

Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

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

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Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

IDC 01 00:00:45.9.0.6.55:48S:27.79W,h0km,mb4.6/12, mbmp4.6/13,ML5.5/1,MS3.8/30,Error ellipse: s-maj=21.9km s-min=15.8km az=68.0

NEIC 01 00:00:48.0.2.7.55:75S:0.10:28.4W:0.2,1h10km,1km, mb4.8/39,Error ellipse: s-maj=16.8km s-min=14.8km az=210.0

ISC 01 00:00:49.5.0.4.55:59S:0.07:28.11W:0.07,h26km,n131, c1545/108,mb4.8/25,MS4.0/28,9C,South Sandwich Islands region

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

Table with columns: LPAZ, LR, LR, 00 30 19.6. Lists seismic events with station codes and times.

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

Table with columns: PETK, P, P, 00 09 41.1 +1.3. Lists seismic events with station codes and times.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Hagfors, Ely, Warramunga Arr, Malin Array Be, etc.

UPA 01 00:27:29.3±0.5, 7.20N-82.32W, h14km, 5km, MW3.8
UCR 01 00:27:32.0±1.3, 7.49N-82.51W, h0km, 1.7km, MW3.4
ISC 01 00:27:26.4±3.3, 7.2N±0.1, 82.33W±0.06, h3km±25km, n26, c087/34, 1C, South of Panama

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Petrolterminale, Guarumal, Vera, El Cacao, Vera, etc.

NNC 01 00:30:32.8±2.3, 41°14'N-83°75'E, h0km, mb3.6, mpv3.3, 4C-2D, Error ellipse: s-maj=16.4km s-min=12.7km az=158.0, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ketmen, Shalkode, Uzynbulak, Jarkent, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Aomorihigashid, Ohata, Aomorirokkasho, etc.

H112 WAKE ISLAND Hy 30.62 127 T T 01 17 55.4

H111 WAKE ISLAND Hy 30.62 127 T T 01 17 55.5

H113 WAKE ISLAND Hy 30.62 127 T T 01 17 53.8

H114 WAKE ISLAND Hy 30.62 127 T T 01 17 58.0

H115 WAKE ISLAND Hy 31.43 128 T T 01 18 58.4

H116 WAKE ISLAND Hy 31.43 128 T T 01 18 58.4

H117 WAKE ISLAND Hy 31.43 128 T T 01 19 00.1

ZALV Zalesovo Beam 39.08 309 P P 00 46 48.3 -0.2

MKAR Makanchi Array 41.88 298 P P 00 47 12.1 +0.4

KURB Kurchatov Arra 43.40 305 P P 00 47 24.2 +0.3

BVAR Borovoye Array 47.71 310 P P 00 47 57.7 -0.1

WRA Warramunga Arr 61.17 187 P P 00 49 35.0 -0.5

FINES FINES Array B 65.06 331 P P 00 49 59.9 -0.8

NEIC 01 01:00:10.8±1.6, 5.42S-147.17E, h201km, 16km, mb3.7/8, mbmp4.3/10, Error ellipse: s-maj=31.5km s-min=10.0km az=114.0

NEIC 01 01:00:13.8±1.4, 5.52S-147.27E, h121km, 6km, mb4.6/24, Error ellipse: s-maj=14.7km s-min=9.5km az=103.0

ISC 01 01:00:11.2±0.4, 5.46S-147.17E±0.07, h195km, n66, c1938/69, mb4.5/23, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MANU, PMG, RABL, TABU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ruatuhana, Nanjing, PanZhihua, etc.

ILAR Eielson Array 84.92 23 P P 01 12 22.0 -1.9

ILAR Eielson Array 84.92 23 P P 01 12 21.7 -2.3

J25K Salcha River, 85.46 24 P P 01 12 25.9 -0.8

BVAR Borovoye Array 86.44 324 P P 01 12 29.7 -2.0

NVAR Mina Array Bea 96.91 52 P P 01 13 20.3 -0.6

TORD Torodi Arr Bea 145.12 285 PKPbc PKPbc 01 19 24.0 -2.4

ISC 01 01:07:56.9±1.5, 10.72S±124.53E, h0km, mb4.0/1, mbmp4.0/4, ML4.0/3, MS3.0/3, Error ellipse: s-maj=143.9km s-min=28.1km az=53.0

NEIC 01 01:07:59.1±2.1, 10.76S±124.53E±0.1, h10km, 2km, mb4.0/4, Error ellipse: s-maj=16.6km s-min=7.0km az=249.0

ISC 01 01:07:58.6±0.7, 10.81S±124.5E±0.1, h10km, n21, c1561/23, Timor region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SOEI, MMRI, KNRA, FITZ, etc.

TEH 01 01:12:57.4, 34°36'N-46°19'E, h8km, 42km, ML2.7
ISC 01 01:12:57.4±0.6, 34°36'N-46°24'E, h19km, 4km, ML2.8
ISC 01 01:12:57.5±1.3, 34°35'N-46°20'E±0.03, h8km±12km, n14, c0873/17, Western Iran

ISC 01 01:14:32.0±0.8, 30°38'S-178°15'W, h0km, mb4.3/5, mbmp4.3/6, ML4.2/1, MS3.5/1, Error ellipse: s-maj=27.8km s-min=16.7km az=105.0

NEIC 01 01:14:38.2±1.8, 30°48'S±0.09, 177°9'W±0.2, h44km, 5km, mb4.3/9, Error ellipse: s-maj=21.5km s-min=12.8km az=85.0

ISC 01 01:14:38.1±0.7, 30°53'S±0.07, 178°1'W±0.1, h46km, n38, c1963/34, mb4.3/7, Kermadec Islands

RAO	Raoul Island	1.28	9	Pn	01 14 58.7	-0.9
RAO	Raoul Island	1.28	9	Sn	01 15 15.1	-0.6
RAO	Raoul Island	1.28	9	Pn	01 14 57.4	-2.2
RAO	Raoul Island	1.28	9	Sn	01 15 14.5	-1.2
URZ	Urewera	8.65	206	Pn	01 16 40.2	-0.5
URZ	Urewera	8.65	206	Sn	01 18 11.7	-5.1
BKZ	Black Stump Fm	9.68	206	Pn	01 16 53.9	-0.9
MRZ	Mangatainoka R	11.33	205	Pn	01 17 16.4	-0.9
CTAO	Charters Tower	33.70	200	P	01 21 16.9	+1.8
STKA	Stephens Creek	34.33	257	P	01 21 22.0	+1.6
STKA	Stephens Creek	34.33	257	Iamb	01 21 23.0	+0.4
PMG	Port Moresby	38.55	296	LR	01 34 26.7	
BBOO	Bucklebo	38.82	254	P	01 21 59.2	+0.5
COEN	Coen	39.19	286	P	01 22 03.3	+1.4
ASAR	Alice Springs	42.98	267	P	01 22 33.0	-0.1
WR0	Warramunga Arr	43.80	272	P	01 22 40.0	+0.2
WR0	Warramunga Arr	43.80	272	Iamb	01 23 00.8	
WRA	Warramunga Arr	43.98	272	P	01 22 41.0	-0.1
WRA	Warramunga Arr	43.98	272	P	01 22 41.4	+0.3
QSPA	South Pole Qui	59.58	180	P	01 24 38.1	+1.2
QSPA	South Pole Qui	59.58	180	Iamb	01 24 43.4	
QSPA	South Pole Qui	59.58	180	P	01 24 38.4	+1.4
BELA	Belrago	69.68	172	P	01 25 41.8	-0.7
SNA	Sanae	78.03	178	P	01 26 32.8	+1.3
SNA	Sanae	78.03	178	Iamb	01 26 58.8	
H03S2	Juan Fernandez	80.50	124	T	02 55 50.4	
H03S1	Juan Fernandez	80.51	124	T	02 55 53.1	
H03S3	Juan Fernandez	80.52	124	T	02 55 56.0	
H03N3	Juan Fernandez	80.69	123	T	02 56 01.1	
H03N2	Juan Fernandez	80.69	123	T	02 55 59.6	
H03N1	Juan Fernandez	80.71	123	T	02 56 02.0	
MKAR	Makanchi Array	117.76	310	PKP	01 33 21.4	+2.3
FI	FINES Array S	145.22	340	PKPbc	01 34 08.5	-1.1
FINES	FINES Array S	145.22	340	PKPbc	01 34 08.9	+0.9
FINES	FINES Array S	145.22	340	PKPbc	01 34 08.7	-1.0
NC303	NORSAR Array S	148.66	351	PKPbc	01 34 18.5	-1.0
NOA	NORSAR Array S	148.86	351	PKPbc	01 34 18.2	-1.9
HFS	Hagfors	149.34	348	PKPbc	01 34 19.7	-1.6
AKASG	Malin Array Be	151.32	322	PKPbc	01 34 26.2	-0.6
MMAI	Mount Meron Arr	151.44	284	PKPbc	01 34 27.9	+0.1
BRTR	Keskin Array B	172.55	298	PKPbc	01 34 28.9	-0.8
EKA	Eskdale Air Arr	154.95	7	PKPbc	01 34 32.8	-1.4
TORD	Torodi Arr Be	162.71	179	PKPab	01 35 26.9	+2.7

IDC 01 02:38:53.4±8.8, 36.57N, 71.14E, h129km, 66km, mb3.3/3, mbmp3.7/7, Error ellipse: s-maj=79.5km s-min=53.3km az=161.0
 NNC 01 01:38:58.1±3.6, 37.07N, 70.88E, h235km, 59km, mb2.8, mpv3.9, Error ellipse: s-maj=36.0km s-min=25.4km az=27.0

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
AML	Almayashu	6.01	21	Op	01 40 18.9	+1.0
UCH	Uchto	6.35	25	P	01 41 35.5	+1.5
EKS2	Erkin-Say	6.52	19	P	01 40 25.8	+1.1
KK31	Karatay Array	6.57	358	↑P	01 40 26.1	+0.9
KK31	Karatay Array	6.57	358	↑S	01 41 37.2	-1.4
AAK	Ala-Archa	6.71	24	P	01 40 28.4	+1.2
AAK	Ala-Archa	6.71	24	P	01 40 28.5	+1.2
AAK	Ala-Archa	6.71	24	S	01 41 42.0	-0.3
AAK	Ala-Archa	6.71	24	P	01 40 28.5	+1.2
AAK	Ala-Archa	6.71	24	S	01 41 42.9	+0.6
CHMS	Chumysh	7.12	24	P	01 40 34.0	+1.3
CHMS	Chumysh	7.12	24	↑P	01 40 33.6	+0.9
CHMS	Chumysh	7.12	24	↑S	01 41 50.2	-1.8
USP	Ospenovka	7.29	21	P	01 40 36.2	+1.2
TKM2	Tokmak 2	7.35	28	P	01 40 37.2	+1.2
TKM2	Tokmak 2	7.35	28	↑P	01 40 36.5	+0.5
TKM2	Tokmak 2	7.35	28	↑S	01 41 56.5	-1.4
MKAR	Makanchi Array	13.33	36	P	01 41 54.3	-2.1
AB31	Albutak array	15.00	331	↑P	01 42 16.4	-1.3
AB31	Albutak array	15.00	331	↑S	01 44 52.2	-1.1
BVAR	Borovoy Array	19.93	25	P	01 42 37.4	-0.7
ZALV	Zalesovo Beam	19.93	25	P	01 43 14.2	-0.7
FINES	FINES Array B	37.39	326	P	01 45 54.5	+0.6
HFS	Hagfors	42.97	322	P	01 46 40.0	-0.1
NOA	NORSAR Array B	44.28	323	P	01 46 50.2	-0.4

IDC 01 02:11:00.8±1.0, 46.79N, 155.55E, h0km, mb3.7/7, mbmp3.7/8, ML2.3/1, MS3.1/4, Error ellipse: s-maj=33.2km s-min=23.1km az=97.0
 ISC 01 02:11:03.5±1.1, 46.80N, 155.56E, h0.2, h18km, n14, c1947.9, mb3.77, MS3.3/3, East of Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PETK	Petrovavlovsk-	6.48	11	Op	02 12 35.5	-2.3
PETK	Petrovavlovsk-	6.48	11	Pn	02 13 53.4	+2.1
MA2	Magadan	13.13	349	LR	02 19 10.2	
H1S1	WAKE ISLAND Hy	29.65	158	T	02 48 11.8	

H1S3	WAKE ISLAND Hy	29.66	158	T	02 48 08.8	
H1S2	WAKE ISLAND Hy	29.66	158	T	02 48 16.0	
KURB3	Kurbatov Arra	48.85	304	P	02 19 48.4	+0.8
BVAR	Borovoye Array	52.14	310	P	02 20 11.4	-1.1
FINES	FINES Array B	64.72	336	P	02 21 40.1	+0.2
WRA	Warramunga Arr	69.13	201	P	02 22 08.1	-0.4
ASAR	Alice Springs	72.81	201	P	02 22 31.1	+0.3
TXAR	Lajitas Array	75.98	62	P	02 22 50.2	+0.7
WSAR	Wadi Sarin	77.97	291	LR	03 01 04.8	
STKA	Stephens Creek	79.31	192	LR	02 58 54.0	
MMAI	Mount Meron Arr	84.05	313	P	02 23 33.7	+0.6

IDC 01 02:34:45.9±2.5, 11.51S, 123.48E, h0km, mb3.7/1, mbmp3.5/3, ML3.2/2, MS2.6/1, Error ellipse: s-maj=191.1km s-min=34.4km az=51.0, South of Timor

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KAPI	Kappang	7.43	330	LR	02 40 17.9	
WRA	Warramunga Arr	13.40	130	Pn	02 37 55.9	-1.5
WRA	Warramunga Arr	13.40	130	S	02 40 18.1	-9.1
ASAR	Alice Springs	15.64	142	Pn	02 38 29.4	+1.6
ASAR	Alice Springs	15.64	142	S	02 41 17.1	-4.8
MKAR	Makanchi Array	68.73	331	P	02 45 51.5	0.0

IDC 01 02:43:57.9±0.7, 6.59S, 122.23W, h0km, mb4.4/12, mbmp4.4/12, MS3.6/34, Error ellipse: s-maj=29.8km s-min=17.1km az=74.0

GCMT 01 02:45:58.9±0.4, 6.30S, 121.08W, 0.03, h29km, 14km, MWI, 9.7E, Moment tensor Solution, s15.c15: s76.c88, Duration: 0. Moment tensor. Scale 10¹⁶Nm; M1: 1.97E-18; M2: 0.06E-11; M3: -2.04E-12; M4: -1.12E-16; M5: -0.94E-09; M6: 0.84E-14; Best double couple: M2: 6.0700E+10; NP1: 354.0000E+00; 857.0000E+00; 1.54.0000E+00; NP2: 0.227.0000E+00; 847.0000E+00; 1.132.0000E+00. Principal axes: T 2.7720, Plg6.0000E+00, Azm208.0000E+00; N -0.3370, Plg29.0000E+00, Azm15.0000E+00; P -2.4410, Plg6.0000E+00, Azm108.0000E+00; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 01 02:44:00.9±1.8, 6.6S, 0.1x122.1W, 0.1, h10km, 14km, mb4.9/15, Error ellipse: s-maj=23.6km s-min=18.7km az=259.0

ISC 01 02:43:59.6±0.4, 6.63S, 122.16W, 0.09, h10km, n437, c085/404, mb4.8/69, MS3.7/36, 4C, South Pacific Ocean

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
TAOE	Nuku Hiva Isla	17.96	262	eLR	02 51 59.1	
PPT	Papeete	28.89	245	LR	02 58 29.5	
PPT2	Papeete2	28.89	245	eP	02 49 56.8	-2.2
PPT2	Papeete2	28.89	245	S	02 54 50.3	+0.6
PPT2	Papeete2	28.89	245	eLR	02 57 14.2	
PPT2	Papeete2	28.89	245	eLR	02 57 14.6	
TBI	Tubuai	31.08	235	eLR	02 58 16.0	
SLBS	Sierra La Lagu	32.40	21	P	02 50 30.1	+0.2
LPIG	La Paz	32.66	20	LR	03 00 37.6	
ZAIG	Zacapa	34.94	33	P	02 50 51.9	-0.5
CMIG	Matias Romero	35.81	49	LR	03 01 47.5	
APG	El Apazote	38.06	55	LR	03 03 04.8	
RAR	Rarotonga	39.15	244	LR	03 03 38.0	
214A	Organ Pipe Nat	39.39	13	P	02 51 32.0	+2.3
TX31	Lajitas Arr. Si	39.94	26	P	02 51 34.1	-0.3
TXAR	Lajitas Array	39.94	26	P	02 51 34.1	-0.2
TXAR	Lajitas Array	39.94	26	P	02 51 35.0	+0.6
TXAR	Lajitas Array	39.94	26	PcP	02 53 39.5	-0.3
TXAR	Lajitas Array	39.94	26	LR	03 03 36.7	
TUC	Tucson Flats	40.21	15	P	02 51 37.2	+0.6
TPFO	Pino Flat	40.38	7	P	02 51 38.9	+0.9
PFO	Pinyon Flats O	40.38	7	LR	03 04 16.1	
VHRM	Van Horn	40.48	23	P	02 51 41.1	+0.6
JTS	Las Juntas de	40.68	66	LR	03 04 00.1	
DUN6	Lazy B Ranch	40.90	17	P	02 51 43.2	+0.9
DUN6	Lazy B Ranch	40.90	17	Iamb	02 51 45.0	
833A	Chaparral WMA	41.11	31	P	02 51 45.0	+1.1
121A	Cookes Peak, D	41.28	19	P	02 51 46.6	+1.1
121A	Cookes Peak, D	41.28	19	P	02 51 46.6	+1.1
GSC	Goldstone, Bar	42.01	7	P	02 51 52.5	+1.2
JCT	Junction City	42.67	29	P	02 51 57.5	+0.7
WJCT	Junction City	42.67	29	Iamb	02 51 59.9	
WUAT	Wupatki	43.13	13	P	02 52 01.4	+0.8
W18A	Petrified Fore	43.14	15	P	02 52 01.6	+0.9
ATAH	Atahualpa	43.44	93	LR	03 05 29.2	
OTAV	Atahualpa	43.44	93	P	02 52 04.8	+1.4
TPNV	Topopah Spring	43.70	7	P	02 52 06.7	+1.6
ANMO	Albuquerque	43.92	19	P	02 52 07.2	+0.2
ANMO	Albuquerque	43.92	19	LR	03 06 11.0	
SLOR	San Lorenzo	43.94	84	P	02 52 07.2	-0.6
435B	Jarrell	44.02	31	P	02 52 08.2	+0.6
PULU	Pululahua	44.05	83	P	02 52 08.4	-0.3
OTAV	Atahualpa	44.14	93	P	02 52 08.8	-0.6
MSTX	Muleshoe	44.35	23	P	02 52 10.6	+0.2
MSTX	Muleshoe	44.35	23	Iamb	02 52 12.8	
CMB	Columbia Colle	44.46	2	P	02 52 12.4	+1.3
ABTX	Abilene, Hawle	44.57	27	P	02 52 11.9	+0.2
CCUT	Cedar City	44.71	10	P	02 52 14.1	+0.8
NVAR	Mina Array Bea	44.97	4	P	02 52 16.7	+1.4
NVAR	Mina Array Bea	44.97	4	P	02 52 16.5	+1.2
NVAR	Mina Array Bea	44.97	4	LR	03 06 23.0	

NV11	Mina Array Sit	44.98	4	P	02 52 16.6	+1.2
NV11	Mina Array Sit	44.98	4	Iamb	02 52 18.6	
NNA	Nana	44.99	100	LR	03 05 53.9	
R11B	Troy Canyon, C	45.16	7	P	02 52 18.2	+1.3
R11B	Troy Canyon, C	45.16	7	P	02 52 18.6	+1.8
MVCO	Mesa Verde	45.44	15	P	02 52 19.6	+0.5
MVCO	Mesa Verde	45.44	15	Iamb	02 52 21.5	
YERR	Yerington	45.46	3	P	02 52 20.6	+1.4
YERR	Yerington	45.46	3	Iamb	02 52 22.5	
AMTX	Amarillo	45.59	24	P	02 52 20.6	+0.5
AMTX	Amarillo	45.59	24	Iamb	02 52 21.9	
MVU	Marysville	45.84	11	P	02 52 23.2	+0.9
S2ZA	4UR Ranch, Cre	46.40	17	P	02 52 28.1	+1.4
O02D	Mt. Diablo Mer	46.47	359	P	02 52 29.1	+1.2
O02D	Mt. Diablo Mer	46.47	359	Iamb	02 52 31.9	
SDCO	Great Sand Dun	46.80	18	P	02 52 30.3	+0.4
ELK	Elko	47.56	7	LR	02 53 08.7	+1.0
ELK	Elko	47.56	7	LR	02 53 08.0	+1.0
YBH	Yreka Blue Hor					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like NOA NORSTAR Array B, HFS Hagfors, ABKAR Akbulak array, etc.

IDC 01 03:30:19.1.2.0, 3.21N, 127.25E, h0km, mb3.3/4, mbtmp3.3/4, Error ellipse: s-maj=174.0km s-min=23.4km az=67.0, Talaud Islands

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

NOU 01 03:30:31.1, 22.28S, 170.48E, h0km, ML4.0, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like MARNC Mare, Loyalty, YATNC Mammie plateau, etc.

IDC 01 03:52:15.3.1.6, 28.77S, 174.56E, h0km, mb4.1/6, mbtmp4.1/6, Error ellipse: s-maj=64.2km s-min=26.6km az=28.0

ISC 01 03:52:16.8.1.8, 28.88S, 174.76E, 0.3, h10km, n18, 0.654/6, mb4.0/6, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like H0S22 Diego Garcia H, H0S11 Diego Garcia H, H0S23 Diego Garcia H, etc.

NEIC 01 03:54:18.3.2.4, 15.65S, 0.1x174.7W, 0.1, h279km, 6km, mb4.1/11, Error ellipse: s-maj=22.9km s-min=9.0km az=142.0

IDC 01 03:54:19.9.3.1, 15.64S, 174.82W, h299km, 3.0km, mb3.7/9, mbtmp4.4/10, Error ellipse: s-maj=22.8km s-min=15.2km az=132.0

ISC 01 03:54:16.1.0.5, 15.65S, 0.1x174.7W, 0.1, h262km, n36, 0.1520/35, mb4.0/13, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like AF1 Afiamalu, NIUE Niue, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like PDAR Pinedale Array, MAW Mawson, ARCES ARCESS Array B, etc.

NEIC 01 04:03:08.2.1.6, 18.0S, 0.1x177.9W, 0.1, h586km, 11km, mb4.4/29, Error ellipse: s-maj=22.7km s-min=12.7km az=139.0

IDC 01 04:03:30.6.4.2, 17.96S, 178.42E, h534km, 3.1km, mb3.7/3, mbtmp4.7/3, Error ellipse: s-maj=153.9km s-min=16.1km az=121.0

ISC 01 04:03:08.4.0.8, 17.95S, 0.1x177.9W, 0.1, h590km, n42, 0.1511/42, mb4.3/19, 3C, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like MSVF Nonsavu, AF1 Afiamalu, LIFNC LIFOU, etc.

UPA 01 04:09:27.2.0.8, 8.97N, 82.94W, h12km, 2km, MD3.9 UCR 01 04:09:28.5.0.8, 8.94N, 82.96W, h16km, 13km, MW3.5

ISC 01 04:09:28.1.0.8, 8.97N, 0.04, 82.94W, 0.03, h16km, 9km, n25, 0.058/33, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like MLR13 Monte Lirio, BRU2 Volcan, DRKO Durika, etc.

az=135.0 RSNC 01 05:07:43.8.0.0, 7.1N, 1x7.3W, 1, h142km, 2km, M3.6, mb4.0, mb4.6, ML3.3, MW(m)3.8

ISC 01 05:07:40.7.0.9, 6.86N, 0.03, 73.12W, 0.04, h157km, 6km, n49, 0.057/20, 1C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like BARC Barichara, BRUC Barrancabermej, BRJC Barichara, etc.

SJA 01 05:17:57.5.0.7, 28.99S, 72.07W, h20km, 5km, ML4.3, MW4.3

GUC 01 05:18:02.1.0.7, 29.08S, 71.55W, h36km, 3km, ML3.8 NEIC 01 05:18:02.6.2.2, 29.10S, 0.04, 71.5W, 0.1, h11km, 7km, mb4.0/4, ML3.9(GUC), Error ellipse: s-maj=12.8km s-min=6.4km az=93.0

IDC 01 05:18:04.0.1.1, 28.59S, 72.17W, h0km, mb3.9/7, mbtmp3.8/12, ML3.8/5, MS3.0/6, Error ellipse: s-maj=27.2km s-min=19.6km az=91.0

ISC 01 05:18:01.0.1.4, 29.04S, 72.07W, 0.05, h6km, 10km, n99, 0.209/110, mb3.9/9, 2C-12, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like LCO Las Campanas, LCO Las Campanas, LCO La Serena, etc.

1d 5h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ARQ, HQQ, BSQ, SMDO, WSAR, WSAR, NGCH, JMKD, WBK, etc.

2018 SEP

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like OBN, OBN, OBN, SIRR, MORS, MOS, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KURK, KURK, KURK, FETA, FETA, RETA, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for various stations.

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NOU 01 05:51:33.9,22:44S-170:94E,h0km,MLV4.3/9,

Southeast of Loyalty Islands,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and other technical details.

NEIC 01 05:55:24.0:1.1,39:21N:0:01x:114:97W:0:03,h5km,11km,

Error ellipse: s-maj=3.9km s-min=2.9km az=57.0

REN 01 05:55:24.4:1.2,39:21N:0:02x:114:96W:0:03,h5km,6km,

ML2:7/3,ML2:9/2(NEIC),Error ellipse: s-maj=3.6km

s-min=2.9km az=211.0,Nevada

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and other technical details.

IDC 01 05:57:51.7:0.6,28:92S:74:57E,h0km,mb4.5/18,

mbmp4.5/18,Error ellipse: s-maj=18.6km s-min=17.7km

az=91.0

BUI 01 05:57:52.1:0.0,28:81S:74:22E,h10km,mb4.6/23,

mb5.0/8

NEIC 01 05:57:53.5:1.3,28:9S:0:1x:74:45E:0:10,h10km,1km,

mb4.9/39,Error ellipse: s-maj=19.1km s-min=14.6km

az=173.0

ISC 01 05:57:53.3:0.4,28:96S:0:09x:74:46E:0:07,h10km,n88,

mb5:7/6,mb4:8/45,4C,Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and other technical details.

IDC 01 05:58:52.8:0.5,32:97S:175:35E,h0km,mb3.9/2,

mbmp4.0/3,ML4.0/1,Error ellipse: s-maj=130.6km

s-min=26.9km az=51.0

WEL 01 05:58:53.9:0.8,34:3S:10:1x:18:0E:1:4,h326km,1.7km,

ML4:2/20,mb4:7/7,ML4:8/30,MLV4:4/20,Mw(mB)3.9/7,

Error ellipse: s-maj=0.0km s-min=0.0km az=114.4

ISC 01 05:58:51.9:2.4,33:5S:0:1x:179:9E:0:2,h300km,n50,

az=139/68,South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and other technical details.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like RUGZ Raukumara Rang, RWZ Tauwhareparea, WWC Waipu Caves, etc.

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

BUJ 01 06:13:40.8-0.29; 175.74; 22E, h14km, mb5.0/81, mb5.5/49, Ms5.4/81, Mst 5.3/76
IDC 01 06:13:42.3-0.4, 28.945; 74.59E, h0km, mb5.0/27, mbmp5.0/27, MS4.9/58, Error ellipse: s-maj=14.1km s-min=13.2km az=80.0
MOS 01 06:13:43.1-0.8, 28.286; 74.67E, h12km, mb5.5/55, MS4.8/4, Error ellipse: s-maj=10.0km s-min=5.9km az=102.5
NEIC 01 06:13:44.9, 29.005; 74.75E, h18km, Moment Tensor Solution: Duration: 30 Moment tensor: Scale 1017Nm; Ms=1.26; Mw=1.24; Mo=0.19; Mso=0.75; Mso=0.16; Fault plane solution: Ms2.28000-1017 NP1: o=309.46000, s=845.47000, l=83.39000. NP2: o=138.84000, s=844.92000, l=96.67000. Principal axes: T 2.5420, Plg85.0000, Azm137.0000; N -0.5266, Plg5.0000, Azm314.0000; P -2.0153, Plg0.0000, Azm44.0000.
NEIC 01 06:13:44.9, 29.005; 74.52E, h18km
NEIC 01 06:13:45.0, 2.2, 28.988; 0.10; 74.60E; 0.1, h10km, mb5.5/107, Ms 20.5/3531, Mw=5.3/5, Error ellipse: s-maj=16.9km s-min=15.4km az=200.0
GCMT 01 06:13:46.0, 0.1, 28.983; 0.01; 74.60E; 0.01, h12km, Mw=4.155, Moment Tensor Solution: s122c193; s155c313; Duration: 1s3 Moment tensor: Scale 1017 Nm; Mo=1.82e+02; Mw=0.73e+02; Mo=1.09e+02; Mo=0.13e+05; Mo=0.84e+01; Mo=0.38e+05; Best double couple: Mo1.84200e+02, NP1: o=145.0000, s=851.0000, l=95.0000. NP2: o=317.0000, s=839.0000, l=84.0000. Principal axes: T 1.8690, Plg83.0000, Azm85.0000; N -0.0560, Plg4.0000, Azm322.0000; P -1.8140, Plg6.0000, Azm231.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
BGR 01 06:13:50.9, 26.51S, 76.56E, h33km, mb5.2, Ms4.5
ISC 01 06:13:51.9, 0.5, 29.015; 0.04; 74.46E; 0.05, h20km, 2km, h20km; pp-P, n932, s135; 692, mb5.3/242, MS5.3/358, 52C-19D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like H08S3 Diego Garcia H, DGAR Diego Garcia, DGAR Diego Garcia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like BOSA Boshof, BOSA Boshof, BOSA Boshof, etc.

MBAR	Mbarara	50.36	296d	P	P	06 22 44.4	+2.3
MBAR	comp=Z,25nm,1.5s						
ABTO	Aybut	50.43	333	P	P	06 22 42.9	+0.6
ATD	Arta Tunnel	50.56	318	P	P	06 22 44.5	+1.0
ATD	Arta Tunnel	50.56	318	LR	LR	06 40 58.3	
ATD	Arta Tunnel	50.56	318	eP	P	06 22 44.6	+1.1
WHFO	Wadi Hawf	50.76	334	P	P	06 22 45.3	+0.5
ANKE	Ethiopia-Afar	50.95	314	P	P	06 22 48.7	+1.9
ELIB	Princess Elisa	50.96	198	eP	P	06 22 47.0	+1.1
FURI	Furi	51.10	312	LR	LR	06 42 05.5	
FURI	comp=Z,956nm,19.7s						
FURI	Wolmera	51.24	312	eP	P	06 22 47.8	0.0
DOK	Doka	51.26	335	P	P	06 22 49.0	+0.5
MULG	Mulgathing	51.28	107	P	P	06 22 48.1	-0.6
DQM	DQM	51.33	339	P	P	06 22 49.4	+0.5
KNRA	Kununurra	51.54	87	P	P	06 22 49.6	-1.2
KNRA	comp=Z,78nm,1.1s						
KNRA	Kununurra	51.54	87	P	P	06 22 50.0	-0.8
TEND	Ethiopian Broa	51.86	317	eP	P	06 22 53.9	+0.7
DESE	Desse	52.18	315	eP	P	06 22 58.2	+2.4
MHTO	MHTO	52.19	340	P	P	06 22 55.0	-0.5
DLV	T Lat	52.32	44	P	P	06 22 56.7	0.0
DLV	comp=Z,71nm,1.4s						
DLV	comp=Z,2um,20.0s						
DLV	Buckleboo	52.32	44	P	P	06 22 57.8	+1.0
BBOO	BBOO	52.33	111	P	P	06 22 56.8	+0.3
BBOO	comp=Z,111nm,1.4s						
BBOO	Buckleboo	52.33	111	P	P	06 22 56.9	+0.3
BBOO	comp=Z,64nm,2.1s						
BBOO	Buckleboo	52.33	111	P	P	06 22 57.4	+0.8
TSMU	Tsumeb	52.41	267	LR	LR	06 22 58.4	+0.9
TSMU	comp=Z,4um,19.9s						
CM31	Chiang Mai Arr	52.78	30	P	P	06 22 59.6	-0.3
CM31	comp=Z,124nm,1.8s						
CMAR	Chiang Mai Arr	52.78	30	P	P	06 22 59.2	-0.7
CMAR	comp=Z,4.2nm,0.6s						
CMAR	Chiang Mai Arr	52.78	30	P	P	06 22 58.8	-1.1
CMAR	comp=Z,2um,19.9s						
CMAR	Chiang Mai Arr	52.78	30	P	P	06 22 59.2	-0.7
CMAR	comp=Z,4.2nm,0.6s						
CMAR	Chiang Mai Arr	52.78	30	P	P	06 22 59.2	-0.7
JLN	Jalan Bani Buh	52.89	342	P	P	06 23 00.5	-0.1
ASAR	Alice Springs	53.06	99	P	P	06 23 01.6	-0.6
ASAR	Alice Springs	53.07	99	P	P	06 23 01.4	-0.7
ASAR	comp=Z,100nm,0.9s						
ASAR	Alice Springs	53.06	99	P	P	06 23 01.6	-0.6
ASAR	Alice Springs	53.07	99	P	P	06 23 01.5	-1.5
ASAR	Kota Kinabalu	53.17	56	P	P	06 23 01.5	-1.5
ASAR	comp=Z,2um,21.5s						
ASAR	Alice Springs	53.06	99	P	P	06 23 01.6	-0.6
AS31	Alice Springs	53.07	99	P	P	06 23 01.1	-1.0
AS31	Alice Springs	53.07	99	P	P	06 23 01.4	-0.7
AS31	Alice Springs	53.07	99	P	P	06 23 01.6	-0.6
AS01	Alice Springs	53.11	99	P	P	06 23 01.6	-0.9
KKM	Kota Kinabalu	53.17	56	P	P	06 23 01.5	-1.5
KKM	comp=Z,3um,20.0s						
KKM	Kota Kinabalu	53.17	56	P	P	06 23 02.5	-0.5
UBPT	Khonj Chiam	53.26	38	P	P	06 23 02.9	-0.6
UBPT	Khonj Chiam	53.26	38	P	P	06 23 03.4	-0.1
OOD	Oodnadatta	53.32	104	P	P	06 23 03.8	-0.1
PHRA	Phrae	53.39	31	P	P	06 23 04.1	-0.3
TOLIZ	Toilitoli	53.45	64	P	P	06 23 03.0	-2.0
TOLIZ	comp=Z,36nm,1.0s						
TOLIZ	Toilitoli	53.45	64	P	P	06 23 03.9	-1.1
WBK	Wadi Bani Khal	53.45	342	P	P	06 23 05.3	+0.5
WHYH	Whyalla	53.52	111	P	P	06 23 06.4	+1.1
NVL	N'azarevskaya	53.94	201	eS	S	06 23 06.7	-1.1
NVL	comp=Z,57nm,1.2s						
NVL	N'azarevskaya	53.94	201	eS	S	06 30 34.9	-7.0
BSY	Bisya	54.08	340	P	P	06 23 09.8	+0.5
SMDO	Samad	54.13	341	P	P	06 23 10.0	+0.2
WSAR	Wadi Sarin	54.14	342	LR	LR	06 42 39.5	
MYLDM	Lahad Datu	54.28	59	P	P	06 23 11.1	+0.1
MYLDM	comp=Z,3um,20.0s						
MYLDM	Lahad Datu	54.28	59	P	P	06 23 11.8	+0.8
NONG	Nongkai	54.39	34	P	P	06 23 11.6	-0.1
AUMTB	Murray Bridge	54.42	114	P	P	06 23 12.7	+0.9
HALLT	Hallett	54.52	112	P	P	06 23 13.0	+0.3
HTT	Hallett	54.52	112	P	P	06 23 13.3	+0.6
LCKR	Leigh Creek	54.70	108	P	P	06 23 14.0	0.0
WRA	Warramunga Arr	54.75	95	P	P	06 23 13.7	-0.8
WRA	comp=Z,131nm,0.9s						
WRA	Warramunga Arr	54.75	95	P	P	06 44 48.9	
WRAB	Tennant Creek	54.76	95	P	P	06 23 13.6	-1.0
WRAB	comp=Z,3um,19.3s						
WRAB	Tennant Creek	54.76	95	P	P	06 44 38.4	
WRAB	Tennant Creek	54.76	95	P	P	06 23 13.9	-0.7
WRAB	comp=Z,123nm,0.9s						
DRS	Darwin Rock St	54.81	85	P	P	06 23 15.6	+0.7
MTN	Manton Dam	54.83	85	P	P	06 23 14.6	+0.5
MTN	comp=Z,3um,21.0s						
MTN	Manton Dam	54.83	85	P	P	06 23 14.3	-0.8
MTN	comp=Z,5.1nm,0.8s						
HOQ	Hoqain	54.84	341	P	P	06 23 14.7	-0.4
HOQ	SNR=8.4						
ARO	Araqi	54.84	340	P	P	06 23 15.3	+0.4
WRO	Warramunga Arr	54.92	95	P	P	06 23 14.7	-1.1
CRAI	Chiangrai	54.97	30	P	P	06 23 15.9	0.0
CRAI	comp=Z,37nm,1.2s						
CRAI	Chiangrai	54.97	30	P	P	06 23 21.1	
MZR	Muzera	55.52	336	P	P	06 23 20.9	+1.1
MZR	SNR=6.3						
MZR	Muzera	55.52	336	P	P	06 23 20.7	+0.9
SOHO	SOHO	55.59	340	iP	P	06 23 19.7	-0.5
SOHO	SNR=6.0						
SOHO	SOHO	55.59	340	iP	P	06 23 20.3	+0.1
ALNE	Al Ain	55.75	339	P	P	06 23 21.0	-0.5
ALNE	SNR=8.1						
ALNE	Al Ain	55.75	339	P	P	06 23 22.1	+0.7
SANI	Sanana	55.82	71	P	P	06 23 21.9	-0.3
ARPS	Mount Arapiles	56.07	117	P	P	06 23 24.1	+0.3
KDU	Kakadu	56.07	86	P	P	06 23 23.1	-0.9
KDU	comp=Z,51nm,1.0s						
KDU	Kakadu	56.07	86	P	P	06 23 23.9	-0.1
ASHO	Ashtiyah	56.24	340	P	P	06 23 24.6	-0.4
HATD	Hatta, Dubai	56.35	340	P	P	06 23 24.3	-1.4
FAQ	Al Faqa, Dubai	56.44	339	P	P	06 23 25.0	-1.3
UOSS	Minazif	56.45	340	P	P	06 23 25.4	-1.0
UOSS	SNR=7.5						
AJN	Ajban	56.46	339	P	P	06 23 25.9	-0.5
GHWR	Ruwais	56.62	336	P	P	06 23 27.0	+0.5
MSFE	Esma-Masafi	56.85	340	P	P	06 23 28.4	+0.8
STKA	Stephens Creek	57.10	111	P	P	06 23 30.3	-0.9
STKA	comp=Z,8.0nm,1.2s						
STKA	Stephens Creek	57.10	111	P	P	06 23 30.7	-0.4
STKA	Stephens Creek	57.10	111	P	P	06 23 31.3	+0.1
STKA	comp=Z,2.0nm,0.9s						
STKA	Stephens Creek	57.10	111	P	P	06 23 30.1	-1.1
STKA	comp=Z,2um,19.8s						
STKA	Stephens Creek	57.10	111	P	P	06 45 13.1	
STKA	comp=Z,20nm,0.9s						
STKA	Stephens Creek	57.10	111	P	P	06 23 30.3	-0.9
TROLL	Troll, Antarti	57.11	201	iP	P	06 23 32.5	+1.7
SLWR	Sila	57.14	335	P	P	06 23 31.9	+0.6
JRN	Garnian Island	57.53	337	P	P	06 23 34.7	+0.7
SLVN	Son La	57.55	33	P	P	06 23 32.5	-1.8
SLVN	comp=Z,2um,19.8s						

SLVN	Son La	57.55	33	P	P	06 23 34.1	-0.2
INKA	Innaminka	57.61	106	P	P	06 23 35.5	+0.7
TRNA	Turayna	57.93	335	P	P	06 23 36.9	+0.1
TRNA	Abu-Samra	58.08	335	P	P	06 23 38.5	+0.6
TNCH	TengChong	58.49	26	P	P	06 23 40.2	-0.9
TNCH	comp=Z,57nm,0.5s						
TNCH	comp=Z,310nm,3.3s						
TNCH	comp=Z,530nm,17.2s						
TNCH	comp=Z,670nm,18.3s						
TNCH	comp=Z,1um,18.0s						
QIZ	Qiongzhong	58.72	40	P	P	06 23 43.6	+1.1
QIZ	comp=Z,16nm,1.1s						
QIZ	comp=Z,270nm,4.9s						
QIZ	comp=Z,710nm,17.2s						
QIZ	comp=Z,930nm,16.2s						
TOO	Toolangi	58.72	118	P	P	06 23 42.1	-0.4
SNA	Sanae	58.76	201	P	P	06 23 42.8	+0.6
SNA	comp=Z,32nm,1.1s						
SNA	Sanae	58.76	201	eP	P	06 23 43.4	+1.1
SNA	Sanae	58.76	201	iP	P	06 23 42.9	+0.6
SNA	comp=Z,424nm,1.0s						
SNA	comp=Z,25nm,1.0s						
SNA	comp=Z,1um,20.3s						
SNA	comp=Z,25nm,1.0s						
SNA	Sanae	58.76	201	iP	P	06 23 42.9	+0.6
SNA	comp=Z,37nm,1.3s						
SHMA	Shehemyia	59.04	335	P	P	06 23 44.2	-0.3
QIS	Qis	59.10	98	P	P	06 23 44.7	-0.7
QIS	comp=Z,60nm,1.4s						
QIS	Mount Isa	59.10	98	P	P	06 23 44.9	-0.5
RAYN	Ar Rayn	59.21	329	P	P	06 23 45.7	-0.2
RAYN	comp=Z,46nm,1.0s						
RAYN	Ar Rayn	59.21	329	iP	P	06 23 46.1	+0.2
RAYN	Ar Rayn	59.21	329	P	P	06 23 45.7	-0.2
RAYN	comp=Z,47nm,1.0s						
YNA2	Neumayer-Watz	60.23	202	iP	P	06 23 53.2	+0.8
KMI	Kumming	60.30	30	iP	P	06 23 53.6	0.0
KMI	comp=Z,19nm,0.8s						
KMI	Kumming	60.30	30	iP	P	06 32 09.8	+2.7
KMI	comp=Z,25nm,2.3s						
KMI	comp=Z,350nm,3.0s						
KMI	comp=Z,1um,16.3s						
KMI	comp=Z,630nm,19.0s						
KMI	comp=Z,1um,25.5s						
LSA	Lhasa	60.52	17	P	P	06 23 56.1	+0.8
LSA	comp=Z,226nm,1.5s						
LSA	Lhasa	60.52	17	P	P	06 23 54.8	-0.5
VNA1	Neumayer-Stat	60.54	202	iP	P	06 23 56.4	+2.1
CMSA	Cobar Meteorol	60.54	112	P	P	06 23 54.9	-0.2
CMSA	comp=Z,33nm,1.1s						
CMSA	Cobar Meteorol	60.54	112	P	P	06 23 55.2	+0.1
FAKI	Fak Fak	60.61	76	P	P		

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like YON, AML, ULHL, AAK, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like TDK, NJ2, GNI, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like SEM, SEM, KURBB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DBIC Dimbokro, TAM Tamnrasset, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MDJ MDJ, MDJ comp=Z,1.5nm,2.0s, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like FETA Feichten, PVCC Pansa Vea, RETA Reutte, etc.

2018 SEP

ID	Station Name	Lat	Lon	Mag	Dist	Time	Res	ISC	h	m	s	ISC
K20K	Telida	133.80	28	IAMS_20	IAMS_20	07 38 33.3						
C27K	Jago River	133.88	17	IAMS_20	IAMS_20	07 36 12.7						
L19K	White Mt	133.94	30	IAMS_20	IAMS_20	07 35 54.1						
N18K	Kilae Creek	134.03	32	IAMS_20	IAMS_20	07 34 11.6						
H23K	Yukon River	134.36	24	IAMS_20	IAMS_20	07 31 47.4						
G24K	Hadwezniz Riv	134.58	22	IAMS_20	IAMS_20	07 33 50.4						
BPAW	Bear Paw Mtn	134.69	26	IAMS_20	IAMS_20	07 32 16.8						
I23K	Minto, Yukon-K	134.78	24	IAMS_20	IAMS_20	07 37 57.8						
PLK4	Peulik 4	134.78	36	IAMS_20	IAMS_20	07 35 00.6						
M20K	Styx River	134.81	30	IAMS_20	IAMS_20	07 36 39.0						
D27M	Malcolm River	134.85	17	IAMS_20	IAMS_20	07 37 25.4						
H24K	Noodor Dome	134.93	23	IAMS_20	IAMS_20	07 34 35.5						
F26K	Sheenjek River	135.01	20	IAMS_20	IAMS_20	07 38 32.8						
ACHA	Angle Creek He	135.13	35	IAMS_20	IAMS_20	07 37 58.7						
BWN	Brown	135.24	26	IAMS_20	IAMS_20	07 33 50.8						
FYU	Fort Yukon	135.38	21	IAMS_20	IAMS_20	07 34 47.6						
E27K	Coleen River	135.41	18	IAMS_20	IAMS_20	07 35 58.3						
SKT	Skwentna	135.45	29	IAMS_20	IAMS_20	07 34 24.9						
COLA	College	135.47	24	IAMS_20	IAMS_20	07 37 45.0						
WRH	Wood River Hill	135.60	25	IAMS_20	IAMS_20	07 33 03.5						
E28M	Sabbage River	135.67	17	IAMS_20	IAMS_20	07 38 58.0						
Q19K	Cape Douglas	135.71	34	IAMS_20	IAMS_20	07 34 49.2						
CUT	Chulitna	135.79	28	IAMS_20	IAMS_20	07 36 55.8						
ILAR	Eielson Array	135.87	24	PKP	PKPdf	06 33 03.4 -1.2						
PRP	Porcupine Dome	135.91	23	IAMS_20	IAMS_20	07 36 39.7						
HDA	Harding Lake	136.05	24	IAMS_20	IAMS_20	07 37 43.4						
M22K	Willow	136.19	29	IAMS_20	IAMS_20	07 36 31.4						
SII	Sitkinak Island	136.24	37	IAMS_20	IAMS_20	07 37 58.2						
G27K	Doyon Strip	136.32	20	IAMS_20	IAMS_20	07 36 37.5						
SYI	Shuyak Island	136.44	34	IAMS_20	IAMS_20	07 35 33.3						
J25K	Salcha River	136.50	24	IAMS_20	IAMS_20	07 37 25.2						
DHY	Denali Highway	136.61	26	IAMS_20	IAMS_20	07 35 51.3						
PMR	Palmer	136.65	29	IAMS_20	IAMS_20	07 36 55.4						
KDAK	Kodiak Island	136.65	35	IAMS_20	IAMS_20	07 34 54.9						
I26K	Coal Creek Min	136.83	22	IAMS_20	IAMS_20	07 37 57.7						
SML	Sawmill	136.87	28	IAMS_20	IAMS_20	07 39 48.5						
O22K	Cooper Landing	136.90	30	IAMS_20	IAMS_20	07 40 45.4						
KNK	Knik Glacier	137.01	29	IAMS_20	IAMS_20	07 39 35.2						
SCM	Cheep Creek	137.27	28	IAMS_20	IAMS_20	07 38 59.0						
G29M	Pine Creek	137.29	18	IAMS_20	IAMS_20	07 37 50.0						
GDSL	La Dsiraide	137.30	263	IAMS_20	IAMS_20	07 23 20.0						
PWL	Port Wells	137.33	29	IAMS_20	IAMS_20	07 35 57.7						
SCRK	Sand Creek	137.36	24	IAMS_20	IAMS_20	07 37 52.0						
G30M	toAh Zraii Nji	137.72	17	IAMS_20	IAMS_20	07 38 37.3						
EGAK	Eagle	137.82	22	IAMS_20	IAMS_20	07 36 09.1						
GLA	Glacier Island	137.85	29	IAMS_20	IAMS_20	07 36 36.4						
F31M	Tsigtethic	137.98	16	IAMS_20	IAMS_20	07 39 37.2						
K27K	Chicken	137.99	23	IAMS_20	IAMS_20	07 38 50.5						
KLU	Klutina	138.02	28	IAMS_20	IAMS_20	07 40 46.8						
EPYK	Eagle Plains	138.04	18	IAMS_20	IAMS_20	07 37 28.8						
FID	Port Fidalgo	138.18	29	IAMS_20	IAMS_20	07 40 49.0						
G31M	Satah River	138.26	17	IAMS_20	IAMS_20	07 35 48.6						
I29M	Ogilvie Camp	138.31	20	IAMS_20	IAMS_20	07 35 44.1						
HIN	Hinchinbrook I	138.35	29	IAMS_20	IAMS_20	07 36 19.5						
N25K	Chitina, Valde	138.50	27	IAMS_20	IAMS_20	07 37 21.3						
M26K	Nabesna, AK	138.66	25	IAMS_20	IAMS_20	07 39 14.5						
L27K	Seaver Creek	138.69	24	IAMS_20	IAMS_20	07 34 29.1						
DAWK	Dawson	138.87	22	IAMS_20	IAMS_20	07 35 57.8						
M27K	Edge Creek, AK	139.10	25	IAMS_20	IAMS_20	07 35 19.2						
MCARA	McCarthy VSAT	139.24	27	IAMS_20	IAMS_20	07 39 58.0						
SEUS	St. Eustatus	139.45	263	IAMS_20	IAMS_20	07 26 43.2						
J30M	Hart River	139.47	20	IAMS_20	IAMS_20	07 39 41.6						
CRQM	Cirque	139.56	28	IAMS_20	IAMS_20	07 35 09.0						
K29M	Barlow Dome	139.62	21	IAMS_20	IAMS_20	07 37 16.8						
WAX	Waxell Ridge	139.85	28	IAMS_20	IAMS_20	07 40 58.1						
L29M	L29M	139.93	22	IAMS_20	IAMS_20	07 36 06.0						
ISLE	Juniper Island	139.97	27	IAMS_20	IAMS_20	07 38 22.2						
GRNC	Granite Creek	140.13	27	IAMS_20	IAMS_20	07 35 22.2						
CTGM	Chitina Glacier	140.15	26	IAMS_20	IAMS_20	07 38 45.0						
LOGN	Logan Glacier	140.37	26	IAMS_20	IAMS_20	07 38 52.5						
TABL	Table Mountain	140.54	27	IAMS_20	IAMS_20	07 38 40.4						
M30M	Minto, Yukon	140.75	22	IAMS_20	IAMS_20	07 35 45.5						
FARO	Faro, Yukon	142.11	21	IAMS_20	IAMS_20	07 39 40.4						
WHY	Whitehorse	142.75	23	IAMS_20	IAMS_20	07 33 09.4						
HAL	Halifax	143.41	307	IAMS_20	IAMS_20	07 32 50.8						
SKAG	Skagway	143.42	25	IAMS_20	IAMS_20	07 38 51.3						
P33M	Teslin, Yukon	143.78	23	IAMS_20	IAMS_20	07 37 58.7						
Q01	Presque Isle	145.92	312	IAMS_20	IAMS_20	07 39 43.7						
YKA	Yellowknife Ar	145.99	8	PKPbc	PKPdf	06 33 22.9 +0.2						
G65A	Princeton	146.04	309	IAMS_20	IAMS_20	07 35 03.0						
F64A	Sherman	146.38	310	IAMS_20	IAMS_20	07 38 05.0						
D62A	Allapoint, All	146.46	313	IAMS_20	IAMS_20	07 46 53.8						
PKME	Peaks-Kenny Pk	147.19	310	IAMS_20	IAMS_20	07 42 12.5						
SDDR	Pres de Sann	147.26	260	IAMS_20	IAMS_20	07 28 50.9						

F62A	Pittston Farm	147.45	311	IAMS_20	IAMS_20	07 36 23.9						
LDAO	Lac Daran	147.53	315	IAMS_20	IAMS_20	07 39 06.7						
WVL	Waterloo	147.64	308	IAMS_20	IAMS_20	07 39 55.6						
G62A	West of Eustis	148.04	310	IAMS_20	IAMS_20	07 40 11.7						
I63A	Ostfield	148.42	308	IAMS_20	IAMS_20	07 40 58.1						
H62A	Milan	148.68	309	IAMS_20	IAMS_20	07 37 49.3						
I62A	Tamworth	148.60	308	IAMS_20	IAMS_20	07 38 40.3						
M65A	Busby, Falmout	149.10	303	IAMS_20	IAMS_20	07 35 20.5						
L64A	Middleborough	149.16	304	IAMS_20	IAMS_20	07 35 47.9						
LBNH	Lisbon	149.29	309	IAMS_20	IAMS_20	07 37 13.9						
WES	Weston	149.39	305	IAMS_20	IAMS_20	07 55 18.1						
HRV	Adam Dzewonski	149.53	305	IAMS_20	IAMS_20	07 35 56.7						
HNH	Hanover	149.70	308	IAMS_20	IAMS_20	07 40 15.0						
K62A	Royalton	149.97	306	IAMS_20	IAMS_20	07 36 33.2						
MNT0	Montreal, Queb	149.99	312	IAMS_20	IAMS_20	07 41 26.0						
UCCT	U. Connecticut	150.19	304	IAMS_20	IAMS_20	07 35 24.3						
L61B	Northampton	150.35	306	IAMS_20	IAMS_20	07 36 41.2						
GTBY	Guantanamo Bay	150.94	259	IAMS_20	IAMS_20	07 35 16.2						
LONY	Lake Ozonia	151.15	311	IAMS_20	IAMS_20	07 52 45.5						
WSPY	Westport, CT	151.31	303	IAMS_20	IAMS_20	07 38 57.8						
J59A	Pleasant Center	151.31	309	IAMS_20	IAMS_20	07 56 43.3						
N62A	Caumsett State	151.31	303	IAMS_20	IAMS_20	07 41 34.1						
L9A	Palisades	151.62	303	IAMS_20	IAMS_20	07 47 03.1						
P5AL	Walton	152.10	306	IAMS_20	IAMS_20	07 52 50.5						
ODNJ	Ogdensburg	152.11	304	IAMS_20	IAMS_20	07 42 46.0						
J57A	Williamstown	152.34	309	I								

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

IDC 01 06:23:50.4:15.0,29:17S:73:83E,h0km,mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=498.3km s-min=47.3km az=45.0, Mid-Indian Ridge

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

DJA 01 06:26:05.0:4.6,S:7:10:6E,h140km,7km,M4.1/12, mb4.2/3,MLV4.0/12,Sunda Strait

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Serang, Sukabumi, Kota Agung, etc.

AEIC 01 06:41:19.7:1.8,69:58N:0:05:144:94W:0:06,h19km,4km, ML4.0,mb4.6/81(NEIC),ML4.9/122(NEIC)

MOS 01 06:41:19.8:0.5,69:72N:144:74W,h0km,mb4.3/28, mbtmp4.3/33,ML4.6/5,MS3.6/8, Error ellipse: s-maj=13.2km s-min=1.1km az=46.0

NEIC 01 06:41:20.6:6.9,69:62N:0:03:144:93W:0:02,h17km,3km, n65S,0:19/06/7,mb4.6/102,MS4.1/12,2C-7D,Northern Alaska

Code Station Name Azimuth Phase ID Time Res. Includes stations like Camden Bay, Camden Bay, Camden Bay, etc.

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

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like D27M, D27M, D24K, D24K, D24K, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRP, PRP, PRP, etc.

J26L	Joseph Creek	5.17 173	P	Pn	06 42 38.0 -0.1
C19K	Lookout Ridge	5.21 271	IAML	Pn	06 42 38.8 +0.2
C19K	comp=N,891nm,1.4s		IAML		06 44 29.9
C19K	comp=E,542nm,1.9s		IAML		06 44 32.8
C19K	Lookout Ridge	5.21 271	P	Pn	06 42 38.5 -0.1
HDA	Harding Lake	5.30 190	P	Pn	06 42 39.6 -0.1
HDA	Harding Lake	5.30 190	P	Pn	06 42 39.6 -0.1
NEA2	Nenana	5.30 200	IAML	Pn	06 42 39.8 -0.1
NEA2	comp=E,764nm,1.4s		IAML		06 44 19.1
NEA2	Nenana	5.30 200	P	Pn	06 42 39.6 -0.2
WRH	Wood River Hill	5.32 195	IAML	Pn	06 42 40.0 0.0
WRH	comp=E,872nm,1.4s		IAML		06 44 06.0
WRH	comp=N,622nm,1.1s		IAML		06 44 23.2
I30M	Mount Dempster	5.51 139	P	Pn	06 42 42.4 -0.3
I30M	Mount Dempster	5.51 139	P	Pn	06 42 42.2 -0.6
F19K	Shalercukik Mo	5.54 246	Pn	Pn	06 42 41.8 -1.2
F19K	Shalercukik Mo	5.54 246	Pn	Pn	06 42 43.0 0.0
H31M	Peel River	5.55 129	P	Pn	06 42 42.6 -0.7
H31M	Peel River	5.55 129	P	Pn	06 42 43.1 -0.2
A19K	Wainwright	5.59 284	P	Pn	06 42 44.2 +0.5
A19K	Wainwright	5.59 284	P	Pn	06 42 43.7 0.0
H20K	Anotleneega Mo	5.63 227	P	Pn	06 42 43.6 -0.7
SCRK	Sand Creek	5.68 176	P	Pn	06 42 45.3 +0.1
SCRK	Sand Creek	5.68 176	P	Pn	06 42 45.6 +0.4
K27K	Chicken	5.73 167	Pn	Pn	06 42 46.0 +0.3
K27K	Chicken	5.73 167	Pn	Pn	06 42 46.0 +0.3
BWN	Browne	5.76 200	Pn	Pn	06 42 45.4 -0.6
G19K	Purcell Moun	5.76 239	Pn	Pn	06 42 45.5 -0.6
G19K	Purcell Moun	5.76 239	Pn	Pn	06 42 45.3 -0.9
J29N	Klondike Camp	5.81 150	Pn	Pn	06 42 46.7 -0.2
J29N	Klondike Camp	5.81 150	Pn	Pn	06 42 46.8 -0.1
K24K	Donnelly Dome	5.86 184	P	Pn	06 42 47.9 +0.5
K24K	Donnelly Dome	5.86 184	P	Pn	06 42 47.9 +0.5
C18K	Utukok River	5.89 268	P	Pn	06 42 47.6 -0.3
C18K	Utukok River	5.89 268	P	Pn	06 42 47.5 -0.4
RIDG	Independent Ri	5.91 180	P	Pn	06 42 47.8 -0.4
RIDG	Independent Ri	5.91 180	P	Pn	06 42 48.5 +0.3
B18K	Kokolik River	5.93 275	P	Pn	06 42 48.4 -0.1
B18K	Kokolik River	5.93 275	P	Pn	06 42 48.4 -0.1
DAWY	Dawson	5.99 156	Pn	Pn	06 42 49.2 -0.1
DAWY	Dawson	5.99 156	Pn	Pn	06 42 49.5 +0.2
DOT	Dot Lake	6.02 176	Pn	Pn	06 42 49.8 +0.2
H19K	Roundabout Mou	6.02 232	P	Pn	06 42 48.7 -0.9
H19K	Roundabout Mou	6.02 232	P	Pn	06 42 49.1 -0.6
BPAW	Bear Paw Mtn.	6.04 206	Pn	Pn	06 42 49.8 -0.2
BPAW	Bear Paw Mtn.	6.04 206	Pn	Pn	06 42 49.3 -0.6
J30M	Hart River	6.07 142	P	Pn	06 42 50.9 +0.4
J30M	Hart River	6.07 142	P	Pn	06 42 50.2 -0.2
I20K	Naaghedeneel	6.10 222	P	Pn	06 42 50.4 -0.3
I20K	Naaghedeneel	6.10 222	P	Pn	06 42 50.1 -0.6
MCK	McKinley	6.13 197	P	Pn	06 42 51.3 +0.2
MCK	McKinley	6.13 197	P	Pn	06 42 51.4 +0.3
E18K	Tukpahlearik C	6.16 256	P	Pn	06 42 51.5 -0.1
E18K	Tukpahlearik C	6.16 256	P	Pn	06 42 51.6 +0.1
F18K	Selawik	6.28 248	P	Pn	06 42 52.9 -0.2
F18K	Selawik	6.28 248	P	Pn	06 42 53.0 -0.2
G18K	Tagagawik	6.41 241	P	Pn	06 42 54.2 -0.8
G18K	Tagagawik	6.41 241	P	Pn	06 42 53.7 -1.2
RND	Reindeer	6.44 196	Pn	Pn	06 42 55.8 +0.3
CHUM	Lake Mlchumin	6.46 210	Pn	Pn	06 42 55.3 -0.4
CHUM	Lake Mlchumin	6.46 210	Pn	Pn	06 42 55.1 -0.5
K29M	Barlow Dome	6.50 150	Pn	Pn	06 42 56.5 +0.2
K29M	Barlow Dome	6.50 150	Pn	Pn	06 42 56.5 +0.2
KTH	Kantishna Hill	6.54 204	Pn	Pn	06 42 56.7 -0.2
J20K	Nowinta River	6.56 218	Pn	Pn	06 42 56.5 -0.5
J20K	Nowinta River	6.56 218	Pn	Pn	06 42 56.8 -0.2
C17K	Delong Mountain	6.64 269	P	Pn	06 42 57.1 -1.0
C17K	Delong Mountain	6.64 269	P	Pn	06 42 57.1 -1.0
DHY	Denali Highway	6.65 190	Pn	Pn	06 42 59.5 +1.1
DHY	Denali Highway	6.65 190	Pn	Pn	06 42 58.5 +0.1
L26K	Log Cabin Wild	6.66 174	P	Pn	06 42 58.4 -0.0
L26K	Log Cabin Wild	6.66 174	P	Pn	06 42 58.7 +0.3
PAX	Paxson	6.69 182	P	Pn	06 42 59.5 +0.7
PAX	Paxson	6.69 182	P	Pn	06 42 59.2 +0.4
RDOG	Red Dog Mine	6.69 265	Pn	Pn	06 42 58.0 -0.9
RDOG	Red Dog Mine	6.69 265	Pn	Pn	06 42 57.8 -1.1
BCAR	Beaver Creek	6.71 168	Pn	Pn	06 42 59.2 +0.1
L27K	Beaver Creek	6.71 168	Pn	Pn	06 42 58.8 -0.3
L27K	Beaver Creek	6.71 168	Pn	Pn	06 42 59.2 +0.2
GCSA	Galena City Sc	6.74 229	P	Pn	06 42 58.4 -1.1
E17K	Hotham Inlet	6.74 256	Pn	Pn	06 42 58.8 -0.8
E17K	Hotham Inlet	6.74 256	Pn	Pn	06 42 58.7 -0.8
H18K	Hornhosa River	6.84 236	P	Pn	06 42 59.8 -1.1
H18K	Hornhosa River	6.84 236	P	Pn	06 42 59.9 -1.0
A36M	Sachs Harbour	6.89 61	P	Pn	06 43 00.6 -1.0
A36M	Sachs Harbour	6.89 61	P	Pn	06 43 00.7 -0.8
D17K	Noatak River	6.89 262	Pn	Pn	06 43 00.3 -1.2
D17K	Noatak River	6.89 262	Pn	Pn	06 43 00.2 -1.4
F17K	Baldwin Pennin	6.89 250	P	Pn	06 43 00.3 -1.3
F17K	Baldwin Pennin	6.89 250	P	Pn	06 43 00.3 -1.3
WAT1	Susitna Watana	6.98 194	P	Pn	06 43 03.5 +0.7
WAT1	Susitna Watana	6.98 194	P	Pn	06 43 03.0 +0.1
WAT7	Susitna Watana	7.00 195	Pn	Pn	06 43 04.0 +0.8
J19K	Poorman	7.04 222	P	Pn	06 43 02.9 -0.8
J19K	Poorman	7.04 222	P	Pn	06 43 03.0 -0.8
L29M	L29M	7.08 154	Pn	Pn	06 43 04.0 -0.3
L29M	L29M	7.08 154	Pn	Pn	06 43 04.0 -0.3
WAT6	Susitna Watana	7.16 191	Pn	Pn	06 43 06.6 +1.1
WAT6	Susitna Watana	7.16 191	Pn	Pn	06 43 06.2 +0.7
HARP	HAARP	7.26 181	Pn	Pn	06 43 08.2 +1.6
HARP	HAARP	7.26 181	Pn	Pn	06 43 06.4 -0.2
K20K	Telida	7.27 214	P	Pn	06 43 07.4 +0.6
K20K	Telida	7.27 214	P	Pn	06 43 06.1 -0.7
G17K	Kiwalik Moun	7.29 243	Pn	Pn	06 43 06.6 -0.4
G17K	Kiwalik Moun	7.29 243	Pn	Pn	06 43 06.8 -0.2
M26K	Nabesna, AK	7.29 173	Pn	Pn	06 43 07.6 +0.4
M26K	Nabesna, AK	7.29 173	Pn	Pn	06 43 07.6 +0.4
C36M	Paulatuk	7.32 82	Pn	Pn	06 43 05.5 -2.0
C36M	Paulatuk	7.32 82	Pn	Pn	06 43 05.6 -1.8
PPLA	Purkeypile	7.36 207	Pn	Pn	06 43 08.2 +0.1

PPLA	Purkeypile	7.36 207	P	Pn	06 43 07.8 -0.3
M27K	Edge Creek, AK	7.40 169	P	Pn	06 43 08.4 -0.3
M27K	Edge Creek, AK	7.40 169	P	Pn	06 43 09.1 +0.4
H17K	Granite Moun	7.45 238	Pn	Pn	06 43 09.0 -0.3
H17K	Granite Moun	7.45 238	Pn	Pn	06 43 09.7 +0.5
C16K	Lisburne Hills	7.46 269	P	Pn	06 43 08.0 -1.4
C16K	Lisburne Hills	7.46 269	P	Pn	06 43 08.4 -1.0
CUT	Chulitna	7.56 199	P	Pn	06 43 12.3 +1.5
M24K	Tolsona, Glenn	7.57 184	P	Pn	06 43 12.7 +1.8
M24K	Tolsona, Glenn	7.57 184	P	Pn	06 43 12.7 +1.8
M29M	Somme Creek	7.67 157	P	Pn	06 43 12.2 -0.2
M29M	Somme Creek	7.67 157	P	Pn	06 43 12.7 +0.3
WACK	Wrangell Chich	7.67 178	Pn	Pn	06 43 13.4 +0.9
J18K	Innoko River	7.75 223	Pn	Pn	06 43 12.3 -0.1
J18K	Innoko River	7.75 223	Pn	Pn	06 43 12.4 -1.1
M30M	Minto, Yukon	7.80 151	P	Pn	06 43 12.9 -1.2
M30M	Minto, Yukon	7.80 151	P	Pn	06 43 13.6 -0.5
SCM	Sheep Creek Mo	7.88 188	P	Pn	06 43 16.9 +1.6
SCM	Sheep Creek Mo	7.88 188	P	Pn	06 43 15.8 +0.5
G16K	Koyuk River	7.90 246	Pn	Pn	06 43 13.7 -1.6
G16K	Koyuk River	7.90 246	Pn	Pn	06 43 13.5 -1.9
M23K	Glacier View	7.95 190	P	Pn	06 43 18.5 +2.4
M23K	Glacier View	7.95 190	P	Pn	06 43 17.5 +1.4
SML	Sawmill	7.97 192	Pn	Pn	06 43 17.0 +0.5
SML	Sawmill	7.97 192	Pn	Pn	06 43 16.9 +0.4
L20K	L20K	8.03 211	Pn	Pn	06 43 16.8 -0.5
L20K	L20K	8.03 211	Pn	Pn	06 43 16.3 -1.0
YUK2	White River	8.04 166	Pn	Pn	06 43 18.0 +0.5
GHO	Glory Hole Cre	8.05 194	Pn	Pn	06 43 17.6 0.0
N25K	China, Valde	8.05 179	Pn	Pn	06 43 17.7 +0.1
YUK3	Moose Creek	8.09 165	Pn	Pn	06 43 18.8 +0.6
YUK3	Moose Creek	8.09 165	Pn	Pn	06 43 18.0 -0.2
SKT	Skwentna	8.13 203	Pn	Pn	06 43 19.1 +0.5
SKT	Skwentna	8.13 203	Pn	Pn	06 43 18.0 -0.6
KLU	Klutina	8.18 183	Pn	Pn	06 43 19.5 +0.2
M22K	Willow	8.19 198	Pn	Pn	06 43 19.3 0.0
GLB	Gilahina Butte	8.23 176	Pn	Pn	06 43 21.0 +1.0
PMR	Palmer	8.25 194	Pn	Pn	06 43 19.4 -0.8
MCARA	McCarthy VSAT	8.31 174	Pn	Pn	06 43 22.0 +1.0
MCARA	McCarthy VSAT	8.31 174	Pn	Pn	06 43 21.7 +0.6
H16K	Ellim	8.37 242	P	Pn	06 43 21.1 -0.7
H16K	Ellim	8.37 242	P	Pn	06 43 20.5 -1.3
KNK	Knik Glacier	8.37 192	Pn	Pn	06 43 23.7 +1.8
J17K	VABM Dome	8.40 229	Pn	Pn	06 43 21.6 -0.7
J17K	VABM Dome	8.40 229	Pn	Pn	06 43 21.2 -1.1
F15K	North Star Dit	8.45 252	Pn	Pn	06 43 21.7 -1.2
H17K	Unalakleet	8.46 235	Pn	Pn	06 43 22.7 -0.4
H17K	Unalakleet	8.46 235	Pn	Pn	06 43 22.7 -0.4
M20K	Styx River	8.46 207	Pn	Pn	06 43 23.6 +0.4
M20K	Styx River	8.46 207	Pn	Pn	06 43 23.6 +0.4
L19K	White Mountain	8.49 213	Pn	Pn	06 43 23.0 -0.6
L19K	White Mountain	8.49 213	Pn	Pn	06 43 22.8 -0.7
PTPK	Patty Peak	8.53 172	Pn	Pn	06 43 26.6 +2.3
SUA	Susitna One	8.54 199	Pn	Pn	06 43 26.9 +2.7
SUA	Susitna One	8.54 199	Pn	Pn	06 43 26.0 +1.7
M31M	Drury Creek, Y	8.59 145	Pn	Pn	06 43 24.3 -0.6
M31M	Drury Creek, Y	8.59 145	Pn	Pn	06 43 24.9 0.0
STLK	Strandline Lak	8.64 203	Pn	Pn	06 43 26.5 +0.9
YUK8	Steele Glacier	8.64 163	Pn	Pn	06 43 26.9 +1.1
YUK8	Steele Glacier	8.64 163	Pn	Pn	06 43 26.3 +0.5
M19K	Big River Lodg	8.66 211	Pn	Pn	06 43 25.8 0.0
M19K	Big River Lodg	8.66 211	Pn	Pn	06 43 25.8 0.0
BMRM	Bremner River	8.69 179	Pn	Pn	06 43 29.0 +2.6
BMRM	Bremner River	8.69 179	Pn	Pn	06 43 25.7 -0.7
G15K	Niukuk	8.70 247	Pn	Pn	06 43 24.5 -1.9
YUK4	Talbot Arm	8.71 160	Pn	Pn	06 43 26.0 -0.7
K17K	Iditarod	8.77 224	P	Pn	06 43 26.3 -1.0
K17K	Iditarod	8.77 224	P	Pn	06 43 27.4 -0.2
FARO	Faro, Yukon	8.78 142	P	Pn	06 43 26.8 -0.8
FARO	Faro, Yukon	8.78 142	P	Pn	06 43 26.8 -0.8
RC01	Rabbit Creek A	8.80 195	Pn	Pn	06 43 30.3 +2.6
RC01	Rabbit Creek A	8.80 195	Pn	Pn	06 43 27.8 +0.1
KIAG	Kiagna River	8.80 172	Pn	Pn	06 43 30.5 +2.6
N30M	Aishik Lake	8.81 155	Pn	Pn	06 43 28.5 +0.6
N30M	Aishik Lake	8.81 155	Pn	Pn	06 43 28.1 +0.1
CTG	China Glacier	8.82 169	Pn	Pn	06 43 28.9 +0.7
CTG	China Glacier	8.82 169	Pn	Pn	06 43 29.9 +1.7
GLM	Glacier Island	8.83 187	Pn	Pn	06 43 28.1 -0.1
L18K	Granite Moun	8.83 218	Pn	Pn	06 43 28.2 0.0
L18K	Granite Moun	8.83 218	Pn	Pn	06 43 28.1 -0.1</

IDC 01 06:42:25.4;0.28;83S;74.48E,h0km,mb4.2/9, mbmp4.2/9,Error ellipse: s-maj=31.1km s-min=24.0km az=53.0

ISC 01 06:42:27.1;1.0;28.8S;0.2;74.5E;0.2,h10km,n21, c=053/9,mb4.2/9,Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, ISC. Lists stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, etc.

DJA 01 06:47:33.2;0.6;7.5S;6.12E, h428km,11km,M4,1/8, mb3.9/4,mb4.5/1,MLV4.2/8,MW(MB)3.7/1

IDC 01 06:47:34.8;3.5;7.03S;126.62E,h434km,42km,mb3.3/5, mbmp4.2/7,Error ellipse: s-maj=58.6km s-min=12.8km az=67.0

ISC 01 06:47:33.2;0.8;7.00S;0.06;126.8E;0.1,h400km,n13, c=188/17,mb3.7/5,Banda Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, ISC. Lists stations like SOEI Soe, SOEI Namlea, EATI Baumata, etc.

IDC 01 07:11:48.3;2.1;18.85N;145.52E,h158km,20km, mb3.6/13,mbmp4.1/16,Error ellipse: s-maj=20.3km s-min=12.1km az=89.0

NEIC 01 07:15:19.1;4.1;18.57N;0.10;145.9E;0.2,h183km,8km, mb4.6/39,Error ellipse: s-maj=27.2km s-min=14.0km az=92.0

ISC 01 07:11:47.9;0.6;18.79N;0.06;145.6E;0.1,h150km,n66, c=153/61,mb4.4/33,Mariana Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, ISC. Lists stations like GUMO Guam, GUMO Guam, GUMO Guam, etc.

AS31 Alice Springs 43.72 196 P P 07 19 37.8 -0.6 ASAR Alice Springs 43.73 196 P P 07 19 37.7 -0.7 ASAR Alice Springs 43.73 196 P P 07 19 38.0 -0.4

CMAR Chiang Mai Arr 44.15 277 P P 07 19 41.0 -0.9 comp=Z,0.3nm,0.5s comp=Z,0.8nm,0.3s,baz=76,slow=9.6,SNR=1.6

FORT Forteres 52.10 199 P P 07 20 42.2 -0.4 BBOO Buckleboe 52.12 190 P P 07 20 41.1 -1.7 M13K Dall Lake 54.99 28 P P 07 21 04.2 +0.9 K13K Kusilvak Mount 55.12 26 P P 07 21 05.7 +1.5

O14K Tigykauvit 55.46 30 P P 07 21 07.6 +0.9 L14K Kukka Creek 55.69 27 P P 07 21 10.0 +1.8 comp=Z,19nm,1.5s

M14K Bethel 55.75 28 P P 07 21 09.9 +1.2 comp=Z,1.5nm,1.2s J14K Nanvaranak Lak 55.96 26 P P 07 21 11.3 +1.2

K15K Wolf Creek Mtn 56.59 26 P P 07 21 15.5 +0.8 comp=Z,6.7nm,1.2s M16K Timber Creek 57.21 28 P P 07 21 19.8 +0.7

L16K Ohwah River 57.24 28 P P 07 21 19.9 +0.6 comp=Z,7.3nm,1.4s N17K Nushagak Hills 57.84 29 P P 07 21 24.7 +1.2

M17K Holitna River 58.03 28 P P 07 21 26.1 +1.2 comp=Z,1.1nm,1.1s K17K Iditarod 58.13 27 P P 07 21 27.1 +1.6

M17K Makanchi Array 58.36 314 P P 07 21 26.8 -0.6 comp=Z,0.2nm,0.5s,baz=95,slow=6.7,SNR=2.5 L18K Granite Mouna 58.65 28 P P 07 21 30.7 +1.6

H18K Honhosa River 59.06 24 P P 07 21 32.4 +0.5 N19K Bonanza Creek 59.19 30 P P 07 21 34.2 +1.2

L19K White Mountain 59.45 28 P P 07 21 35.6 +0.9 J19K Poorman 59.73 26 P P 07 21 37.1 +0.7

I20K Nowitna River 60.40 26 P P 07 21 42.4 +1.4 SKT Skwentna 60.89 29 P P 07 21 43.9 -0.6 comp=Z,1.3nm,1.4s

IMAR Indian Mountain 61.16 24 P P 07 21 47.0 +0.9 KURBB Kurchatov Arra 61.22 314 P P 07 21 45.1 -1.6 comp=Z,0.3nm,0.3s

KTH Kantishna Hill 61.58 27 P P 07 21 50.1 +1.0 MLY Manley 62.06 25 P P 07 21 53.1 +0.9

SML Sawmill 62.32 29 P P 07 21 54.5 +0.5 SCM Sheep Creek Mo 62.79 29 P P 07 21 57.6 +0.4

ILAR Eielson Array 63.59 26 P P 07 22 01.4 -1.0 comp=Z,1.2nm,0.5s J26L Joseph Creek 64.94 27 P P 07 22 11.4 +0.1

BVAR Borovoye Array 66.37 320 P P 07 22 18.5 -2.0 comp=Z,1.7nm,0.7s,baz=96,slow=7.1,SNR=4.9 ABKAR Akbulak arry 73.23 317 P P 07 23 01.1 -1.4

ABKAR Akbulak arry 73.23 317 P P 07 23 00.9 -1.6 comp=Z,1.9nm,1.1s YKA Yellowknife Arr 77.93 28 P P 07 23 28.5 -0.5

PINE Pine Mountain 79.64 47 P P 07 23 39.0 +0.1 comp=Z,4.3nm,0.8s PNTR Pine Hut 81.96 52 P P 07 23 51.4 0.0

ARCES ARCES Array B 82.99 342 P P 07 23 52.4 -0.4 comp=Z,1.6nm,0.8s,nvaz=294,slow=6.0,SNR=12 NVAR Mina Array Bea 83.12 52 P P 07 23 58.3 +0.8

FINES FINESS Array B 86.78 335 P P 07 24 12.7 -2.2 comp=Z,0.6nm,0.4s,baz=266,slow=6.0,SNR=22 PDAR Pinedale Array 87.80 45 P P 07 24 19.5 -1.1

LPAZ La Paz 147.73 91 PKPbc PKPdf 07 31 15.8 +2.3 comp=Z,0.8nm,0.4s,baz=333,slow=4.2,SNR=4.8

MOS 01 07:24:32.5;0.9;32.72N;140.45E,h129km,mb4.2/20, Error ellipse: s-maj=16.1km s-min=6.9km az=107.3

NEIC 01 07:24:34.5;1.6;32.72N;0.05;140.4E;0.1,h127km,5km, mb4.4/19,Error ellipse: s-maj=13.7km s-min=7.3km az=93.0

IDC 01 07:24:35.4;0.6;32.73N;140.08E,h127km,3km,mb3.7/17, mbmp4.1/20,MS3.7/4,Error ellipse: s-maj=18.5km s-min=10.9km az=72.0

JMA 01 07:24:36.1;0.1;32.8N;0.3;14.0E, h125km,1km, MD4.2/36,MV4.1/36,E OFF HACHIOJIMA ISLAND

ISC 01 07:24:35.3;0.7;32.77N;0.05;140.26E;0.06,h130km,5km, n133,c1906/134,mb4.2/44,7C,Southeast of Honshu

JHCJ Hachiojimakas 0.50 308 P P 07 25 09.0 +0.3 JHCJ Mitsune 0.51 313 Pn Pn 07 25 49.0 +0.6

JHJ2 Mitsune 0.51 313 Pn Pn 07 25 45.0 +0.6 JHJ2 Mitsune 0.51 313 Pn Pn 07 25 49.0 +0.6

JAOM Aogashimamukai 0.52 235 P P 07 24 55.3 +0.9 JAOM Aogashimamukai 0.52 235 A P 07 24 55.3

JAOM Hachiojima 2 0.54 311 LR LR 07 24 31.7 JHJ comp=N,6nm,0.3s,baz=336,slow=1.9,SNR=1696

JMKM Mikurajimash 1.26 334 eP Sn 07 25 09.0 +0.2 JMKN Miyake Tsubota 1.42 335 S Sn 07 25 19.9 -0.2

JMYK Miyake Tsubota 1.42 335 S Sn 07 25 23.0 -0.3 comp=E,1.1nm,0.4s,comp=N,7.0nm,3.3s

JGF Kuroka 3.71 320 P Pn 07 25 32.7 +1.5 INU Inuyama 3.73 315 P Pn 07 25 32.4 +1.1

MJAR Matsuhiro Arr 4.13 336 P Pn 07 25 36.6 -0.1 comp=N,6.2nm,0.4s,baz=160,slow=1.1,SNR=25

MAJO Matsuhiro 4.13 336 P Pn 07 25 38.0 +1.2 MAJO Matsuhiro 4.13 336 P Pn 07 25 37.9 +1.2

MAJO Matsuhiro 4.13 336 P Pn 07 25 38.0 +1.2 MAJO Matsu-Tunnel 4.13 336 P Pn 07 25 37.7 +0.5

JMM Marumori 5.11 5 P Pn 07 25 48.4 -1.4 JMM Marumori 5.11 5 P Pn 07 25 48.5 -1.2

JMN Monobe 5.43 282 P Pn 07 25 54.9 +0.8 JMN Monobe 5.43 282 P Pn 07 25 53.5 +1.2

JSD Sado 5.51 343 P Pn 07 25 54.0 -1.0 JSD Sado 5.51 343 P Pn 07 25 55.1 0.0

JCJ Chichijima 5.89 163 Pn Pn 07 25 57.8 -2.5 JCJ Chichijima 5.89 163 Pn Pn 07 25 57.6 -2.7

JCJ Chichijima 5.89 163 Pn Pn 07 25 53.4 -6.9 comp=N,49nm,0.3s,baz=346,slow=21,SNR=34.9

JCJ comp=N,84nm,0.3s,baz=308,slow=19,SNR=3.8 LR LR 07 27 59.8

JNU Nakatsue 7.89 275 Pn Pn 07 26 27.0 -0.3 JNU Nakatsue 7.89 275 Pn Pn 07 26 25.5 -1.8

JTM Tenmabayashi 8.03 4 P Pn 07 26 27.6 -2.3 JTM Tenmabayashi 8.03 4 P Pn 07 26 27.7 -1.3

ERM Erimo 9.52 13 P Pn 07 26 46.6 -2.3 ERM Erimo 9.52 13 P Pn 07 26 47.3 -1.6

ERM Erimo 9.52 13 P Pn 07 26 47.4 -1.5 JKA Kamikawa-asahi 11.48 8 Pn Pn 07 27 12.4 -2.8

ASAJ Asahikawa 11.48 8 Pn Pn 07 27 12.3 -2.9 comp=N,2.5nm,0.3s,baz=201,slow=15,SNR=7.3

YSS Yuzh-Sakhalins 14.30 7 eP Pmax 07 27 57.3 +2.4 YSS comp=N,2.0nm,0.9s,baz=30,slow=20,SNR=1.5

KLR Kul'dur 17.64 341 P P 07 28 31.1 -0.7 ZEA Zeya 22.93 340 eP Pmax 07 29 29.7 +1.8

ZEA comp=Z,10.0nm,0.8s MLR MLR 07 31 07.7 +1.5 HHC Hu-ho-hao-te 24.27 298 eP Pmax 07 29 39.8 -0.6

HHC comp=Z,6.0nm,0.6s Pmax Pmax 07 29 22.2 HHC comp=Z,11.0nm,6.8s Pmax Pmax 07 59 22.2

H11N2 WAKE ISLAND Hy 27.10 112 T T 07 59 25.5 H11N1 WAKE ISLAND Hy 27.11 112 T T 07 59 23.3

H11N3 WAKE ISLAND Hy 27.12 112 T T 07 59 23.3 H11S3 WAKE ISLAND Hy 27.64 114 T T 07 59 53.1

H11S1 WAKE ISLAND Hy 27.65 114 T T 08 00 01.8 H11S2 WAKE ISLAND Hy 27.66 114 T T 08 00 06.8

SONM Songino Array 29.61 311 P P 07 30 28.1 -0.1 YAK Yakutsk 30.06 350 LR LR 07 42 18.8

YAK Yakutsk 30.06 350 iP P 07 30 30.8 -1.0 YAK comp=Z,6.0nm,0.8s Pmax Pmax 07 30 39.1 -2.3

SEY Seymchan 31.15 11 iP Pmax 07 31 07.7 +1.5 PZH PanZhihua 33.92 270 P Pmax 07 31 07.7 +1.5

PZH comp=Z,2.0nm,0.8s Pmax Pmax 07 31 07.7 +1.5 PZH comp=Z,10.0nm,5.7s Pmax Pmax 07 31 43.5 +0.1

BILL Bilibino 38.38 15 eP Pmax 07 31 43.5 +0.1 CMAR Chiang Mai Arr 39.63 259 P P 07 31 53.1 -1.1

CMAR Chiang Mai Arr 39.63 259 iP Pmax 07 31 54.0 -0.4 comp=Z,1.0nm,0.4s DGZ Jazatar, Alta 42.25 310 P Pmax 07 32 15.3 -0.4

DGZ comp=Z,3.0nm,0.8s Pmax Pmax 07 34 13.5 +0.1 ZALV Zalesovo Beam 44.20 316 P Pmax 07 34 13.5 +0.1

MAKZ Makanchi 45.92 306 P P 07 32 45.2 +0.4 MAKZ Makanchi 45.92 306 P P 07 32 45.2 +0.4

MAKZ Makanchi 45.92 306 P P 07 32 45.2 +0.4 MAKZ Makanchi 45.92 306 P P 07 32 45.2 +0.4

MAKZ Makanchi 45.92 306 P P 07 32 45.2 +0.4 MAKZ Makanchi 45.92 306 P P 07 32 45.2 +0.4

MAKZ Makanchi 45.92 306 P P 07 32 45.2 +0.4 MAKZ Makanchi 45.92 306 P P 07 32 45.2 +0.4

ASAR	Alice Springs	56.44	187	P	P	07 34 03.2	-0.2
SMJ	Simiganj	56.83	298	P	I Amb	07 34 05.8	-0.6
ISOM	Mount Dempster	58.03	30	P	P	07 34 15.9	+1.6
ARU	Arti	58.97	320	P	P	07 34 20.4	-0.4
ABKAR	Abkudlak Arras	60.02	312	P	I Amb	07 34 27.9	-0.2
FORT	Forrest	64.25	192	P	P	07 34 56.4	0.0
ARES	ARCES Array B	68.65	340	P	P	07 35 18.6	+0.8
YKA	Yellowknife Ar	67.98	29	LR	LR	08 10 22.8	
NWAO	Narogin (SRO)	68.85	201	P	P	07 35 25.2	-0.4
NWAO	Narogin (SRO)	68.85	201	P	P	07 35 25.2	-0.4
OBN	Obninsk	70.96	324	eP	P	07 35 37.9	-0.4
FIAT	FINESS Array S	72.15	333	P	P	07 35 44.8	-0.5
FINES	FINESS Array B	72.15	333	P	P	07 35 45.2	+0.1
KBZ	Khabaz	72.98	311	iP	P	07 35 50.1	-0.5
KIV	Kislovodsk	73.00	312	eP	P	07 35 51.4	+0.5
AKASG	Malin Array Be	77.09	322	P	P	07 36 13.9	-0.1
HFS	Hagfors	77.09	322	eP	P	07 36 16.6	0.0
NB201	NORSAR Array S	77.72	337	P	I Amb	07 36 17.5	+0.1
NB2	NORSAR Subarra	77.75	337	P	P	07 36 17.6	0.0
NOA	NORSAR Array B	77.75	337	P	P	07 36 17.5	-0.1
NVAR	Mina Array Bea	78.33	52	P	P	07 36 23.3	+1.8
SFJD	Kangerlussuaq	80.21	4	LR	LR	08 15 39.5	
BRTR	Keskin Array B	80.97	312	P	P	07 36 35.8	+0.2
PDAR	Pinedale Array	81.35	44	P	P	07 36 39.0	+1.3
RAYN	Ar Rayn	81.39	292	P	I Amb	07 36 38.0	0.0
MMAI	Mount Meron Ar	83.65	305	P	P	07 36 50.6	+1.0
CLL	Collim	84.31	330	iP	P	07 36 52.5	0.0
KHC	Kasperske Hory	85.67	328	eP	P	07 36 59.3	0.0
TXAR	Lajitas Array	93.49	52	P	P	07 37 37.9	+1.3
TORD	Torodi Ar Bea	119.58	312	PKP	PKP	07 43 09.5	-0.8
QSPA	South Pole Qui	122.52	180	PKP	PKP	07 43 14.2	-0.4
LPAZ	La Paz	149.54	64	PKP	PKP	07 44 11.3	-0.3

JSN 01 07:27:20.7±0.8, 18°03'N-79°33'W, h15km, gggkm
 SSNC 01 07:27:23N±0.0, 80°09'W, h25km, 267km, MD3.7,
 ML2.8, 1C, North of Honduras

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
MTDJ	Mount Denham	2.43	90	iP	Pn	07 27 57.5	-0.4
STH	Stony Hill	3.12	93	iP	Pn	07 28 06.7	-0.7
LMGC	Mas Mercedes	3.42	98	eS	Sb	07 29 10.5	-1.0
LMGC						07 29 09.9	
CHIV	Chivirico	3.87	63	eP	Pn	07 28 16.3	-1.3
MARVS	Santiago de Cu	4.32	67	eP	Pn	07 28 22.6	-1.3
RCC	Rio Carpintero	4.50	66	eP	Pn	07 28 25.6	-0.7
HLCG	Holguin	4.61	55	eP	Pn	07 28 27.4	-0.5
GTBY	Guantanamo Bay	4.99	59	eP	Pn	07 28 33.9	+0.3
GTBY	Guantanamo Bay	4.99	59	eP	Pn	07 28 33.9	+0.1
QMBU	Quimbuelo	5.35	68	eP	Pn	07 28 37.3	-0.6

IDC 01 07:46:21.8±10.0, 7.955°S-128°50'E, h352km, 119km,
 mb3.0/4, mbtmp3.8/5, Error ellipse: s-maj=170.4km
 s-min=31.6km az=68.0

ISC 01 07:45:51.3±1.1, 7.75°S-128°2'E, h35km, n6, c3f46/8,
 mb3.14, Banda Sea

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
WRA	Warramunga Arr	13.59	155	P	P	07 49 10.1	-0.1
WRA						07 51 32.5	+1.0
ASAR	Alice Springs	16.84	162	P	P	07 49 52.0	+5.7
ASAR						07 52 45.7	-4.9
STKA	Stephens Creek	27.14	154	P	P	07 51 30.8	-0.5
SOMN	Songino Array	58.51	343	P	P	07 55 44.0	-0.2
MKAR	Makanchi Array	67.81	328	P	P	07 56 46.2	+0.4
KURBB	Kurchatov Arr	72.14	329	P	P	07 57 10.9	-1.3

IDC 01 08:00:22.4±21.0, 27.65°N-81°83'E, h0km, mb4.6/3,
 mbtmp3.5/4, ML3.3/1, Error ellipse: s-maj=359.8km
 s-min=73.9km az=29.0, Nepal-India border region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
MKAR	Makanchi Array	19.11	1	P	P	08 04 46.0	-0.8
KURBB	Kurchatov Arr	23.08	355	P	P	08 05 30.4	+0.9
ZALV	Zalesovo Beam	26.36	4	P	P	08 05 59.2	-0.9
SOMN	Songino Array	27.79	37	P	P	08 06 13.4	+0.3

TIR 01 08:03:41.8, 38°42'N-23°56'E, h33km, 19km, ML3.8

IDC 01 08:03:49.0±0.9, 39°01'N-23°25'E, h0km, mb3.7/11,
 mbtmp3.7/18, ML3.5/6, MS3.1/9, Error ellipse:
 s-maj=16.6km s-min=14.2km az=99.0
 THE 01 08:03:49.7, 38°97'N-23°26'E, h2km, ML3.8/17, Error
 ellipse: s-maj=0.9km s-min=0.4km az=179.0
 ATH 01 08:03:49.6, 38°97'N-23°30'E, h6km, 1km, ML3.7/26, Error
 ellipse: s-maj=1.4km s-min=0.7km az=160.0
 PDG 01 08:03:49.5±0.7, 39°02'N-23°29'E, h8km, 1km, ML3.8/6,
 Error ellipse: s-maj=0.8km s-min=0.9km az=0.0
 ISK 01 08:03:50.5, 39°07'N-23°27'E, h11km, ML3.8/18
 AFAD 01 08:03:51.9±0.0, 39°11'N-23°20'E, h8km, 7km, MW3.9
 NAO 01 08:04:16.9±1.1, 41°39'N-23°32'E, h33km, mb3.2
 ISC 01 08:03:49.4±1.1, 38.99°N-022.23°E-0.01, h5km, gkgm,
 n180, 01811/228, mb3.6/11, MS3.2/3, 12C-14D, Greece

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
AXAR	Agios Charalam	0.53	246	P	S	08 03 59.4	-0.2
AXAR						08 04 06.8	+0.4
AXAR	Agios Charalam	0.53	246	P	S	08 03 59.0	-0.6
AXAR						08 04 08.0	+1.6
AXAR						08 04 11.5	
AXAR						08 04 12.6	
AXAR						08 04 03.7	+0.2
KYMI	Kymi, Euboea I	0.73	118	P	S	08 04 14.3	+1.3
KYMI						08 04 03.2	-0.3
KYMI						08 04 13.3	+0.3
KYMI						08 04 16.3	
KYMI						08 04 16.9	
VIL2	Platees	0.77	180	P	S	08 04 04.2	-0.1
VIL2						08 04 15.7	+1.5
VIL2						08 04 21.1	
VIL2						08 04 22.1	
DLFA	Delphi	0.79	230	P	S	08 04 03.9	-0.7
DLFA						08 04 15.4	+0.5
DLFA						08 04 17.2	
DLFA						08 04 19.3	
DLFA						08 04 04.5	-0.6
VILL	Villia	0.82	178	P	S	08 04 16.5	+0.5
VILL						08 04 23.1	
MAKR	Makrakomi, Fth	0.89	272	P	S	08 04 06.0	-0.5
MAKR						08 04 19.5	+0.1
MAKR	Makrakomi, Fth	0.89	272	P	S	08 04 05.8	-0.7
MAKR						08 04 19.7	+0.1
MAKR						08 04 22.7	
MAKR						08 04 29.2	
LRSO	Larissa Observ	0.97	315	P	Pb	08 04 08.3	-0.3
PAIG	Paliouri	0.99	18	P	Sb	08 04 08.7	-0.3
PAIG						08 04 22.2	-0.2
PAIG						08 04 09.0	0.0
PAIG						08 04 23.8	-0.6
SKY	Skiros Island	1.00	96	P	S	08 04 08.6	0.0
SKY						08 04 23.2	+0.5
SKY	Skiros Island	1.00	96	P	S	08 04 08.4	-0.2
SKY						08 04 21.2	-0.3
SKY						08 04 25.7	
SKY						08 04 26.4	
DION	Dionisios Attik	1.04	150	P	Sb	08 04 09.6	+0.2
DION						08 04 24.8	+0.9
DION	Dionisios Attik	1.04	150	P	Sb	08 04 09.5	+0.1
DION						08 04 22.7	-0.3
DION						08 04 28.9	
DION						08 04 29.3	
ATH	Athens Observa	1.07	161	P	S	08 04 09.7	-0.2
ATH						08 04 24.9	+1.1
ATH	Athens Observa	1.07	161	P	S	08 04 09.3	-0.7
ATH						08 04 22.2	-0.6
ATH						08 04 27.4	
ATH						08 04 28.1	
ATHU	Athens Univers	1.09	158	P	Sb	08 04 09.8	-0.6
ATHU						08 04 25.8	+0.4
ATHU	Athens Univers	1.09	158	P	Sb	08 04 09.6	-0.8
ATHU						08 04 23.9	-0.7
ANX	Ano Chora	1.13	250	P	Sb	08 04 10.2	-0.8
ANX						08 04 26.4	-0.1
ANX	Ano Chora	1.13	250	P	Sb	08 04 10.3	-0.8
ANX						08 04 31.5	0.0
ANX						08 04 33.1	
EVRY	Evrityania	1.15	267	P	S	08 04 11.2	-0.1
EVRY						08 04 27.7	-0.6
EVRY	Evrityania	1.15	267	P	S	08 04 11.2	-0.1
EVRY						08 04 38.0	
EVRY						08 04 44.6	
EFF	Efpalio	1.21	243	P	Sb	08 04 11.6	-1.1
EFF						08 04 28.8	+0.1
EFF	Efpalio	1.21	243	P	Sb	08 04 11.4	-1.3
EFF						08 04 29.3	-0.4
EFF						08 04 31.5	
EFF						08 04 34.9	
GUR	Goura	1.28	215	P	Sn	08 04 13.1	-0.9
GUR						08 04 31.8	+0.2
GUR	Goura	1.28	215	P	Sb	08 04 13.2	-0.8
GUR						08 04 30.4	-0.4
GUR						08 04 32.4	
GUR						08 04 37.1	
KLV	Kalavryta, Ach	1.29	224	P	S	08 04 13.2	-0.9
KLV						08 04 31.9	+0.1
KLV	Kalavryta, Ach	1.29	224	P	Pn	08 04 13.8	-0.4
KLV						08 04 14.6	-0.4
UPR	University Cam	1.36	239	P	S	08 04 34.1	+1.0
UPR						08 04 14.5	-0.6
UPR	University Cam	1.36	239	P	Sb	08 04 32.5	-0.6
UPR						08 04 14.9	-0.4
EPID	Epidavros	1.38	185	P	S	08 04 34.3	+0.4
EPID						08 04 14.4	-0.9
EPID							

1d 8h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like EDREB, IDI, PUK, DURS, PUV, ELND, DRME, etc.

NET 01 08:05:32.3, 0.4, 42.59N, 74.63E, h17km, 3km, ml1.8, Error ellipse: s-maj=2.8km s-min=2.2km az=137.0

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

2018 SEP

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHMS, CHMS, CHMS, etc.

20

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

IDC 01 08:11:48.1, 1.2, 2.3, 34.14N, 84.04E, h0km, mb3.5/4, mbmp3.4/7, ML2.0/2, MS3.1/4, Error ellipse: s-maj=64.6km

ISC 01 08:11:48.7, 1.7, 34.1N, 0.2, 83.6E, 0.2, h10km, n11, s179.9, mb3.5/3, MS3.2/3, Xizang

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

TIR 01 08:21:41.4, 39.22N, 21.74E, h21km, 2km, M3.4, IDC 01 08:21:41.1, 1.1, 39.37N, 21.61E, h0km, mb3.6/6, mbmp3.6/6, Error ellipse: s-maj=36.2km s-min=26.6km az=123.0

THE 01 08:21:43.7, 39.26N, 21.63E, h12km, 1km, ML3.4/14, Error ellipse: s-maj=1.2km s-min=0.6km az=149.0

ATH 01 08:21:43.4, 39.27N, 21.63E, h6km, 1km, ML3.3/25, Error ellipse: s-maj=1.6km s-min=0.7km az=199.0

BEO 01 08:21:44.2, 0.6, 39.29N, 21.74E, h6km, 3km, ML2.9/3, PDG 01 08:21:44.3, 1.1, 39.30N, 21.64E, h0km, 11km, ML3.4/9, Error ellipse: s-maj=1.3km s-min=1.1km az=0.0

ISC 01 08:21:43.7, 0.9, 39.26N, 0.02, 21.65E, 0.02, h16km, 7km, n136.1, s139.9/190, mb3.6/6, 2C-3D, Greece

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

TAP 01 08:06:39.0, 24.30N, 121.04E, h8km, ML0.9, C, Taiwan

AZER 01 09:15:47.2.38°16N:48°08'E, h10km, m12.2
TEH 01 09:15:48.0.38°12N:48°01'E, h19km, ML2.6
ISC 01 09:15:48.2.1.3.38.09N:0.06:48.06E:0.05, h24km, 15km,
n11, c110/16, Iran-Armenia-Azerbaijan border region

Code	Station Name	Δ° AZZ	Phase ID	Time Res	ISC
ISRB	Sarab	0.40 230	Op	h m s	ISC
LRK	Lerik	0.60 22	P	09 15 56.4	-0.5
LRK	Lerik	0.60 22	P	09 15 59.0	-1.1
GASI	Astara - Iran	0.69 64	Pg	09 16 07.5	-0.8
ASTR	Astara	0.75 51	P	09 16 07.1	+0.2
ASTR	Astara	0.75 51	P	09 16 02.3	-0.2
ASTR	Astara	0.75 51	P	09 16 12.6	+0.3
IHR5	Heris	0.83 286	Pg	09 16 03.2	-0.9
YRD	Yardimli	0.84 10	P	09 16 10.8	+0.8
YRD	Yardimli	0.84 10	P	09 16 15.7	-0.8
LKRN	Lenkeran, Azer	0.84 42	P	09 16 03.9	-0.3
LKRN	Lenkeran, Azer	0.84 42	P	09 16 15.9	-0.3
IHSB	Hashtud	1.00 119	Pg	09 16 06.9	-0.2
GLBA	Cilabrad	1.18 13	P	09 16 27.8	+2.9
IJZR	Azarshahr	1.69 257	Pg	09 16 19.6	+0.9
ISHB	Shabestar	1.93 277	Pn	09 16 22.9	0.0

WRA 01 09:16:00.0.1.9.6:31N:124°65E, h417km, 19km, mb3.3/14, mbtmp4.1/14, Error ellipse: s-maj=27.7km s-min=8.7km az=72.0

ISC 01 09:15:58.2.0.6.63N:0°1.124°6E:0.3, h400km, n15, c088/22, mb3.6/14, Mindanao

Code	Station Name	Δ° AZZ	Phase ID	Time Res	ISC
WRA	Warramunga Arr	27.79 160	P	09 21 13.1	+0.4
WRA	Warramunga Arr	27.79 160	P	09 21 13.1	+0.4
WRA	0.1nm, 0.4s, baz=342, slow=2, SNR=1.8		S	09 25 24.4	-1.6
WRA	0.2nm, 0.8s, baz=344, slow=14, SNR=2.0		ScP	09 27 19.0	-0.6
WRA	0.4nm, 1.0s, baz=342, slow=2, SNR=1.8		S	09 21 42.6	+0.6
ASAR	Alice Springs	31.14 163	P	09 21 42.6	+0.6
ASAR	0.7nm, 0.3s, baz=339, slow=4, SNR=2.2		PcP	09 24 26.5	+0.4
ASAR	0.3nm, 0.4s, baz=342, slow=2, SNR=1.8		S	09 26 17.7	-0.5
ASAR	0.2nm, 0.8s, baz=336, slow=13, SNR=2.5		ScP	09 27 29.1	-1.3
ASAR	0.2nm, 0.5s, baz=345, slow=2, SNR=1.8		S	09 21 41.9	-0.2
KSRS	Korea Array	31.17 5	P	09 21 41.9	-0.2
KSRS	0.6nm, 0.5s, baz=178, slow=6, SNR=2.3		P	09 21 53.6	-0.9
KSRS	0.6nm, 0.5s, baz=178, slow=6, SNR=2.3		P	09 21 53.6	-0.9
MJAR	Matsushiro Arr	32.60 21	P	09 21 53.6	-0.9
MJAR	2.6nm, 1.0s, baz=193, slow=8.5, SNR=5.7		P	09 23 07.9	+1.3
STKA	Stephens Creek	41.29 158	P	09 23 07.9	+1.3
STKA	3.9nm, 1.1s, baz=321, slow=8.4, SNR=4.5		P	09 23 30.1	+0.3
SONMI	Songino Array	44.21 342	P	09 23 30.1	+0.3
SONMI	0.7nm, 0.5s, baz=157, slow=8.3, SNR=2.6		P	09 24 43.5	+1.2
PETK	Petrovlovsk	53.94 24	P	09 24 43.5	+1.2
PETK	3.4nm, 0.8s, baz=216, slow=4.6, SNR=5.6		P	09 24 45.7	+1.2
PKAR	Makanchi Array	54.23 325	P	09 24 45.7	+1.2
PKAR	2.6nm, 0.5s, baz=122, slow=8.4, SNR=1.7		PcP	09 25 43.3	+0.3
PKAR	0.4nm, 0.7s, baz=152, slow=4.1, SNR=1.5		P	09 25 05.6	-0.5
ZALV	Zalesovo Beam	57.34 333	P	09 25 05.6	-0.5
ZALV	0.4nm, 0.4s, baz=134, slow=8.5, SNR=2.3		P	09 25 14.0	+0.4
KURBB	Kurchatov Arra	58.43 327	P	09 25 14.0	+0.4
KURBB	2.6nm, 0.7s, baz=126, slow=6.2, SNR=20		P	09 25 51.1	+0.5
BVAR	Borovoye Array	64.01 327	P	09 25 51.1	+0.5
BVAR	2.5nm, 0.6s, baz=94, slow=5.7, SNR=3.9		P	09 27 42.8	-0.5
ILAR	Eielson Array	83.73 26	P	09 27 42.8	-0.5
ILAR	0.3nm, 0.5s, baz=291, slow=1.1, SNR=7.3		P	09 28 00.4	-0.2
ARCES	ARCES Array B	87.31 340	P	09 28 00.4	-0.2
ARCES	2.5nm, 0.9s, baz=77, slow=4.0, SNR=1.8		P	09 28 05.6	-1.0
FINES	FINES Array B	88.57 332	P	09 28 05.6	-1.0
FINES	2.2nm, 0.9s, baz=92, slow=4.9, SNR=4.6		P	09 34 02.1	-1.1
TORD	Torodi Ar. Bea	120.06 289	PKP	09 34 02.1	-1.1
TORD	0.1nm, 0.4s, baz=93, slow=2.1, SNR=1.3		PKP		

ISN 01 09:28:27.5.0.6.34°67N:46°18E, h14km, 4km, ML2.5
TEH 01 09:28:28.0.34°63N:46°14E, h8km, 81km, ML2.6
ISC 01 09:28:27.8.1.3.34.64N:0.04:46.14E:0.03, h2km, 15km,
n11, c088/14, Western Iran

Code	Station Name	Δ° AZZ	Phase ID	Time Res	ISC
IDHR	Idhrash	0.22 73	Op	h m s	ISC
KGSI	Ghasr-e-Shirin	0.47 254	Pg	09 28 32.7	+0.7
IGHG	Ghaleghazi	0.47 130	Pg	09 28 37.7	-1.3
GLGI	Gilan-e-Gharb	0.55 200	Pg	09 28 38.8	+0.4
ILIN	Lien	0.74 67	Pg	09 28 42.0	0.0
KCHF	Cheshme Sefid,	0.83 115	Pg	09 28 44.1	-1.0
ILBA	Ilan Barzesh	1.01 177	Pg	09 28 47.2	0.0
SNQR	Songor, Kerman	1.25 79	Pg	09 28 52.6	+0.8
IDBR	Badra	1.53 186	ePg	09 28 56.0	-0.9
IDBR	Badra	1.53 186	ePg	09 29 17.0	0.0
IDBR	comp=N, 59nm, 0.3s		AML	09 29 32.4	
IDBR	comp=E, 103nm, 2.1s		AML	09 29 41.3	
IKRK	Kirkuk	1.66 298	ePn	09 28 58.0	-1.2
IKRK	Kirkuk	1.66 298	ePn	09 29 21.0	-0.2
RAFI	Al-Rafai	2.90 180	ePn	09 29 15.0	+0.9
RAFI	Al-Rafai	2.90 180	ePn	09 29 51.0	+0.4

ISC 01 09:33:19.9.2.6.11°20S:123°93E, h0km, mb3.5/1, mbtmp3.4/3, ML3.2/2, Error ellipse: s-maj=224.7km s-min=34.4km az=52.0, South of Timor

Code	Station Name	Δ° AZZ	Phase ID	Time Res	ISC
WRA	Warramunga Arr	13.26 132	Pn	09 36 28.9	-0.7
WRA	0.1nm, 0.3s, baz=308, slow=15, SNR=9.1		S	09 38 52.2	-5.7
ASAR	Alice Springs	15.62 144	Pn	09 37 02.3	+0.8
ASAR	0.1nm, 0.3s, baz=321, slow=12, SNR=26		S	09 39 51.4	-3.9
ASAR	0.1nm, 0.3s, baz=326, slow=24, SNR=5.1		S	09 44 25.2	0.0
PKAR	Makanchi Array	68.68 331	P	09 44 25.2	0.0
PKAR	0.3nm, 0.5s, baz=138, slow=7.3, SNR=2.6		P		
PKAR	0.3nm, 0.5s		P		

ISC 01 10:07:25.3.0.7.0°80S:165°92E, h0km, mb4.0/11, mbtmp4.0/12, ML4.0/1, MS3.3/14, Error ellipse: s-maj=30.1km s-min=20.1km az=115.0

NEIC 01 10:07:33.0.5.10°9S:0°2:166°04E:0°1, h58km, 15km, mb4.1/12, Error ellipse: s-maj=29.3km s-min=4.1km az=207.0

ISC 01 10:07:33.0.5.10°9S:0°07:166°0E:0°1, h61km, n69, c113/55, mb4.1/15, Santa Cruz Islands

Code	Station Name	Δ° AZZ	Phase ID	Time Res	ISC
HNR	Honiara	6.12 284	Op	h m s	ISC
KOUNC	Koumang, New Ca	9.67 189	Pn	10 09 01.2	-0.2
DZM	Mont Dzumac	11.06 178	Pn	10 09 51.0	+1.0
DZM	Mont Dzumac	11.06 178	Pn	10 10 08.9	-0.2
DZM	1.1nm, 0.3s, baz=30, slow=20, SNR=12		S	10 12 07.7	-3.5
DZM	0.3nm, 0.3s, baz=330, slow=20, SNR=2.3		LR	10 13 29.3	
DZM	comp=Z, 158nm, 18.2s, baz=26, slow=32		LR	10 12 14.0	+0.2
ONTNC	Ouen Toro	11.29 178	Pn	10 10 12.4	+0.2
MSVFF	Nonsavu	13.50 121	LR	10 14 52.6	
PMK	Port Moresby	18.58 273	LR	10 18 29.3	

Code	Station Name	Δ° AZZ	Phase ID	Time Res	ISC
EIDS	Eidsvold	20.11 223	Iamb	10 12 03.0	+0.6
EIDS	comp=Z, 119nm, 19.7s, baz=93, slow=36		Iamb	10 12 19.3	
CTA	Chart Tower	21.03 242	LR	10 19 00.8	
CTAO	Chart Tower	21.03 242	P	10 12 13.2	+0.7
CTAO	comp=Z, 5.2nm, 19.6s, baz=90, slow=33		Iamb	10 12 27.9	
ARMA	Armideale	23.50 212	P	10 12 38.5	+0.3
ARMA	comp=Z, 7.1nm, 1.1s		Iamb	10 12 56.5	
PKE	Pukeiti	29.01 167	P	10 13 30.4	+2.7
H1S2	WAKE ISLAND Hy	29.27 2	T	10 43 59.1	
H1S3	WAKE ISLAND Hy	29.28 1	T	10 44 07.1	
MRHZ	Matea Rd	29.28 163	P	10 13 32.1	+2.0
H1S1	WAKE ISLAND Hy	29.29 1	T	10 43 59.2	
OTVZ	Oturere	29.38 165	P	10 13 34.4	+3.2
MTZH	Maugataniwha	29.42 163	P	10 13 32.7	+1.4
MAVZ	Matarangi	29.46 165	P	10 13 29.6	-2.4
TRVZ	Turoa	29.46 165	P	10 13 29.5	-2.5
BKZ	Black Stump Fm	29.61 163	P	10 13 33.8	+0.7
KWHZ	Kaweka Forest	29.83 164	P	10 13 32.9	-0.1
KRHZ	Kereru	30.02 164	P	10 13 35.8	+0.8
PNHZ	Pukenui	30.23 164	P	10 13 36.7	+0.1
H1S1	WAKE ISLAND Hy	30.29 165	T	10 13 39.0	+0.5
H1S1	WAKE ISLAND Hy	30.30 165	T	10 13 37.1	-2.0
H1S1	WAKE ISLAND Hy	30.50 2	T	10 45 30.8	
H1S1	WAKE ISLAND Hy	30.50 2	T	10 45 33.4	
H1S2	WAKE ISLAND Hy	30.51 2	T	10 45 32.0	
H1S2	WAKE ISLAND Hy	30.51 2	T	10 45 32.0	
DVHZ	Dannevirke	30.58 165	P	10 13 41.6	0.0
STKA	Stephens Creek	30.65 224	LR	10 24 23.7	
MRZ	Mangataniwha R	30.77 163	P	10 13 42.5	-0.7
OGWZ	Otagi Gorge	30.83 166	P	10 13 43.6	-0.1
BFZ	Birch Farm	30.96 165	P	10 13 44.5	-0.4
HOWZ	Holdsworth Sta	30.98 166	P	10 13 44.9	-0.2
MTW	Mount Morrison	31.23 166	P	10 13 46.8	-0.4
MSWZ	Mt Saddle	31.32 167	P	10 13 48.5	+0.3
WR0	Warramunga Arr	31.54 250	P	10 13 50.1	-0.1
WB0	Warramunga Arr	31.63 250	P	10 13 51.0	-0.1
WRAB	Tennant Creek	31.71 250	P	10 13 51.6	-0.2
WRAB	comp=Z, 3.7nm, 1.1s		Iamb	10 13 53.3	
WB2	Warramunga Arr	31.71 250	P	10 13 51.6	-0.1
WB2	comp=Z, 5.2nm, 1.1s		Iamb	10 14 02.3	
WRA	Warramunga Arr	31.72 250	P	10 13 51.5	-0.4
WRA	Warramunga Arr	31.72 250	P	10 13 51.7	-0.2
WRA	comp=Z, 2.0nm, 0.7s, baz=82, slow=9.1, SNR=30		PcP	10 16 43.0	+0.5
WRA	comp=Z, 0.4nm, 0.8s, baz=76, slow=3.3, SNR=3.4		LR	10 24 48.3	
WRA	comp=Z, 5.8nm, 18.7s, baz=349, slow=33		LR	10 26 17.8	
WRA	comp=Z, 2.0nm, 0.7s		LR	10 12 02.9	-0.4
GUM	Gumau	32.14 139	LR	10 14 02.5	-0.8
GUM	comp=Z, 1.1nm, 21.4s, baz=166, slow=35		LR	10 14 02.5	-0.8
AS31	Alice Springs	33.02 243	P	10 16 46.4	+0.4
ASAR	Alice Springs	33.03 243	P	10 16 46.4	+0.4
ASAR	comp=Z, 0.7nm, 0.5s, baz=66, slow=10.0, SNR=29		PcP	10 26 50.3	
ASAR	comp=Z, 0.5nm, 0.6s, baz=67, slow=2.4, SNR=6.4		LR	10 25 25.5	
ASAR	comp=Z, 5.5nm, 18.6s, baz=84, slow=35		LR	10 25 25.5	
ASAR	comp=Z, 0.7nm, 0.5s		LR	10 25 25.5	
RAR	Rarotonga	34.38 112	LR	10 25 25.5	
RAR	comp=Z, 2.0nm, 20.6s, baz=188, slow=31		LR	10 25 25.5	
KNRA	Kunurra				

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MAREC, PINNC, LIFPNC, etc.

NEIC 01 10:32:21.3±1.1, 40°43'N, 0°02'124.59W, 0.07, h31km, 10km, Error ellipse: s-maj=7.6km s-min=3.2km

NCEDC 01 10:32:21.7±1.9, 40°39'N, 0°03'124.60W, 0.09, h25km, 8km, M2.5/26, ML1.9/24(NEIC), Error ellipse: s-maj=9.6km

s-min=3.6km az=79.0, Near coast of northern California

Main table of seismic stations with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KCTM, KMPM, KCRM, etc.

IDC 01 10:33:53.0±2.8, 17°89'S, 177°60'W, h402km, 24km, mb3.4/6, mbtmp4.2/7, Error ellipse: s-maj=35.9km s-min=22.4km

ISC 01 10:33:52.6±1.3, 17°89'S, 0°2'177.6W, 0.2, h400km, n11, 0.64/12, mb3.7/5, Fiji Islands region

Table of seismic stations for the Fiji Islands region, including stations like MSVF, URZ, STKA, etc.

SJA 01 10:43:13.7±0.6, 24°32'S, 67°16'W, h202km, 5km, ML3.4, MW3.5

IDC 01 10:43:14.5±1.7, 24°26'S, 66°9'W, h168km, 19km, mb3.2/5, mbtmp3.7/9, Error ellipse: s-maj=24.8km s-min=17.7km

ISC 01 10:43:14.8±0.7, 24°29'S, 0°04'67.21W, 0.03, h182km, 7km, n43, 0.5/14/70, mb3.5/5, Chile-Argentina border region

Table of seismic stations for the Chile-Argentina border region, including stations like AF01, SLA, etc.

Table of seismic stations in the Western Iran region, including stations like LVC, GO02, YJYA, etc.

TEH 01 10:50:37.7, 34°61'N, 46°22'E, h10km, 34km, ML2.7, ISN 01 10:50:39.3±1.2, 34°60'N, 46°25'E, h33km, 24km, ML2.7

ISC 01 10:50:38.6±1.3, 34°62'N, 0°05'46.23E, 0.05, h7km, 11km, n8, 0.6/63/11, Western Iran

Table of seismic stations for the Western Iran region, including stations like IDHR, IGHG, etc.

IDC 01 11:00:07.8±3.8, 53°63'N, 89°77'E, h0km, mbtmp3.0/3, ML2.5/3, Error ellipse: s-maj=34.2km s-min=21.9km

ISC 01 11:00:07.8±3.8, 53°63'N, 89°77'E, h0km, mbtmp3.0/3, ML2.5/3, Error ellipse: s-maj=34.2km s-min=21.9km

Table of seismic stations for the Kurchatov Array region, including stations like I46RU, ZALV, etc.

IDC 01 11:12:35.6±0.5, 44°39'N, 28°32'W, h0km, mb4.3/29, mbtmp4.3/31, ML4.0/2, MS4.2/83, Error ellipse: s-maj=14.2km s-min=10.9km az=177.0

SVSA 01 11:12:37.5±1.4, 44°48'N, 28°19'W, h10km, ML4.9(INMG), Error ellipse: s-maj=21.3km s-min=5.8km az=80.0

IGL 01 11:12:37.5±1.4, 44°29'N, 28°23'W, h10km, Mb4.7, NEIC 01 11:12:38.4±1.2, 44°37'N, 0°03'28.3W, 0.1, h10km, 1km, mb4.9/152, Error ellipse: s-maj=14.3km s-min=4.5km

GCMT 01 11:12:38.3±0.1, 44°43'N, 0°01'28.24W, 0.01, h12km, MW5.1/135, Moment Tensor Solution. s65, c88;

s135, c228; Duration: 0 Moment tensor: Scale 10^16Nm; M0=5.02E+08; M00=0.66E+09; M01=4.22E+06; M02=3.28E+06; M03=1.79E+07; M04=0.22E+23; Best double couple: M05=28300x10^16 NP1=0.214, 0.00000, 0.850, 0.00000,

λ=74.00000°, NP2=0.100000, 0.842, 0.00000°, λ=108.00000°. Principal axes: T: S, 1.850, Plg4.00000°, Azm293.00000°; N: 0.1940, Plg12.00000°, Azm24.00000°; P

-5.3810, Plg77.00000°, Azm185.00000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 01 11:12:37.3±0.3, 44°24'N, 0°04'28.23W, 0.04, h10km, n369, 0.134/329, mb4.7/135, MS4.2/86, 10D, Northern

Main table of seismic stations in the Mid-Atlantic Ridge region, including stations like PSBA, ROSA, PAGU, etc.

PBDV		eLR	LR	11 20 27.0					
PVAO	comp=Z,2.0m,22.0s	16.94 107	eP	Pn	11 16 34.9 +0.5				
PVAO	comp=Z,5.1m,1.8s		eS	S	11 20 17.5 +25				
PVAO			eLQ	LQ	11 20 19.3				
PVAO			eLR	LR	11 20 30.9				
PBAR	comp=Z,2.0m,20.0s	17.04 104	eP	Pn	11 16 35.5 -0.1				
PBAR	comp=Z,5.0m,2.1s		eLQ	LQ	11 19 36.7				
PBAR			eLR	LR	11 20 23.5				
IDGL	comp=Z,2.0m,20.0s	17.18 44	P	P	11 16 38.8 0.0				
IDLH	Inch Island, C	17.29 48	P	P	11 16 40.2 +0.2				
PAB	San Pablo	18.37 97	P	Pn	11 16 52.4 +0.3				
ESDC	Sonsec Array	18.59 96	P	P	11 16 55.1 +0.5				
ESDC	Sonsec Array	18.59 96	P	P	11 16 54.2 -0.4				
ESDC	comp=Z,0.1nm,0.3s,baz=294,slow=12,SNR=25		LR	LR	11 22 55.6				
ESK	comp=Z,1.0m,18.6s,baz=289,slow=33		LR	LR					
EKA	comp=Z,3.5nm,0.8s	19.48 46	P	P	11 17 03.9 -0.3				
EKA	comp=Z,8.7nm,0.9s	19.51 46	P	P	11 17 04.2 -0.3				
AVE	Averroes	19.51 117	P	I Amb	11 17 06.2 +1.5				
AVE			I Amb	I Amb	11 17 09.5				
DRLN	Deer Lake	20.60 294	P	P	11 17 16.8 +0.4				
BORG	Borgarnes	20.91 8 LR	LR	LR	11 23 03.7				
CLF	comp=Z,7.34nm,20.6s,baz=198,slow=30	21.40 69	P	P	11 17 25.5 +0.6				
CEST	Chambon-Foret	21.43 84	P	P	11 17 26.4 +0.8				
CEST	Esterril de Car		I Amb	I Amb	11 17 35.0				
MDT	Midelt	21.64 114	P	P	11 17 29.4 +1.6				
MDT	comp=Z,6.6nm,0.9s,baz=324,slow=12,SNR=11		LR	LR	11 24 06.5				
MDT	comp=Z,6.5nm,21.4s,baz=357,slow=32		LR	LR					
MDT	comp=Z,6.6nm,0.9s		LR	LR					
DOU	Dourbes	22.95 64	dP	P	11 17 40.9 -0.6				
DMR	comp=Z,1.3nm,1.3s	23.07 63	dP	P	11 17 43.1 +0.3				
BGES	Gesves	23.28 63	dP	P	11 17 44.5 -0.4				
RCHB	comp=Z,1.7nm,1.3s	23.36 63	dP	P	11 17 45.6 -0.1				
BCLA	Clavier	23.42 63	dP	P	11 17 45.4 -0.8				
GBN	Guysborough	23.54 285	P	I Amb	11 17 48.9 +1.3				
GBN			I Amb	I Amb	11 17 51.1				
BSTI	Sart Tilman	23.59 62	dP	P	11 17 48.0 0.0				
BHOH	Houvezeng	23.86 63	dP	P	11 17 50.3 -0.4				
MEM	Membach	23.87 62	dP	P	11 17 50.8 +0.1				
BTNL	Ternell	23.95 62	dP	P	11 17 51.9 +0.3				
WLF	Walferdange	23.95 65	P	I Amb	11 17 51.1 -0.3				
WLF	comp=Z,6.2nm,1.8s		I Amb	I Amb	11 17 58.1				
NUUK	Nuuk	23.98 335	eP	P	11 17 49.3 -2.2				
NUUK			I Amb	I Amb	11 17 52.3				
ECH	Echery	24.67 68	P	I Amb	11 17 58.4 +0.3				
ECH			I Amb	I Amb	11 18 06.5				
SENIN	Lac Senin/Sane	24.96 73	P	P	11 18 01.3 +0.4				
HAL	Halifax	25.13 283	P	I Amb	11 18 03.0 +0.7				
HAL			I Amb	I Amb	11 18 05.4				
BFO	Black Forest	25.44 68	P	P	11 18 05.2 +0.2				
BFO			I Amb	I Amb	11 18 12.4				
ICESG	Greenland Ices	25.60 351	iP	P	11 18 05.0 -1.7				
ICESG			I Amb	I Amb	11 18 08.1				
SFJD	Kangerlussuaq	25.77 340	LR	LR	11 25 53.1				
STG	Stuttgart	25.98 67	P	P	11 18 10.3 +0.3				
BATG	Bathurst New B	26.39 290	P	I Amb	11 18 12.9 -0.9				
BATG			I Amb	I Amb	11 18 21.5				
DAVA	Damuels	26.59 70	eP	P	11 18 14.4 -1.3				
DAVA	comp=Z,4.1nm,1.2s		LR	LR					
DAVA	Davos/Dischmat	26.66 71	LR	LR	11 27 51.0				
SCHO	Schefferville	26.86 307	P	P	11 18 17.1 -0.9				
SCHO	comp=Z,1.1nm,0.9s,baz=103,slow=14,SNR=6.2		LR	LR	11 26 56.4				
SCHO	comp=Z,2.0m,20.8s,baz=96,slow=32		LR	LR					
FETA	Feichten	27.20 70	eP	P	11 18 21.6 +0.4				
FETA	comp=Z,1.3nm,1.4s		P	P					
MOTA	Moosalm	27.40 69	iP	P	11 18 24.3 +1.3				
SQTA	Sankt Quirin	27.49 70	eP	P	11 18 24.3 +0.5				
WTLL	Wattergen	27.77 70	eP	P	11 18 26.4 +0.1				
CLL	Collim	28.30 61	P	P	11 18 30.8 +0.1				
CLL	Collim	28.30 61	iP	P	11 18 31.2 +0.5				
CLL	comp=Z,1.1nm,1.4s		i (sP)	pwp	11 18 36.3 -0.3				
CLL			i x	x	11 18 41.4				
CLL			eS	S	11 23 19.0 +2.2				
CLL			eS	S	11 24 10.0				
CLL			eSSS	SSS	11 24 48.0				
CLL			AMS	AMS	11 28 00.0				
CLL	comp=Z,7.00nm,19.2s		AMS	AMS					
JMIC	Jan Mayen	28.53 13	LR	LR	11 27 22.1				
NC204	NORSAR Array S	28.53 40	P	P	11 18 33.4 +0.6				
NC204			I Amb	I Amb	11 18 42.5				
NOA	comp=Z,2.3nm,1.4s	28.66 40	LR	LR	11 28 45.5				
NOA	NORSAR Array S	28.66 40	LR	LR	11 28 45.5				
KHC	Kasperske Hory	28.82 65	P	P	11 18 35.7 +0.2				
KHC	Kasperske Hory	28.82 65	P	P	11 18 35.5 0.0				
SUMG	Summit	28.83 354	P	P	11 18 35.1 -0.6				
SUMG	Summit	28.83 354	iP	P	11 18 34.0 -1.7				
BRG	Berggiesshobel	28.91 62	eP	P	11 18 37.2 +1.0				
BRG			Amp	Amp	11 18 39.1				
GERE	comp=Z,9.1nm,1.4s	28.93 66	P	P	11 18 36.5 -0.1				
GERE	GERESS Array B	28.93 66	P	P	11 18 36.3 -0.3				
GERE	comp=Z,1.6nm,1.0s,baz=297,slow=8.7,SNR=6.2		LR	LR	11 28 53.5				
GERE	comp=Z,7.93nm,20.1s,baz=264,slow=34		LR	LR					
KBA	Koelnbreinsper	28.95 70	P	P	11 18 36.8 -0.1				
BIOA	Bad Ischl, Aus	29.05 68	iP	P	11 18 37.4 -0.2				
BIOA	comp=Z,4.7nm,0.8s		I Amb	I Amb	11 18 44.5				
PRED	Cave del Predi	29.22 71	P	P	11 18 38.7 -0.4				
PRED			I Amb	I Amb	11 18 44.5				
MYKA	Terra Mystica	29.23 70	iP	P	11 18 38.6 -0.6				
MYKA	comp=Z,7.5nm,1.2s		P	P					
MOA	Molin	29.45 68	P	P	11 18 40.2 -0.9				
HFS	Hagfors	29.59 43	P	P	11 18 41.0 -1.1				
HFS	comp=Z,2.0nm,0.8s,baz=287,slow=5.3,SNR=2.8		LR	LR	11 28 47.5				
HFS	comp=Z,2.41nm,21.2s,baz=252,slow=33		LR	LR					
HFS	comp=Z,2.0nm,0.8s		LR	LR					
KEST	Keira	29.81 94	P	P	11 18 45.6 +1.2				
KEST	Keira	29.81 94	P	P	11 18 45.0 +0.6				
KEST	comp=Z,4.1nm,0.7s,baz=308,slow=3.1,SNR=5.9		LR	LR	11 30 29.5				
KEST	comp=Z,5.65nm,18.2s,baz=229,slow=36		LR	LR					
KEST	comp=Z,4.1nm,0.7s		LR	LR					
FRB	Frøbisier Bay	29.95 325	LR	LR	11 27 41.5				
ARSA	Arzberg	30.39 69	eP	P	11 18 48.2 -1.2				
KSP	Ksiaz	30.40 61	P	P	11 18 50.1 +0.7				
KSP	Ksiaz	30.40 61	P	P	11 18 49.1 -0.3				
DPC	Dobruska-Polom	30.46 62	P	P	11 18 50.4 +0.4				
DPC	comp=Z,3.2nm,1.7s		pP	sP	11 18 54.6 +1.5				

CONA	comp=Z,3.2nm,1.7s	30.49 67	iP	P	11 18 49.3 -1.1				
KRUC	comp=Z,4.6nm,1.0s		P	P					
Moravsky		30.67 65	eP	P	11 18 52.5 +0.7				
VRAC	Vranov	30.76 64	eP	P	11 18 52.2 -0.4				
VRAC	Vranov	30.76 64	LR	LR	11 30 32.0				
RONA	Rosalia, Austr	30.82 68	eP	P	11 18 52.6 -0.6				
RONA	comp=Z,8.8nm,1.2s		LR	LR	11 28 27.7				
BBTS	Babate	31.12 158	LR	LR	11 18 57.6 +0.1				
MORC	comp=Z,3.39nm,20.1s,baz=225,slow=30	31.31 63	P	P	11 18 57.8 +0.3				
MORC	Moravsky Berou	31.31 63	P	P	11 18 57.8 +0.3				
MORC	Moravsky Berou	31.31 63	P	P	11 18 57.8 +0.3				
MAE	Valguarnera	32.66 87	LR	LR	11 31 02.2				
OJC	comp=Z,7.99nm,21.1s,baz=314,slow=34	32.69 62	P	P	11 19 10.5 +0.9				
OJC	Ojcow	32.69 62	P	P	11 19 09.9 +0.3				
OJC	Ojcow	32.69 62	P	P	11 19 09.9 +0.3				
MORH	Mirj, Hungary	32.70 70	P	P	11 19 09.1 -0.6				
MORH	comp=Z,2.9nm,1.0s		LR	LR					
NIE	Niedzica	33.14 64	eP	P	11 19 15.0 +1.5				
NIE	Niedzica	33.14 64	P	P	11 19 14.1 +0.6				
NEEM	North Greenland	34.54 51	iP	I Amb	11 19 25.6 -0.5				
NEEM			I Amb	I Amb	11 19 27.9				
KWP	Kalwaria Pacia	34.64 63	eP	P	11 19 27.2 +0.6				
HOLU	Holmekes	34.66 65	P	P	11 19 26.5 -0.2				
MOKU	Mukachevo	34.87 65	P	P	11 19 29.4 +0.9				
BERU	Beregovo	34.89 65	P	P	11 19 28.9 +0.2				
BRIU	Brid	35.11 65	P	P	11 19 30.6 0.0				
SHIU	Shidnitsy	35.14 63	P	P	11 19 30.5 -0.4				
MEZ	Mesozoja	35.39 64	P	P	11 19 31.9 -1.2				
FINES	FINES Array B	35.78 42	P	P	11 19 35.3 -0.9				
FINES	comp=Z,1.9nm,0.8s,baz=256,slow=5.6,SNR=5.8		LR	LR	11 33 31.2				
FINES	comp=Z,1.66nm,18.0s,baz=257,slow=35		LR	LR					
FINES	comp=Z,1.9nm,0.8s		LR	LR					
SADO	Sadowa	35.82 89	LR	LR	11 33 48.8				
RAKU	Rahkiv	35.93 65	P	P	11 19 36.8 -0.9				
STNU	St. Nu	35.99 64	P	P	11 19 37.1 -0.7				
MAGM	Naroch	36.33 53	eP	P	11 19 40.5 -0.5				
KSV	Kosov	36.45 64	P	P	11 19 41.6 -0.5				
BUR08	Bucovina Ar. S	36.70 65	P	P	11 19 45.8 +1.4				
BUR08	Bucovina Array	36.72 65	P	P	11 19 45.9 +0.8				
ARCES	ARCES Array B	36.84 28	P	P	11 19 44.0 -1.2				
ARCES	comp=Z,2.0nm,0.8s,baz=264,slow=7.2,SNR=2.2		LR	LR	11 32 46.6				
ARCES	comp=Z,1.78nm,20.5s,baz=254,slow=33		LR	LR					
ARCES	comp=Z,2.0nm,0.8s		LR	LR					
MNK	Minsk	37.02 54	iP	P	11 19 43.9 -2.9				
MNK									

Table with columns: ID, Name, Time, Res, and various codes. Includes stations like Albuquerque, Dease Lake, Butcher Ranch, etc.

Table with columns: ID, Name, Time, Res, and various codes. Includes stations like KMBO, CPUP, CPUP, etc.

Table with columns: ID, Name, Time, Res, and various codes. Includes stations like INTNH, TECO, POSS, etc.

IDC 01 11:30:45.8;3.1, 9.87S;159.95E, h0km, mb3.6/4, mbmtpp3.6/4, MS3.21, Error ellipse: s-maj=124.1km s-min=33.9km az=133.0, Bougainville-Solomon Islands region

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

JSN 01 11:55:34.4;1.4, 19.72N;75.41W, h26km, 999km, MD3.5 SSNC 01 11:55:34.4;1.5, 19.67N;75.38W, h14km, 6km, MD3.2, ML3.0, MW3.0

SDD 01 11:55:35.2;1.3, 19.77N;75.45W, h31km, 51km, MD3.5, ML3.1, MW3.3

ISC 01 11:55:32.0;1.3, 19.62N;75.38W;0.03, h19km, 3km, n17, -1836/28, 2C-5D, Cuba region

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

BGR 01 12:08:58.2; 19.16S; -177.11W, h33km NEIC 01 12:10:05.2; 1.4, 18.05O; 1.178, 0W; 0.1, h60km, 8km, mb4, 4/56, Error ellipse: s-maj=20.2km s-min=15.9km az=128.0

IDC 01 12:10:06.9; 1.0, 18.02S; 178.13W, h622km, 9km, mb3.5/14, mbtmp4.4/16, Error ellipse: s-maj=18.2km s-min=11.5km az=139.0

ISC 01 12:10:04.3; 0.5, 18.04S; 0.09; 178.02W; 0.08, h590km, n170, s191/169, mb3.4/47, 6C-11D, Fiji Islands region

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

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Port Moresby, Coen, Manu, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Burnt Mountain, Chiang Mai, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like s-maj=2.7km, ECX 01, etc.

NEIC 01 12:19:53.9, 2.7, 32.11N, 0.02:115.02W, 0.02, h10km, 2km, Error ellipse: s-maj=3.8km s-min=3.0km az=326.0, Moment Tensor Solution, Moment tensor: Scale 10^14Nm, M=0.85; Mw=3.94; Mo=4.79; Mo=0.46; Mo=0.71; Mo=0.03; Fault plane solution: Mo=4.51000x10^14 Np1=0.49, 330000, 884, 850000, lambda=1.70000, NP2=0.139, 880000, 883, 850000, lambda=1.74, 820000, Principal axes: T 4.8507, P1g1, 00000, Azm=95, 00000, N -0.7859, P1g2, 00000, Azm=190, 00000; P -4.0648, P1g3, 00000, Azm=5, 00000; PAS 01 12:19:54.6, 2.3, 32.09N, 0.01:115.02W, 0.02, h20km, 6km, Mw=1.04, MLC4.0/48(NEIC), Mw=3.7453(NEIC) Error ellipse:

CRS	ePg	Pb	12 27 20.2	-0.2	IRK	comp=N,421nm,0.5s	smax	smax	
CRS	Pmax		12 27 20.6		TLY	Talaya	7.44 239	ePn Pn	
comp=N,2um,1.0s					TLY		ePg Pn	12 28 23.8 +1.5	
CRS	eSg	Sg	12 27 53.5	-3.7	TLY	comp=N,18nm,0.5s	Pmax	12 28 48.1 +5.2	
CRS	Smax		12 27 58.3		TLY			12 28 54.1	
comp=N,3um,1.4s					TLY				
Chara	ePn	Pn	12 27 15.9	+0.1	TLY				
CRS	e		12 27 19.9		TLY				
CRS	pmax	pmax	12 27 53.4		HIA	comp=N,142nm,1.0s	eSg Sg	12 30 29.6 -9.4	
CRS	smax	smax			ARS	Hailar Arshan	7.65 150	ePg Sg	12 28 57.3 +6.7
comp=E,2um,1.4s					ARS	comp=N,39nm,0.5s	Pmax	12 28 59.2	
VTMR	ePn	Pn	12 27 28.2	0.0	ARS		eSg Sg	12 30 40.2 -6.7	
VTMR	eSg	Pb	12 27 36.4	+0.7	ARS		Smax	12 30 48.0	
VTMR	eSg	Sg	12 28 08.7	+0.9	ZEA	comp=N,593nm,1.0s	ePn Pn	12 28 30.5 -0.1	
KHNH	eSg	Sg	12 28 22.3	-3.8	ZEA	Zeya	8.05 101	eS Pn	12 29 58.0 -3.7
KHNH	ePn	Pb	12 27 20.0	+0.6	ZEA		pmax		
KHNH	ePn	Pb	12 27 36.3	+0.4	ZEA	comp=E,10.0nm,0.6s	pmax		
KHNH	eSg	Pb	12 28 21.2	-5.2	ZEA	comp=Z,10.0nm,0.5s	smax		
TUP	ePn	Pn	12 27 32.9	+0.1	ZEA	comp=Z,10.0nm,0.9s	smax		
TUP	e		12 27 34.8		ZEA	comp=N,20nm,0.6s	smax		
TUP	ePg	Pb	12 27 42.3	+0.8	ZEA	comp=E,30nm,0.9s	smax		
TUP	Pmax		12 27 45.5		ZEA	comp=E,800nm,7.0s	MLR		
comp=E,208nm,0.7s					ZEA	comp=Z,500nm,10.0s	MLR		
TUP	eSn	Sn	12 28 16.3	-1.7	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 40.4 +3.6	
TUP	eSg	Sg	12 28 31.8	-5.0	ZAK	Zakamensk	8.49 233	ePn Pn	12 29 15.3 -8.0
TUP	e		12 28 37.3		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
TUP	e max		12 28 40.2		ZAK	comp=Z,186nm,1.1s	ePn Pn	12 31 19.3	
comp=E,2um,1.2s					ZAK	comp=Z,10.0nm,1.2s	eSg Sg	12 28 40.4 +3.6	
Tupik	ePn	Pn	12 27 32.9	+0.1	ZAK	Zakamensk	8.49 233	ePn Pn	12 28 40.4 +3.6
TUP	e		12 27 42.3		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 29 58.1 -8.0	
TUP	eS	Sn	12 28 17.3	-0.7	ZAK	comp=Z,186nm,1.1s	ePn Pn	12 28 41.6 +4.8	
TUP	e		12 28 31.8		ZAK	comp=Z,10.0nm,1.2s	eSg Sg	12 31 19.3	
comp=Z,209nm,0.8s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
TUP	pmax	pmax			ZAK	comp=Z,186nm,1.1s	ePn Pn	12 31 19.3	
TUP	smax	smax			ZAK	comp=Z,10.0nm,1.2s	eSg Sg	12 28 41.6 +4.8	
comp=E,2um,1.1s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
Chita	ePg	Pb	12 27 46.5	+2.0	ZAK	comp=Z,186nm,1.1s	ePn Pn	12 28 41.6 +4.8	
CIT	Pmax		12 27 49.5		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=E,116nm,0.4s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
CIT	eSg	Sg	12 28 39.3	-3.2	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
CIT	Smax		12 28 56.4		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=E,1um,0.9s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
CIT	ePn	Pn	12 27 35.7	+0.4	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
CIT	eS	Sn	12 27 46.5	+0.2	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
CIT	e		12 28 23.5	+1.2	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
CIT	e		12 28 38.8		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=Z,216nm,1.1s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
CIT	pmax	pmax			ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=E,1um,2.7s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
MXMB	ePg	Pb	12 27 47.4	+2.1	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
MXMB	eSg	Sg	12 28 42.0	-2.0	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
OGRR	eSg	Sg	12 27 41.5	+1.8	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
OGRR	e		12 27 43.9		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
OGRR	ePg	Pb	12 27 52.7	+2.7	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
OGRR	Pmax		12 27 57.6		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=E,156nm,0.8s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
OGRR	eSn	Sn	12 28 30.4	+0.1	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
OGRR	eSg	Sg	12 28 48.9	-4.0	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
OGRR	Smax		12 28 57.4		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=E,430nm,1.4s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
OGRR	ePn	Pn	12 27 41.9	+2.2	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
OGRR	e		12 27 52.8		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
OGRR	pmax	pmax	12 28 49.2		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=Z,207nm,0.7s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
OGRR	smax	smax			ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
YKLR	ePn	Pn	12 27 40.5	+0.3	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
YKLR	ePg	Pb	12 27 50.4	-0.3	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
YKLR	eSg	Sg	12 28 47.5	-6.7	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
GORB	ePg	Pb	12 27 54.7	+2.8	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
GORB	eSg	Sg	12 28 53.3	-3.2	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
UZUR	ePn	Pn	12 27 43.7	+2.3	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
UZUR	ePg	Pb	12 27 44.9	+2.7	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
UZUR	Pmax		12 27 53.9		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,109nm,0.6s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
UZUR	eSg	Sg	12 28 53.8	-3.2	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
UZUR	Smax		12 29 05.1		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
KELR	ePg	Pb	12 27 59.6	+3.4	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
KELR	e		12 28 05.8		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
KELR	eSg	Sg	12 29 02.5	-2.0	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
ZRHB	ePg	Pb	12 28 09.4	+3.9	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
ZRHB	Pmax		12 28 18.8		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,147nm,0.8s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
ZRHB	eSg	Sg	12 29 19.5	-2.5	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
ZRHB	Smax		12 29 44.3		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,2um,0.9s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
TRG	ePn	Pn	12 27 57.8	+2.5	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
TRG	ePg	Pb	12 28 13.6	+4.3	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
TRG	Pmax		12 28 19.7		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,83nm,1.5s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
TRG	eSg	Sg	12 29 26.6	-2.7	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
TRG	Smax		12 29 45.0		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,285nm,1.4s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
TRG	ePn	Pn	12 27 58.5	+3.2	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
TRG	ePg	Pb	12 28 23.4	+2.2	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
TRG	e		12 28 14.5		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
TRG	pmax	pmax	12 29 26.7		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=Z,81nm,1.2s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
TRG	smax	smax			ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,287nm,1.3s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
UUDB	ePg	Pb	12 28 14.2	+3.7	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
UUDB	Pmax		12 28 22.6		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,58nm,1.7s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
UUDB	eSg	Sg	12 29 27.8	-3.7	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
UUDB	Smax		12 29 40.3		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,790nm,2.0s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
KAB	ePg	Pg	12 28 20.4	-4.7	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
KAB	Pmax		12 28 36.0		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,171nm,1.0s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
KAB	eSg	Sg	12 29 36.7	-3.7	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
KAB	Smax		12 30 18.2		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,2um,1.5s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
HRMR	e	Pn	12 28 06.4	+3.8	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
HRMR	ePg	Pb	12 28 22.4	+4.0	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
HRMR	Pmax		12 28 28.7		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,84nm,0.5s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
HRMR	eSg	Sg	12 29 42.1	-4.3	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
HRMR	Smax		12 30 04.7		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,896nm,0.8s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
CLNS	ePn	Pn	12 28 05.0	+0.1	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
CLNS	ePg	Pb	12 28 23.4	+2.2	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
CLNS	eSg	Sg	12 29 41.6	+6.4	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
BGT	ePg	Pb	12 28 30.1	+5.4	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
BGT	Pmax		12 28 34.8		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,30nm,0.8s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
BGT	eSg	Sg	12 29 54.2	-4.0	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
BGT	Smax		12 30 05.2		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,196nm,1.4s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
KPC	ePn	Pn	12 28 08.4	+0.4	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
KPC	ePg	Pb	12 28 30.5	-5.5	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
KPC	Pmax		12 28 41.1		ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
comp=N,21nm,0.7s					ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
KPC	eSg	Sg	12 29 54.7	-4.0	ZAK	comp=Z,10.0nm,1.2s	ePn Pn	12 28 41.6 +4.8	
KPC	Smax		12 30						

1d 13h

2018 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains data for stations like MRSB, MRSB, TURUN, TURUN, etc.

Table with columns: IDI, Anoyia, 2.84 246, P, Pn, 12 48 47.9 +1.3, etc. Contains data for stations like ANOYIA, ANOYIA, ANOYIA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains data for stations like MBRI, Eilat, Eilat, etc.

NEIC 01 12:49:40.5±0.7, 181°05.0'±0.3, 178°3'0.3, h591km, 21km, mb4.1/1.7, Error ellipse: s-maj=51.2km s-min=37.5km az=150.0

ICD 01 12:49:41.4±2.0, 177°85'±178°56'W, h590km, 19km, mb3.1/8, mbtmp4.1/9, Error ellipse: s-maj=41.1km s-min=17.8km az=142.0

ISC 01 12:49:40.1±1.1, 179°S, 0.2±178°5'±0.2, h579km, n32, 0.676/33, mb4.0/17, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains data for stations like MSVF, Nonsavu, Nonsavu, etc.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
						h	m	s
MMLI	Mount Malkishu	4.47	131	S	Sn	13 44 00.2	+0.2	
MMLI	Mount Malkishu	4.47	131	P	Pn	13 43 09.2	0.0	
SALP	Salfit	4.60	136	P	Pn	13 43 10.9	0.0	
SALP	Salfit	4.60	136	S	Sn	13 44 02.9	+0.2	
BRTR	Reskin Array B	4.62	122	Pn	Sn	13 43 12.0	+0.7	
BRTR	0.5nm, 0.3s, baz=174, slow=1.4, SNR=4.4				Sn	13 44 05.6	+1.8	
BRTR	comp=Z, 134nm, 18.2s, baz=232, slow=43, 6.8nm, 0.6s				LR	13 45 16.1		
QRNJ	Al-Qirein	4.64	131	P	Pn	13 43 12.3	+0.9	
HMDT	Nahal Hemdat	4.66	132	P	Pn	13 43 13.0	+1.2	
HMDT	Nahal Hemdat	4.66	132	P	Pn	13 43 12.2	+0.4	
HMDT	Nahal Hemdat	4.66	132	S	Sn	13 44 04.8	+0.2	
UJAP	Al Uja	4.84	135	P	Pn	13 43 15.5	+1.3	
UJAP	Al Uja	4.84	135	P	Pn	13 43 14.0	-0.1	
UJAP	Al Uja	4.84	135	S	Sn	13 44 08.7	-0.3	
AMAZ	Amatzia	4.87	142	P	Sn	13 44 09.5	-0.2	
AMAZ	Amatzia	4.87	142	P	Sn	13 43 14.5	-0.1	
DB3	El Dabaa	5.01	210	Pn	Pn	13 43 16.9	+0.4	
DSI	Dead Sea	5.08	138	P	Pn	13 43 16.6	-0.9	
DSI	Dead Sea	5.08	138	P	Pn	13 43 17.4	-0.1	
DSI	Dead Sea	5.08	138	S	Sn	13 44 14.7	-0.1	
YTR	Yattir	5.11	142	P	Pn	13 43 17.9	+0.2	
YTR	Yattir	5.11	142	S	Sn	13 44 15.4	-0.2	
KZIT	Kziot	5.16	150	P	Pn	13 43 19.1	+0.5	
KZIT	Kziot	5.16	150	P	Pn	13 43 18.7	0.0	
KZIT	Kziot	5.16	150	S	Sn	13 44 16.4	-0.5	
MSB	Mazzada	5.27	140	P	Pn	13 43 19.9	-0.2	
MSB	Mazzada	5.27	140	P	Pn	13 43 20.7	+0.7	
MSB	Mazzada	5.27	140	P	Pn	13 43 19.9	-0.2	
MSB	Mazzada	5.27	140	S	Sn	13 44 19.4	-0.1	
IDI	Anoyia	5.34	270	Pn	Pn	13 43 19.5	-1.6	
IDI	10nm, 0.4s, baz=63, slow=1.8, SNR=23				Sn	13 44 17.6	-3.7	
IDI	Anoyia	5.34	270	P	Pn	13 43 20.1	-1.0	
LISJ	El Lisan	5.39	140	P	Pn	13 43 22.3	+0.6	
KOT	Kottamia	5.51	176	P	Pn	13 43 23.9	+0.5	
KOT	baz=176				S	13 44 23.6	-1.9	
ASF	Jabal al Asfar	5.60	124	Pn	Pn	13 43 24.7	0.0	
ASF	1.0nm, 0.3s, baz=30, slow=1.0, SNR=7.9				Sn	13 44 29.9	+2.1	
ASF	2.1nm, 0.3s, baz=44, slow=2.0, SNR=8.1, 3.1nm, 0.2s				Pn	13 43 25.9	+0.6	
HMVD	Mayadein	5.65	186	P	Pn	13 43 25.9	+0.6	
ZFRI	Zifri	5.80	146	P	Pn	13 43 24.6	-2.8	
ZFRI	Zifri	5.80	146	P	Pn	13 43 27.1	-0.2	
ZFRI	Zifri	5.80	146	S	Sn	13 44 31.1	-1.5	
HNAT	Natroun	5.83	187	P	Pn	13 43 28.2	+0.4	
PRNI	Paran	5.90	148	P	Pn	13 43 29.1	+0.3	
PRNI	Paran	5.90	148	P	Pn	13 43 28.8	0.0	
PRNI	Paran	5.90	148	S	Sn	13 44 33.2	-1.8	
KRMI	Paran Flat	5.99	151	P	Pn	13 43 29.7	-0.3	
KRMI	Paran Flat	5.99	151	S	Sn	13 44 36.7	-0.6	
HRFI	Mount Harif	6.19	150	P	Pn	13 43 32.9	+0.2	
HRFI	Mount Harif	6.19	150	S	Sn	13 44 41.7	-0.4	
HRFI	Mount Harif	6.19	150	P	Pn	13 43 32.5	-0.2	
MBRI	Mt Berech	6.35	151	P	Pn	13 43 35.3	+0.3	
MBRI	Mt Berech	6.35	151	P	Pn	13 43 34.9	-0.1	
MBRI	Mt Berech	6.35	151	S	Sn	13 44 35.9	-0.5	
RYAN	Fayoum	6.42	189	Pn	Pn	13 43 35.8	0.0	
AQB	Aqaba	6.47	151	P	Pn	13 43 36.8	+0.3	
EIL	Eilat	6.48	152	P	Pn	13 43 36.6	-0.1	
EIL	3.0nm, 0.3s, baz=330, slow=6.9, SNR=28				Sn	13 44 47.6	-1.6	
EIL	3.0nm, 0.3s, baz=333, slow=1.9, SNR=6.4, 2.2nm, 0.6s				Pn	13 43 36.9	+0.2	
EIL	Eilat	6.48	152	P	Pn	13 43 36.6	-0.1	
EIL	Eilat	6.48	152	S	Sn	13 44 48.5	-0.7	
SLUM	Salum	6.52	235	P	Pn	13 43 36.0	-1.1	
HKAT	Jabal Katrina	7.23	162	P	Pn	13 43 47.0	-0.2	
MLR	Muntele Rosu	10.87	339	Pn	Pn	13 44 36.1	-0.6	
KOLS	Kolonice sedl	15.07	336	eP	P	13 45 40.0	+2.2	
AKASG	Malin Array Be	15.34	355	Pn	Pn	13 45 35.1	-1.7	
KEST	Kesra	17.96	277	P	Pn	13 46 08.0	-1.9	
LESA	Schwarzealot	18.41	316	iP	Pn	13 46 16.4	+1.2	
GERES	GERES Array B	18.70	321	P	Pn	13 46 17.7	-0.3	
WATA	Walderalm	18.99	315	ePn	Pn	13 46 24.7	+2.5	
SQTA	Sankt Quirin	19.14	314	iPn	Pn	13 46 25.6	+1.5	
MOTA	Moosalm	19.27	314	eP	Pn	13 46 25.2	-0.4	
FETA	Feichten	19.33	313	iP	Pn	13 46 26.0	-0.4	
RETA	Reutte	19.54	314	eP	Pn	13 46 28.9	+0.1	
DAVox	Davos/Dischmat	19.73	312	P	Pn	13 46 29.3	+0.1	
DAVA	Damuels	19.96	313	iP	Pn	13 46 32.0	+0.2	
BELG	Belogoroye	20.49	29	P	Pn	13 46 38.3	-1.5	
FINES	FINES Array B	26.24	354	P	Pn	13 47 32.5	-1.2	
HFS	Hagfors	27.25	341	P	Pn	13 47 41.7	-1.0	
ESDC	Sonsec Array	28.25	289	P	Pn	13 47 52.1	0.0	
NOA	NORSAR Array B	28.69	339	P	Pn	13 47 54.4	-1.3	
EKA	Eskdalemuir Ar	30.92	321	P	Pn	13 48 13.6	-1.8	
BVAR	Borovoye Array	32.48	45	P	Pn	13 48 30.0	+0.8	
ARCES	ARCES Array B	34.30	356	P	Pn	13 48 44.8	0.0	
TORD	Torodi Ar Bea	34.80	238	P	Pn	13 48 50.1	+0.4	
KMBO	Kilima Mbogo	36.78	170	P	Pn	13 49 07.8	+0.9	
KURBB	Kurchatov Arra	36.96	51	P	Pn	13 49 07.7	-0.1	
MKAR	Makanchi Array	39.33	57	P	Pn	13 49 28.6	+0.7	
ZALV	Zalesovo Beam	41.11	46	P	Pn	13 49 42.3	-0.1	
SPITS	Spitsbergen Ar	43.33	356	P	Pn	13 49 60.0	-0.2	
DBIC	Dimbokro	43.91	238	P	Pn	13 50 05.1	-0.5	
SONM	Songino Array	55.30	52	P	Pn	13 51 33.2	+1.1	
QSPA	South Pole Qui	125.29	180	PKP	PKPdf	14 00 58.2	+0.4	

s-min=34.0km az=124.0
ISC 01 14:02:13.4, 1.9, 6.3S, 0.4, 151.5E, 0.4, h30km, n6, c19447, mb3.7/4, New Britain region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
						h	m	s
PMG	Port Moresby	5.31	234	Op	Pn	14 03 32.3	+1.6	
PMG	2.8nm, 0.3s, baz=70, slow=4.7, SNR=1.1				Sn	14 04 30.7	-0.1	
WRA	Warramunga Arr	21.50	229	P	Pn	14 06 58.4	-1.6	
ASAR	Alice Springs	24.19	223	P	Pn	14 07 26.3	-1.2	
MKAR	Makanchi Array	80.59	319	P	Pn	14 14 22.5	-0.7	
ILAR	Eileson Array	84.01	22	P	Pn	14 14 41.7	+1.0	
TORD	Torodi Ar Bea	149.49	285	PKPbc	PKPbc	14 22 00.4	-0.5	

az=139.0
ISC 01 14:04:47.2, 1.4, 18.0S, 0.3, 178.0W, 0.2, h590km, n10, c058112, mb4.0/5, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
						h	m	s
MSFV	Nonsavu	3.74	273	Op	Pn	14 06 11.2	+1.0	
DZM	Mont Dzumac	15.14	252	P	Pn	14 07 57.1	0.0	
STKA	Stephens Creek	18.90	241	P	Pn	14 11 23.7	+0.2	
WRA	Warramunga Arr	44.97	260	P	Pn	14 12 10.5	-0.8	
ASAR	Alice Springs	45.11	254	P	Pn	14 12 11.5	-0.8	
ASAR	7.0nm, 0.5s, baz=87, slow=7.3, SNR=9.0				PcP	14 13 40.0	-0.1	
MJAR	Matsushiro Arr	68.18	323	P	Pn	14 14 49.4	-0.3	
TXAR	Lajitas Array	85.74	57	P	Pn	14 16 25.1	-0.1	
BRTR	Reskin Array B	145.09	315	PKPbc	PKPbc	14 23 19.4	-0.2	
MMAI	Mount Meron Ar	146.49	303	PKPbc	PKPbc	14 23 24.4	+0.8	
GERES	GERES Array B	147.78	345	PKPbc	PKPbc	14 23 26.4	-0.2	

TEH 01 14:11:08.2, 3.4'66N-46'23E, h10km, 65km, ML2.6
ISN 01 14:11:08.2, 1.2, 34.61N-46'25E, h36km, 24km, ML2.4
ISC 01 14:11:08.8, 1.1, 34.67N-0.05, 46.24E, 0.07, h11km, 11km, n6, c09479, Western Iran

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
						h	m	s
IDHR	Dehrash	0.12	74	Op	Pg	14 11 12.0	-0.1	
IDHR	Dehrash	0.13	71	Sg	Pg	14 11 14.6	+0.2	
IGHG	Ghaleghazi	0.43	145	Pg	Pg	14 11 17.0	-0.4	
GLGI	Gilan-e-Gharb	0.62	206	Pg	Pg	14 11 20.3	-0.5	
ILIN	Lien	0.65	67	Pg	Pg	14 11 20.8	-0.6	
IDBR	Badra	1.80	190	eP	Pg	14 11 37.0	+0.4	
IDBR	baz=10.0				Sb	14 11 58.0	+0.2	
IDBR	comp=E, 80nm, 0.7s				AML	14 12 03.3		
IDBR	comp=N, 47nm, 0.4s				AML	14 12 10.4		
IKRK	Kirkuk	1.72	296	ePn	Sb	14 11 39.0	+0.3	
IKRK					Sb	14 12 02.0	-0.1	

NEIC 01 14:23:20.4, 50.96N:177.51W, h36km, Moment Tensor Solution. Duration: 188 Moment tensor: Scale 10¹⁶Nm; M₁:3.92; M₂:3.80; M₃:0.13; M₄:1.94; M₅:1.88; M₆:2.04; Fault plane solution: M₀:5.12000×10¹⁶ N²; P:53.35000°; δ:62.12000°; λ:75.31000°; NP₂:262.62000°; δ:31.23000°; λ:115.61000°; Principal axes: T:4.9191, P:69.60000°; Azm:293.0000°; N:0.4057, P:13.0000°; Azm:60.0000°; P:5.3248, P:16.16000°; Azm:154.0000°; AEIC 01 14:23:20.3, 2.0, 51.08N:0.05, 177.62W:0.06, h12km, 2km Error ellipse: s-maj=7.8km s-min=5.6km az=167.0
NEIC 01 14:23:20.4, 51.26N:177.67W, h36km
MOS 01 14:23:20.2, 0

PETK	comp=Z,12nm,0.8s,baz=87,slow=18,SNR=15	S	Sn	14 29 42.0 +1.2
PETK	comp=Z,15nm,1.2s,baz=83,slow=29,SNR=2.4	LR	LR	14 32 28.9
O18K	Koktuh Hills	15.20	47 Pn	14 26 55.1 -0.4
O18K	Koktuh Hills	15.20	47 P	14 26 54.1 -1.5
N18K	Kilae Creek	15.26	44 P	14 26 60.0 -0.6
N18K	Kilae Creek	15.26	44 P	14 26 55.0 -1.3
F14K	Arctic Creek	15.27	18 P	14 26 54.3 -2.1
OHAK	Old Harbor	15.35	58 P	14 27 00.5 -1.1
OHAK	Old Harbor	15.35	58 P	14 26 54.7 -2.8
OHAK	Old Harbor	15.35	58 P	14 26 56.8 -0.7
G15K	Niukluk	15.36	22 P	14 26 55.8 -1.7
I17K	Unalakleet	15.40	29 P	14 27 03.9 +1.8
I17K	Unalakleet	15.40	29 P	14 26 56.7 -1.3
K17K	Iditarod	15.41	35 P	14 26 58.0 -0.2
H16K	Elim	15.52	25 P	14 26 59.8 +0.1
J17K	VABM Dome	15.58	32 IAMB	14 27 09.7
J17K	VABM Dome	15.58	32 P	14 27 00.7 +0.3
Q19K	Cape Douglas	15.62	52 P	14 27 01.5 +0.5
M18K	Stony River	15.68	41 P	14 27 02.2 +0.5
L18K	Granite Mounta	15.72	38 P	14 27 02.3 +0.1
O19K	Port Alsworth	15.75	47 IAMB	14 27 10.7
O19K	Port Alsworth	15.75	47 P	14 27 02.7 +0.1
F15K	North Star Dit	15.82	20 P	14 27 02.6 -0.9
KDAK	Kodiak Island	15.84	56 P	14 27 01.0 -2.9
KDAK	Kodiak Island	15.84	56 P	14 27 10.1
KDAK	Kodiak Island	15.84	56 P	14 27 00.8 -3.0
KDAK	Kodiak Island	15.84	56 P	14 27 03.0 -0.8
KDAK	Kodiak Island	15.84	56 P	14 27 02.6 -1.3
N19K	Donnan Creek	15.93	45 P	14 27 05.2 +0.1
P19K	Oil Pt	16.05	50 P	14 27 07.1 +0.5
G16K	Koyuk River	16.09	24 P	14 27 06.2 -0.8
Q20K	Shuyak Island	16.14	54 P	14 27 08.3 +0.6
H17K	Granite Mounta	16.40	27 P	14 27 09.9 -1.0
L19K	White Mountain	16.43	40 P	14 27 10.5 -0.8
J18K	Innoko River	16.44	35 P	14 27 10.5 -0.9
SKR	Severo-Kuril's	16.44	278 eP	14 27 05.0 -6.5
SKR	Severo-Kuril's	16.44	278 eS	14 30 08.2 -4.5
SKR	Severo-Kuril's	16.44	278 pmax	14 30 08.2 -4.5
SKR	Severo-Kuril's	16.44	278 MLR	14 30 08.2 -4.5
M19K	Big River Lodg	16.48	41 P	14 27 11.1 -0.8
O20K	Slope Mountain	16.49	49 P	14 27 11.4 -0.7
G17K	Kiwalik Mounta	16.62	25 P	14 27 13.1 -0.5
HOM	Home	16.82	50 IAMB	14 27 22.4
HOM	Home	16.82	50 P	14 27 15.7 -0.5
L20K	Farewell, AK	16.97	40 P	14 27 17.3 -0.8
CNPM	China Foot	16.98	51 IAMB	14 27 24.6
M20K	Styx River	16.99	42 P	14 27 17.6 -0.8
H18K	Hornhosa River	17.01	29 P	14 27 17.9 -0.7
N20K	Mount Spurr	17.10	45 P	14 27 19.5 -0.3
SPCR	Spurr Chakacha	17.10	45 P	14 27 19.1 -0.7
J19K	Poorman	17.15	34 IAMB	14 27 27.6
J19K	Poorman	17.15	34 P	14 27 19.6 -0.6
GCSA	Galena City Sc	17.20	31 P	14 27 20.5 -0.4
F17K	Baldwin Pennin	17.21	23 P	14 27 20.1 -0.8
K20K	Telida	17.35	37 P	14 27 23.1 +0.3
G18K	Tagagawik	17.46	27 P	14 27 23.8 -0.3
E17K	Hotham Inlet	17.60	21 P	14 27 25.8 +0.1
SKT	Skwentna	17.72	43 IAMB	14 27 36.9
SKT	Skwentna	17.72	43 P	14 27 27.5 +0.2
F18K	Selawik	17.73	24 P	14 27 27.5 +0.1
J20K	Nowinta River	17.78	35 P	14 27 27.4 -0.6
D17K	Noatak River	17.85	18 P	14 27 27.4 -1.5
PPLA	Purkeypile	17.85	40 P	14 27 28.8 -0.3
H19K	Roundabout Mou	17.86	30 P	14 27 27.6 -1.3
SUA	Susitna One	17.86	45 P	14 27 29.3 +0.1
C16K	Lisburne Hills	17.96	15 P	14 27 28.9 -1.3
O22K	Cooper Landing	17.99	49 IAMB	14 27 41.5
O22K	Cooper Landing	17.99	49 P	14 27 31.0 +0.3
SEW	Seward	18.01	50 P	14 27 30.6 -0.2
I20K	Naaghdeneel	18.03	33 P	14 27 30.7 -0.3
G19K	Purcell Mounta	18.09	27 P	14 27 31.3 -0.5
E18K	Tukpalearik C	18.15	21 P	14 27 31.3 -1.1
RCO1	Rabbit Creek A	18.18	47 P	14 27 32.7 -0.2
RD01	Red Dog Mine	18.19	18 P	14 27 32.7 -0.2
M22K	Willow	18.24	45 IAMB	14 27 40.8
M22K	Willow	18.24	45 P	14 27 34.6 +0.9
CHUM	Lake Minchum	18.30	37 P	14 27 34.0 -0.1
H20K	Anotleneega Mo	18.33	31 P	14 27 33.6 -0.9
F19K	Shaluckik Mo	18.40	25 P	14 27 34.0 -1.2
BILL	Bilibino	18.42	3411 eP	14 27 34.7 -0.7
BILL	Bilibino	18.42	3411 eS	14 31 00.6 +0.3
BILL	Bilibino	18.42	3411 pmax	14 31 00.6 +0.3
BILL	Bilibino	18.42	3411 MLR	14 31 00.6 +0.3
CUT	Chulitna	18.43	43 P	14 27 35.1 -0.5
C17K	DeLong Mountai	18.51	17 P	14 27 35.6 -0.9
PMR	Palmer	18.62	46 P	14 27 37.7 0.0
KTH	Kantishna Hill	18.67	39 IAMB	14 27 47.5
PWL	Port Wells	18.75	48 P	14 27 39.3 +0.2
KNK	Knik Glacier	18.87	47 P	14 27 40.5 +0.1

BPAW	Bear Paw Mtn.	18.91	38 P	14 27 40.8 -0.1
P23K	Montague Islan	18.97	51 P	14 27 41.2 -0.3
IMAR	Indian Mountai	19.00	31 P	14 27 41.4 -0.5
E19K	Redstone River	19.00	24 IAMB	14 27 49.0
E19K	Redstone River	19.00	24 P	14 27 41.9 0.0
C18K	Utukuk River	19.04	19 P	14 27 42.0 -0.3
SML	Sawmill	19.05	46 P	14 27 41.7 -0.8
H21K	Melozitna Rive	19.11	32 IAMB	14 27 49.0
H21K	Melozitna Rive	19.11	32 P	14 27 43.1 +0.1
F20K	Avaraat Lake	19.11	27 P	14 27 42.0 -1.0
I21K	Tanana	19.12	34 IAMB	14 27 49.4
I21K	Tanana	19.12	34 P	14 27 43.3 -0.8
M23K	Glacier View	19.32	46 P	14 27 45.4 0.0
WAT1	Susitna Watana	19.33	43 P	14 27 45.2 -0.4
GLI	Glacier Island	19.34	49 P	14 27 46.9 -0.1
GLI	Glacier Island	19.34	49 P	14 27 45.0 -0.6
Q23K	Middleton Isla	19.38	53 P	14 27 45.1 -0.8
G21K	Allakaket	19.41	30 IAMB	14 27 52.4
G21K	Allakaket	19.41	30 P	14 27 46.7 +0.4
MA2	Magadan	19.47	307 P	14 27 40.0 0.0
MA2	Magadan	19.47	307 P	14 27 50.1 +1.6
MA2	Magadan	19.47	307 P	14 27 48.9 +0.4
MA2	Magadan	19.47	307 LR	14 34 49.2
MA2	Magadan	19.47	307 P	14 27 47.7 -0.8
MLY	Manley	19.48	35 P	14 27 46.7 -0.4
SCM	Sheep Creek Mo	19.51	46 P	14 27 46.3 -1.2
B18K	Kokolik River	19.53	17 P	14 27 46.2 -1.4
BWN	Brown River	19.53	38 IAMB	14 28 04.3
MCK	McKinley	19.54	40 P	14 27 47.7 -0.2
D19K	Kuna River	19.58	22 IAMB	14 27 57.5
D19K	Kuna River	19.58	22 P	14 27 47.4 -0.8
WAT6	Susitna Watana	19.59	44 P	14 27 48.2 -0.3
FID	Port Fidalgo	19.60	49 IAMB	14 27 53.1
SEY	Seymchan	19.67	317 P	14 27 51.2 +0.4
SEY	Seymchan	19.67	317 LR	14 34 50.5
H22K	Ishatitina Cre	19.73	33 P	14 27 49.4 -0.4
C19K	Lookout Ridge	19.74	19 IAMB	14 27 57.9
C19K	Lookout Ridge	19.74	19 P	14 27 50.4 +0.4
E20K	Nigiv River	19.86	24 P	14 27 50.5 -0.8
F21K	Alatina River	19.88	28 IAMB	14 27 58.4
F21K	Alatina River	19.88	28 P	14 27 51.4 0.0
NEA2	Nenana	19.88	37 IAMB	14 27 58.8
NEA2	Nenana	19.88	37 P	14 27 51.0 -0.4
EYAK	Cordova Ski Ar	19.90	50 P	14 27 52.9 -0.7
EYAK	Cordova Ski Ar	19.90	50 P	14 27 51.7 +0.1
DHY	Denali Highway	19.92	42 IAMB	14 28 08.5
DHY	Denali Highway	19.92	42 P	14 27 51.8 -0.2
I23K	Minto, Yukon-K	20.04	36 IAMB	14 28 01.2
I23K	Minto, Yukon-K	20.04	36 P	14 27 52.4 -0.8
KLU	Klutina	20.05	48 P	14 27 52.5 -0.9
D20K	Tolsona, Glenn	20.10	23 P	14 27 53.4 -0.4
M24K	Tolsona, Glenn	20.12	46 IAMB	14 28 01.6
M24K	Tolsona, Glenn	20.12	46 P	14 27 54.1 0.0
G22K	Bettles	20.29	30 P	14 27 55.3 -0.5
H23K	Yukon River	20.32	34 P	14 27 55.4 -0.9
MDM	Murphy Dome	20.37	37 IAMB	14 28 04.7
A19K	Wainwright	20.39	16 P	14 27 56.1 -0.7
F22K	John River	20.45	28 P	14 27 57.0 -0.7
COLA	College	20.48	37 P	14 28 01.7 +1.5
COLA	College	20.48	37 P	14 27 57.3 -0.5
COLA	College	20.48	37 P	14 27 58.2 +0.4
BMRM	Bremner River	20.54	49 P	14 27 59.1 +0.4
E21K	Killik River	20.57	25 IAMB	14 28 17.8
E21K	Killik River	20.57	25 P	14 27 57.7 -1.3
HMT	Hamilton	20.58	51 P	14 27 59.6 +0.6
HMT	Hamilton	20.58	51 IAMB	14 28 09.4
HDA	Harding Lake	20.62	39 P	14 27 59.7 +0.2
G23K	Bananza Creek	20.64	32 IAMB	14 28 05.1
G23K	Bananza Creek	20.64	32 P	14 27 59.1 -0.6
HARP	HAARP	20.66	45 P	14 28 00.4 +0.5
N25K	Chitina, Valde	20.70	48 P	14 28 00.4 0.0
PAX	Paxson	20.70	44 P	14 28 00.1 -0.3
POKR	Poker Flat Res	20.74	37 IAMB	14 28 19.4
POKR	Poker Flat Res	20.74	37 P	14 28 00.2 -0.6
ILAR	Eielson Array	20.80	38 P	14 27 59.7 -1.7
ILAR	Eielson Array	20.80	38 P	14 28 01.0 +0.1
ILAR	Eielson Array	20.80	38 S	14 31 51.0 +0.1
ILAR	Eielson Array	20.80	38 P	14 32 08.3 -0.3
ILAR	Eielson Array	20.80	38 ScP	14 35 39.7 -2.0
ILAR	Eielson Array	20.80	38 LR	14 37 17.8
K24K	Donnelly Dome	20.86	41 P	14 28 01.9 -0.2
C21K	Knifefield Rid	20.87	23 P	14 28 01.0 -1.1
COLD	Coldfoot	20.88	30 P	14 28 02.0 -0.3
H24K	Noodor Dome	20.92	35 P	14 28 03.0 +0.2
E22K	Anaktuvuk Pass	20.96	27 IAMB	14 28 10.8
E22K	Anaktuvuk Pass	20.96	27 P	14 28 03.2 +0.1
B20K	Meade River	20.98	20 IAMB	14 28 07.9
B20K	Meade River	20.98	20 P	14 28 02.2 -1.0

D22K	Aiyikyak River	21.21	25 IAMB	14 28 10.9
D22K	Aiyikyak River	21.21	25 P	14 28 04.8 -1.0
RIDG	Independant Ri	21.22	42 P	14 28 05.5 -0.5
CRQE	Cirque	21.22	50 P	14 28 05.3 -0.8
B21K	Ikpikpuk River	21.26	22 P	14 28 07.6 +1.4
B21K	Ikpikpuk River	21.26	22 IAMB	14 28 10.7
B21K	Ikpikpuk River	21.26	22 P	14 28 05.7 -0.5
J25K	Salchik River	21.33	39 P	14 28 06.4 -0.8
MCARA	McCarthy VSAT	21.38	49 IAMB	14 28 16.3
MCARA	McCarthy VSAT	21.38	49 P	14 28 06.8 -0.9
G24K	Hadweenzic Riv	21.49	33 IAMB	14 28 15.9
G24K	Hadweenzic Riv	21.49	33 P	14

H29M	Whitestone	24.64	38	P	P	14 28 39.7	-0.5
O30V	Mendenhall	24.64	51	P	P	14 28 40.4	0.0
TYV	Tymovskoe	24.66	284	eP	pmax	14 28 41.3	+0.7
TYV	comp=Z,22nm,1.4s						
R31K	City Hall, Gus	24.79	57	P	P	14 28 42.1	+0.6
N31M	Braeburn, Yuko	24.84	50	P	P	14 28 42.4	+0.3
D27M	Malcolm River	24.87	30	P	P	14 28 42.7	+0.2
SKAG	Skagway	24.98	55	P	P	14 28 43.2	-0.1
G29M	Pine Creek	24.98	37	P	P	14 28 43.6	+0.2
J30M	Hart River	25.04	42	P	P	14 28 43.7	-0.4
E28M	Babbage River	25.07	32	Iamb	Iamb	14 28 50.2	
E28M	Babbage River	25.07	32	P	P	14 28 43.7	-0.4
SIT	Sitka	25.09	60	P	P	14 28 45.2	+0.9
I30M	Mount Dempster	25.16	41	Iamb	Iamb	14 29 00.2	
I30M	Mount Dempster	25.16	41	P	P	14 28 44.8	-0.3
WHY	Whitehorse	25.23	52	P	P	14 28 45.3	-0.4
EPYK	Eagle Plains	25.32	38	Iamb	Iamb	14 29 04.4	
EPYK	Eagle Plains	25.32	38	P	P	14 28 46.1	-0.3
S32K	Killisnoo	25.46	59	P	P	14 28 48.1	+0.4
E29M	Blow River	25.54	33	Iamb	Iamb	14 28 54.7	
E29M	Blow River	25.54	33	P	P	14 28 47.4	-0.9
U31M	Drury Creek, Y	25.55	48	P	P	14 28 48.9	+0.2
MGLL	Uglegorsk	26.00	281	eP	pmax	14 28 49.9	+0.9
UGL	comp=Z,140nm,1.0s						
G30M	Aloh Zraii Njii	25.68	37	P	P	14 28 49.1	-0.6
P32M	Atlin	25.80	54	P	P	14 28 50.1	-0.8
YSS	Yuzh-Sakhalins	25.99	276	P	P	14 28 53.0	+0.4
YSS	comp=Z,100nm,1.0s						
YSS	Yuzh-Sakhalins	25.99	276	P	P	14 28 53.6	+1.0
YSS	Yuzh-Sakhalins	25.99	276	eP	pmax	14 28 53.3	+0.7
YSS	comp=Z,3um,0.5s						
YSS	comp=Z,60nm,0.9s						
YSS	comp=N,300nm,15.0s						
YSS	comp=Z,500nm,15.0s						
YSS	comp=E,500nm,16.0s						
F30M	Barrier River	26.03	36	P	P	14 28 52.5	-0.3
FARO	Faro, Yukon	26.05	48	P	P	14 28 52.2	-0.8
H31M	Peel River	26.12	40	P	P	14 28 52.9	-0.8
N32M	Quiet Lake	26.12	51	P	P	14 28 53.0	-0.8
P33M	Teslin, Yukon	26.24	53	P	P	14 28 55.4	+0.5
G31M	Satah River	26.40	38	P	P	14 28 55.0	-1.2
T33K	Petersburg	26.41	61	P	P	14 28 56.7	+0.4
U33K	Whale Pass	26.42	62	P	P	14 28 56.7	+0.3
CRAG	Craig	26.52	64	P	P	14 28 57.7	+0.4
Q32M	Nakina River	26.57	56	P	P	14 28 57.9	-0.1
F31M	Tsigichtic	26.73	37	P	P	14 28 58.3	-0.9
WRAK	Wrangell Isian	26.80	61	P	P	14 29 00.2	+0.4
INK	Inuvik	27.05	35	P	P	14 29 01.9	-0.1
R33M	Jennings River	27.21	55	P	P	14 29 04.1	+0.5
S34M	Telegraph Cree	27.26	58	P	P	14 29 04.4	+0.5
JKA	Kamikawa-asahi	27.38	270	P	P	14 29 05.5	+0.4
ASAJ	Asahikawa	27.38	270	LR	LR	14 38 34.0	
ASAJ	Asahikawa	27.38	270	P	P	14 29 05.6	+0.4
V35K	Ketchikan	27.39	64	P	P	14 29 05.8	+0.7
DLBO	Dease Lake	27.78	57	LR	LR	14 41 21.2	
DLBO	Dease Lake	27.78	57	P	P	14 29 09.5	+0.8
T35M	Bob Conn	27.86	60	P	P	14 29 09.8	+0.4
ERM	Ermo	28.12	266	P	P	14 29 12.6	+0.8
ERM	comp=Z,129nm,1.7s						
ERM	Ermo	28.12	266	P	P	14 29 12.6	+0.8
TGTN	Hyland Airport	28.44	50	P	P	14 29 14.2	-0.3
GRNR	Gornyy	28.45	287	flP	pmax	14 29 13.9	-0.8
GRNR	comp=Z,20nm,1.2s						
GRNR	comp=E,300nm,13.0s						
GRNR	comp=N,280nm,12.0s						
YAK	Yakutsk	29.90	311	PcP	PcP	14 32 29.5	+0.4
YAK	Yakutsk	29.90	311	LR	LR	14 41 46.3	
YAK	Yakutsk	29.90	311	eP	P	14 29 29.0	+1.6
YAK	Yakutsk	29.90	311	eP	sP	14 29 44.2	+0.8
YAK	Yakutsk	29.90	311	e	e	14 32 29.0	
YAK	Yakutsk	29.90	311	eS	sS	14 34 22.1	+0.6
YAK	Yakutsk	29.90	311	eSS	sSS	14 34 47.8	+8.5
YAK	Yakutsk	29.90	311	eSS	ScP	14 36 03.9	-3.7
YAK	Yakutsk	29.90	311	e	e	14 36 15.0	
YAK	Yakutsk	29.90	311	e	pmax	14 40 03.2	
YAK	comp=Z,14nm,1.1s						
YAK	comp=E,3.0nm,0.9s						
YAK	comp=N,2.0nm,1.0s						
YAK	comp=Z,17nm,1.5s						
YAK	comp=E,57nm,2.7s						
YAK	comp=N,35nm,2.7s						
YAK	comp=Z,331nm,16.0s						
TOAD	Toad River Com	30.21	55	P	P	14 29 30.4	+0.1
BBB	Bella Bella	30.21	69	P	P	14 29 32.0	+1.8
BBB	Bella Bella	30.21	69	Iamb	Iamb	14 29 48.8	
BBB	Bella Bella	30.21	69	LR	LR	14 41 56.9	
BBB	comp=Z,257nm,18.1s,baz=288,slow=37						

WRGLY	Wrigley	30.60	46	P	P	14 29 32.5	-1.1
KOTAN	Kotaneleele Air	30.62	52	P	P	14 29 33.2	-0.6
TIXI	Tiksi	30.94	330	P	P	14 29 36.5	+0.1
TIXI	Tiksi	30.94	330	LR	LR	14 43 01.2	
TIXI	Tiksi	30.94	330	P	P	14 29 36.5	+0.1
TIXI	comp=Z,7.0nm,1.0s						
TIXI	Tiksi	30.94	330	P	P	14 29 37.3	+0.9
TIXI	Kul'dur	31.82	286	PcP	PcP	14 32 31.1	-0.5
KLR	Kul'dur	31.82	286	LR	LR	14 42 37.7	
KLR	Kul'dur	31.82	286	eP	pmax	14 29 43.5	-0.9
JMM	Marumori	32.02	261	Iamb	Iamb	14 29 47.5	
JMM	Marumori	32.02	261	P	P	14 29 46.8	+0.5
ZEA	Zeya	32.82	286	eP	pmax	14 29 53.3	+0.1
ZEA	comp=Z,10.0nm,1.2s						
ZEA	comp=E,200nm,13.0s						
ZEA	comp=Z,300nm,16.0s						
JSD	Sado	33.49	264	P	P	14 29 59.8	+0.7
H11N2	WAKE ISLAND Hy	33.85	278	T	T	15 06 12.2	
H11N3	WAKE ISLAND Hy	33.85	207	T	T	15 06 12.9	
H11N1	WAKE ISLAND Hy	33.87	207	T	T	15 06 19.5	
USA0B	Ussuriysk Arra	33.96	278	Iamb	Iamb	14 30 03.8	
USA0B	Ussuriysk Arra	33.96	278	P	P	14 30 02.1	-1.1
USDRK	Ussuriysk Arr	33.96	278	P	P	14 30 02.4	+0.8
USDRK	Ussuriysk Arr	33.96	278	P	P	14 30 02.8	-0.4
USRK	comp=Z,20nm,0.8s,baz=59,slow=7.9,SNR=24						
USRK	comp=Z,3.2nm,1.0s,baz=98,slow=4.4,SNR=5						
USRK	comp=Z,258nm,18.9s,baz=48,slow=39						
HEH	HeiHe	33.99	290	eP	P	14 30 01.8	-1.6
HEH	HeiHe	33.99	290	PcP	PcP	14 36 23.3	+1.6
HEH	HeiHe	33.99	290	ScP	ScP	14 36 23.3	+1.6
HEH	comp=Z,24nm,1.2s						
HEH	comp=Z,160nm,19.8s						
HEH	comp=Z,500nm,17.1s						
HEH	comp=Z,670nm,18.4s						
MJAR	Matsuhiro Arr	34.45	262	P	P	14 30 07.9	+0.3
MJAR	comp=Z,10nm,0.9s,baz=50,slow=7.9,SNR=37						
MJAR	comp=Z,4.9nm,1.0s,baz=61,slow=2.3,SNR=8.2						
MJAR	comp=Z,511nm,21.4s,baz=52,slow=33						
MJAR	comp=Z,10nm,0.9s						
MAJO	Matsuhiro	34.45	262	P	P	14 30 08.0	+0.4
MAJO	comp=Z,44nm,1.1s						
MAJO	Matsuhiro	34.45	262	P	P	14 30 08.0	+0.4
MAJO	Matsuhiro	34.45	262	P	P	14 30 08.0	+0.4
MAJO	Matsuhiro	34.45	262	P	P	14 30 08.0	+0.4
MAJO	Matsuhiro	34.45	262	P	P	14 30 08.1	+0.5
MJB9	Matsu-Tunnel	34.45	262	Iamb	Iamb	14 30 09.3	
NLWA	Neilton Lookou	34.62	75	Iamb	Iamb	14 30 28.4	
YKA	Yellowknife Ar	34.72	47	P	P	14 30 09.1	-0.5
YKA	Yellowknife Ar	34.72	47	PcP	PcP	14 32 41.4	-1.0
YKA	Yellowknife Ar	34.72	47	P	P	14 30 09.0	-0.5
YKA	comp=Z,6.8nm,0.9s,baz=284,slow=6.5,SNR=7.4						
YKA	comp=Z,4.8nm,0.9s,baz=321,slow=2.2,SNR=5.7						
YKA	comp=Z,469nm,18.6s,baz=270,slow=39						
H1S11	WAKE ISLAND Hy	35.07	206	T	T	15 07 26.1	
H1S12	WAKE ISLAND Hy	35.08	206	T	T	15 07 40.2	
H1S13	WAKE ISLAND Hy	35.09	206	T	T	15 07 28.7	
MDJ	Mudanjiang	35.23	280	P	P	14 30 13.2	-0.9
MDJ	Mudanjiang	35.23	280	sS	sS	14 36 03.9	+11.3
MDJ	comp=Z,24nm,0.8s						
MDJ	comp=Z,230nm,14.3s						
MDJ	comp=Z,200nm,14.2s						
MDJ	comp=Z,570nm,14.4s						
MDJ	Mudanjiang	35.23	280	P	P	14 30 13.3	-0.9
MDJ	Mudanjiang	35.23	280	P	P	14 30 13.4	-0.8
MSHR	Mys Shultsa	35.32	276	eP	P	14 30 14.9	0.0
MSHR	comp=Z,72nm,1.0s						
PSTR	Posyet	35.50	276	P	P	14 30 16.6	+0.1
JGF	Kuroka	35.59	261	Iamb	Iamb	14 30 19.3	
JGF	comp=Z,33nm,0.9s						
JHJ	Kuroka	35.59	261	P	P	14 30 18.2	+0.8
JHJ	Hachijo jima 2	35.76	256	LR	LR	14 43 12.3	
BNX	BinXian	36.01	283	flP	pmax	14 30 19.9	-1.0
G03D	McMinnville, O	36.02	78	Iamb	Iamb	14 30 40.9	
LON	Longrine	36.16	75	Iamb	Iamb	14 30 48.6	
COR	Corvallis	36.32	79	P	P	14 30 25.2	+1.8
COR	Liberty	36.60	73	pP	pP	14 30 37.6	+1.0
LTY	Liberty	36.60	73	Iamb	Iamb	14 30 44.4	
H04D	Lebanon	36.70	79	Iamb	Iamb	14 30 57.0	
BUCK	Buck Mountain	36.71	79	Iamb	Iamb	14 30 43.1	
DBO	Dodson Butte	37.12	81	Iamb	Iamb	14 30 52.9	
MXC	Moxie City	37.16	74	Iamb	Iamb	14 30 49.5	
L02F	Cave Junction	37.46	83	Iamb	Iamb	14 31 02.8	
G06A	Carlson Farm,	37.62	76	Iamb	Iamb	14 30 52.7	
I05D	Terrebonne, OR	37.65	78	Iamb	Iamb	14 30 50.3	
F07A	Phinny Hill Vi	37.72	75	Iamb	Iamb	14 30 54.2	
KHMM	Horse Mountain	38.06	84	Iamb	Iamb	14 30 55.2	
PINE	Pine Mountain	38.18	79	Iamb	Iamb	14 30 59.7	
CN2	Changchun	38.20	281	flP	P	14 30 38.5	-0.9
CN2	Changchun	38.20	281	eP	sP	14 30 52.5	+1.9
CN2	Changchun	38.20	281	eS	S	14 36 26.0	-3.9
CN2	comp=Z,10.0nm,0.8s						
CN2	comp=Z,100nm,5.0s						
CN2	comp=Z,100nm,12.0s						
CN2	comp=Z,200nm,12.0s						
YBH	Yreka Blue Hor	38.21	82	P	P	14 30 41.6	+1.9
YBH</							

1cd 15h

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BCLA Clavier, BGES Geves, KOLS Kolonje sedi, etc.

2018 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GZR Guro Zlata, DAVOX Davos/Dischmat, WRAB Tennant Creek, etc.

2018 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WBRB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

2018 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GSPA South Pole Qui, OSPA comp=2.5,8nm,1.0s, etc.

2018 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IDG 01:14:49:02.9.0.32, JMA 01:14:49:03.7.0.2, etc.

az=116.0
 ISC 01 15:02:35.4:1.3, 35.4N, 02.137.5E: 0.2, h45km, n6,
 o=543.6, mb3.5, Eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
MJAR	Matsushiro Arr	1.29	25	Op Pn	15 02 57.0	+0.1
MJAR	4.3nm, 0.3s, baz=256, slow=19, SNR=4.6					
MJAR	2.2nm, 0.3s, baz=216, slow=18, SNR=4.2				15 03 16.4	
ZALV	Zalesovo Beam	40.76	314	P	15 10 11.1	-0.6
	0.4nm, 0.4s, baz=99, slow=8.9, SNR=2.5					
MKAR	Makanchi Array	42.37	303	P	15 10 25.4	+0.3
	0.5nm, 0.8s, baz=81, slow=9.5, SNR=4.4					
KURBB	Kurchatov Arra	44.57	309	P	15 10 43.0	+0.3
	0.4nm, 0.5s, baz=82, slow=7.6, SNR=5.0					
WRA	Warramunga Arr	55.10	184	P	15 12 02.8	-0.1
	0.3nm, 0.4s, baz=0.9, slow=7.5, SNR=9.3					
ASAR	Alice Springs	58.82	184	P	15 12 29.3	+0.1
	0.2nm, 0.5s, baz=8.2, slow=8.4, SNR=1.4					

IDC 01 15:35:45.3:1.7, 3.04N:126.90E, h0km, mb3.4/4,
 mbmp3.4/4, Error ellipse: s-maj=148.4km
 s-min=21.5km az=67.0, Talaud Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WRA	Warramunga Arr	23.97	163	Op Pn	15 41 01.8	+0.2
	0.6nm, 0.7s, baz=343, slow=11, SNR=19					
ASAR	Alice Springs	27.40	166	P	15 41 32.9	+0.1
	0.1nm, 0.7s, baz=343, slow=11, SNR=1.6					
MKAR	Makanchi Array	58.22	325	P	15 45 41.2	-0.3
	0.3nm, 0.4s, baz=117, slow=9.2, SNR=11					
KURBB	Kurchatov Arra	62.41	328	P	15 46 10.1	+0.1
	0.4nm, 0.3s, baz=125, slow=6.3, SNR=6.5					

IDC 01 15:39:35.4:1.0, 2.87N:126.44E, h0km, mb4.1/10,
 mbmp1.1/10, Error ellipse: s-maj=100.4km s-min=12.2km
 az=65.0
 NEIC 01 15:39:36.0:0.3, 3.0N:0.1x126.44E:0.1, h10km, 2km,
 mb4.1/12, Error ellipse: s-maj=30.0km s-min=10.0km
 az=49.0
 DJA 01 15:39:40.0:0.5, 3.1N:4.1x127.7E, h10km, M3.9/7, mb4.1/2,
 MLV3.8/7

ISC 01 15:39:36.5:0.7, 3.05N:126.51E:0.08, h10km, n31,
 o=131/33, mb4.2/15, Talaud Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
TNTI	Ternate	2.42	159	Op Pn	15 40 15.1	-1.0
TNTI	Ternate	2.42	159	P	15 40 20.2	+0.1
GTOI	Gorontalo	4.24	126	P	15 40 50.8	-0.3
SANI	Sanana	5.09	186	P	15 40 55.5	+2.6
MRSI	Mirisia	5.23	241	P	15 41 06.5	-1.6
FAKI	Fak Fak	8.25	136	Pn	15 41 36.0	-0.3
MYLDM	Lahad Datu	8.25	136	Pn	15 41 35.6	-0.9
MTN	Manton Dam	16.44	164	Pn	15 43 27.0	-0.5
KNRA	Kununurra	18.74	173	P	15 43 56.1	+0.1
YULB	Yu-li	20.85	346	P	15 44 16.8	-1.9
YULB				Iamb Iamb	15 44 54.1	
TPUB	Tapu	20.92	345	P	15 44 19.9	+0.4
FITZ	Fitzroy Crossi	21.03	182	P	15 44 22.7	+2.1
WBO	Warramunga Arr	23.96	161	P	15 44 50.0	-1.2
WB2				Iamb Iamb	15 45 00.7	
WRAB	Tennant Creek	24.10	162	P	15 44 51.6	-0.9
WRAB				Iamb Iamb	15 44 58.6	
WRA	Warramunga Arr	24.11	162	P	15 44 51.2	-1.4
WRA				S S	15 49 10.0	-0.4
WB2	Warramunga Arr	24.11	162	P	15 44 51.5	-1.1
WB2				Iamb Iamb	15 45 07.1	
WR0	Warramunga Arr	24.18	161	P	15 44 52.4	-1.0
WR0				Iamb Iamb	15 45 21.8	
PSA00	Pilbara Seismi	25.32	195	P	15 45 00.8	-2.8
PSA00				Iamb Iamb	15 45 06.8	
AS31	Alice Springs	27.51	165	P	15 45 25.6	+2.2
ASAR	Alice Springs	27.51	165	P	15 45 24.6	+1.2
ASAR	Alice Springs	27.51	165	P	15 45 24.0	+0.5
ASAR				PcP PcP	15 48 41.0	-0.8
CMAR	Chiang Mai Arr	34.73	302	P	15 45 55.0	+0.3
	comp=2.0, 4nm, 0.4s, baz=119, slow=5.4, SNR=1.5					
BB00	Buckleboo	36.79	167	P	15 46 43.9	-0.7
STKA	Stephens Creek	37.58	159	P	15 46 50.7	-0.6
	comp=2.1, 4nm, 0.3s, baz=319, slow=7.4, SNR=2.8					
MKAR	Makanchi Array	57.99	326	P	15 49 30.7	+1.2
	comp=2.1, 3nm, 0.4s, baz=119, slow=7.8, SNR=36					
ZALV	Zalesovo Beam	61.09	333	P	15 49 51.5	+0.8
	comp=2.0, 5nm, 0.3s, baz=116, slow=6.8, SNR=4.2					
KURBB	Kurchatov Arra	62.19	328	P	15 49 59.0	+0.8
	comp=2.2, 5nm, 0.7s, baz=125, slow=6.5, SNR=25					
BVAR	Borovoye Array	67.77	327	P	15 50 36.0	+1.6
	comp=2.0, 9nm, 0.5s, baz=140, slow=9.4, SNR=7.3					
AKTO	Aktyubinsk	74.06	322	P	15 51 13.9	+1.2
	comp=2.1, 2nm, 0.4s, baz=119, slow=10, SNR=4.8					
ARU	Arti	75.39	328	P	15 51 21.6	+1.3
	comp=2.5, 6nm, 0.6s, baz=104, slow=8.3, SNR=6.7					
TORD	Tordi Ar. Bea	122.92	288	PKP PKIKP	15 58 35.1	+0.8
	comp=2.0, 4nm, 0.5s, baz=60, slow=2.6, SNR=3.7					

IDC 01 15:42:59.8:0.3, 27.92N:139.91E, h437km, 3km, mb5.0/38,
 mbmp2.7/43, Error ellipse: s-maj=7.5km s-min=5.5km
 az=67.0
 NEIC 01 15:43:00.7:2.1, 27.96N:139.91E:0.10, h435km, 1km,
 mb5.4/614, Mw5.7/31, Mw5.6/45, Error ellipse: s-maj=14.3km
 s-min=13.4km az=92.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm;
 Mn:-2.73; Mw:1.48; Mw:1.45; Mw:1.09; Mw:1.75; Mw:3.24;
 Fault plane solution: M0:3.90000x10¹⁷ NP1:
 o=335, 15000°, 870.53000°, λ=75.47000°. NP2:
 o=117, 28000°, 624.13000°, λ=125.36000°. Principal axes:
 T: 4.5227; P: 24.0000; Azm:54.0000; N: -0.0239,
 P: 14.0000; Azm:150.0000; P: -4.4988, P: 262.0000,
 Azm:267.0000
 NEIC 01 15:43:00.7:27.96N:139.91E, h435km
 MOS 01 15:43:00.6:0.8, 27.91N:139.82E, h454km, mb5.5/68,
 Error ellipse: s-maj=7.7km s-min=3.7km az=114.4
 NEIC 01 15:43:00.7:27.96N:139.91E, h430km, Moment Tensor
 Solution. Duration: 363 Moment tensor: Scale 10¹⁷Nm;
 Mn:-1.56; Mw:1.48; Mw:0.07; Mw:0.90; Mw:1.02; Mw:-2.73;
 Fault plane solution: M0:3.90000x10¹⁷ NP1:
 o=331, 92000°, 876.51000°, λ=68.58000°. NP2:
 o=92, 66000°, 825.14000°, λ=146.69000°. Principal axes:
 T: 3.1893, P: 18.93000°, Azm:45.0000; N: 0.4012, P: 21.0000,
 Azm:147.0000; P: 5.5895, P: 54.0000, Azm:268.0000;
 NIED 01 15:43:01.2:28.03N:140.22E, h459km, Mw5.6, Moment
 Tensor Solution. s3 Moment tensor: Scale 10¹⁷Nm;
 Mn:-1.81; Mw:1.31; Mw:0.50; Mw:0.28; Mw:1.18; Mw:-1.84;
 Fault plane solution: M0:2.73000x10¹⁷ NP1:
 o=333.00000°, 868.00000°, λ=65.00000°. NP2:
 o=102.00000°, 833.00000°, λ=136.00000°
 BUJ 01 15:43:01.2:0.0, 27.95N:139.83E, h460km, mb5.6/96,

mb5.5/65
 GCMT 01 15:43:01.7:0.2, 27.98N:0.01:139.82E:0.02,
 h449km, 1km, Mw5.6/141, Moment Tensor Solution.
 s141, c262; Duration: 156 Moment tensor: Scale 10¹⁷
 Nm; Mn:-2.19; Mw:1.41; Mw:1.41; Mw:0.78; Mw:0.6;
 Mw:1.21; Mw:0.06; Mw:1.04; Mw:0.7; Mw:2.71; Mw:0.6;
 Best double couple: M0:3.67400x10¹⁷ NP1:
 o=329.00000°, 873.00000°, λ=7.700000°. NP2:
 o=111.00000°, 822.00000°, λ=126.00000°. Principal axes:
 T: 3.5020, P: 216.0000°, Azm:49.0000°; N: 0.3530, P: 153.0000°, Azm:145.0000°; P: -3.8460, P: 160.0000°, Azm:253.0000°. nst1 refers to
 body waves, cut-off=0.6. Triangular moment-rate function
 NEIC 01 15:43:01.2:27.93N:139.96E, h442km,
 JMA 01 15:43:01.2:0.3, 28.0N:1.0:14.0E:1, h459km, 4km,
 MD5.6/32, Mw5.6/32, W OFF OGASAWARA
 JMA Felt II J1 at W OFF OGASAWARA
 IGP 01 15:43:02.0:27.92N:139.94E, h450km, Mw5.6, Fault
 plane solution: NP1:
 o=326.00000°, 868.00000°, λ=64.00000°. NP2:
 o=94.00000°, 834.00000°, λ=137.00000°
 BGR 01 15:43:04.1:28.50N:140.50E, h476km, mb5.5, mb BB5.8
 ISC 01 15:43:04.1:28.50N:140.50E:0.03, h457km, 1km,
 h458km, mbP. P, n1863, λ=146/2106, mb5.4/543, 55E-106D,
 Bonin Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CBJ	Chichi jima	2.19	112	Op P	15 44 02.5	-1.4
CBJ				eS	15 44 50.7	-3.7
CBJ	Chichi jima	2.19	112	A	15 44 02.5	
JCJ	Chichijima	2.19	112	P	15 44 02.5	-1.5
JCJ	Chichijima	2.19	112	P	15 44 02.9	-1.1
JCJ	Chichijima	2.19	112	P	15 43 58.3	-5.7
JCJ				comp=1.14nm, 0.4s, baz=359, slow=0.7, SNR=2292		
JHH2	Haha-jima-NKT2	2.40	122	A	15 44 40.3	-0.9
JHH2				comp=2.272nm, 0.4s, comp=N.218nm, 0.4s		
JAOM	Aogashimamukai	4.52	358	A	15 44 21.4	
JHCC	Hachiojimakas	5.12	359	P	15 44 27.0	-0.5
JHCC				comp=3.31nm, 0.9s, comp=N.22nm, 2.6s		
JHCC	Hachiojimakas	5.12	359	P	15 44 27.0	-5.0
JHCC				comp=3.31nm, 0.9s, comp=N.22nm, 2.6s		
JH2	Mitsune	5.16	359	P	15 44 27.5	-0.4
JH2	Mitsune	5.16	359	P	15 44 27.8	0.0
JH2	Mitsune	5.16	359	P	15 44 27.0	0.4
JH2				comp=3.99nm, 0.7s, comp=N.15nm, 7.0s		
JH2	Mitsune	5.16	359	P	15 44 27.5	-3.2
JH2				comp=3.99nm, 0.7s, comp=N.15nm, 7.0s		
JHJ	Hachiojima	5.17	359	P	15 44 26.8	-1.2
JHJ				comp=N.507nm, 0.3s, baz=283, slow=1.5 SNR=243		
JHM	Mikurajimanish	5.95	357	A	15 44 35.3	
JHM				comp=E.17nm, 3.3s, comp=N.12nm, 2.4s		
JMYK	Miyake Tsubota	6.12	357	A	15 44 37.1	
JMYK				comp=E.24nm, 2.9s, comp=N.24nm, 2.5s		
KJO	Kozu shima	6.27	354	A	15 44 38.8	
KJO				comp=E.34nm, 3.3s, comp=N.21nm, 2.5s		
TT01	TONANKAI O.B.S	6.28	355	P	15 44 41.2	+2.6
TT01	TONANKAI O.B.S	6.28	355	A	15 44 41.2	
TT01	TONANKAI O.B.S	6.28	355	P	15 44 41.2	
TT02	TONANKAI O.B.S	6.29	348	A	15 44 39.9	
TT02	TONANKAI O.B.S	6.29	348	A	15 44 39.7	
TT03	TONANKAI O.B.S	6.39	342	A	15 44 40.7	
TT03	TONANKAI O.B.S	6.39	342	A	15 44 40.7	
JSKK	Shikinejimaki	6.41	355	A	15 44 40.2	
JSKK				comp=E.16nm, 2.2s, comp=N.14nm, 2.3s		
JNIO	Nijimaohara	6.42	355	A	15 44 40.4	
JNIO				comp=E.29nm, 3.0s, comp=N.29nm, 2.6s		
JWKM	Wakayamakushim	6.56	324	A	15 44 43.2	
JWKM				comp=E.26nm, 2.4s, comp=N.19nm, 2.6s		
TT05	TONANKAI O.B.S	6.57	348	A	15 44 42.5	
TT05	TONANKAI O.B.S	6.57	348	A	15 44 42.5	
JTHY	Toshimahigashi	6.59	356	A	15 44 42.1	
JTHY				comp=E.15nm, 0.9s, comp=N.10nm, 3.3s		
BSO1	Boso	6.78	357	A	15 44 43.4	0.0
JIM2	Oshima 3	6.78	357	A	15 44 44.0	
JIZS	Izushimoda	6.82	353	A	15 44 44.7	
JIZS				comp=E.5.0nm, 2.3s, comp=N.1.7nm, 2.3s		
JSG	Sagara	6.88	348	P	15 44 45.4	+0.2
JSG	Sagara	6.88	348	P	15 44 46.1	+0.9
JSG	Sagara	6.88	348	A	15 44 45.6	

LZH		PcP	PcP	15 51 25.1 +0.7
LZH		ScP	ScP	15 54 25.4 +1.7
LZH		sS	sS	15 55 42.4 -5.3
LZH		ScS	ScS	15 58 22.3 -0.6
LZH	comp=Z,290nm,1.6s	pmax	pmax	
CD2		P	P	15 48 45.2 +0.1
CD2		pP	pP	15 50 05.6 +1.2
CD2		sP	sP	15 50 59.9 +2.5
CD2		S	S	15 53 18.3 -2.1
CD2		sS	sS	15 55 51.2 +3.0
CD2	comp=Z,520nm,0.5s	pmax	pmax	
CD2	comp=Z,830nm,3.6s	pmax	pmax	
FAKI		P	P	15 48 44.2 -1.0
FAKI	comp=Z,98nm,0.7s	IAmb	IAmb	15 48 46.7
FAKI		P	P	15 48 44.9 -0.3
FAKI		P	P	15 48 45.0 -0.3
FAKI	comp=Z,138nm,1.1s	P	P	15 48 45.6 -0.1
GTOI		P	P	15 48 47.4 -1.5
GTOI	comp=Z,138nm,1.1s	P	P	15 48 45.6 -0.1
KMPI		P	P	15 48 47.4 -1.5
KMPI	comp=Z,370nm,0.8s,comp=Z,3um	P	P	15 48 52.0 +0.5
MRSI		P	P	15 48 52.1 +0.4
MRSI	comp=Z,370nm,0.8s,comp=Z,3um	P	P	15 48 52.5 +0.8
ULN		S	S	15 53 26.6 +0.4
ULN		P	P	15 48 52.7 +1.0
ULN		P	P	15 48 52.6 +0.8
ULN		P	P	15 51 27.1 +0.6
ULN		PcP	PcP	15 54 26.7 +0.4
ULN		ScP	ScP	15 48 53.3
TOL2		IAmb	IAmb	15 51 26.6 -0.2
TOL2	comp=Z,183nm,0.9s	P	P	15 48 52.0 -0.1
TOL2		P	P	15 48 53.6 +0.8
MA2		P	P	15 48 53.5 +0.8
MA2		P	P	15 48 53.6 +0.8
MA2		P	P	15 48 53.6 +0.8
MA2	comp=Z,278nm,1.0s	P	P	15 48 53.4 +0.6
MA2	comp=Z,292nm,1.1s,comp=Z,3um	P	P	15 48 53.5 +0.6
MA2		P	P	15 51 28.0 +1.5
MA2		PcP	PcP	15 54 26.2 -0.2
MA2		ScP	ScP	15 48 53.8 -1.1
SANI		P	P	15 48 53.8 -1.1
SANI	comp=Z,278nm,1.0s	P	P	15 48 55.4 +0.4
SANM		P	P	15 48 55.6 +0.6
SANM	comp=Z,95nm,0.4s,baz=125,slow=8.4,SNR=394	PcP	PcP	15 51 27.7 +0.2
SANM	comp=Z,11nm,0.7s,baz=152,slow=3.3,SNR=4.5	S	S	15 53 38.0 -0.1
SANM	comp=Z,7.1nm,1.0s,baz=71,slow=2.0,SNR=4.2	ScP	ScP	15 54 28.0 +0.4
SANM	comp=Z,22nm,0.8s,baz=149,slow=3.6,SNR=14	P	P	15 48 58.0 +1.7
SANM	comp=Z,65nm,0.4s	P	P	15 48 58.1 -1.1
MSAI		P	P	15 48 57.3 -1.9
MSAI	comp=Z,473nm,1.2s,comp=Z,4um	P	P	15 49 01.0 +0.8
MSAI		P	P	15 49 01.0 +0.9
LWU1		P	P	15 49 03.6 +0.2
LWU1	comp=Z,133nm,0.8s	P	P	15 49 03.1 -0.3
LWU1		P	P	15 49 05.3 +0.3
LWU1		P	P	15 51 18.9 +1.4
LWU1	comp=Z,380nm,1.2s,comp=Z,24um	pmax	pmax	15 53 53.9 -2.5
LWU1	comp=Z,330nm,2.7s	pmax	pmax	
KMI		P	P	15 49 01.0 +0.8
KMI		P	P	15 50 23.1 +2.8
KMI		sP	sP	15 51 11.4 -1.1
KMI		S	S	15 53 46.9 -0.7
KMI		ScP	ScP	15 54 31.2 +1.0
KMI		sS	sS	15 56 19.6 +3.4
KMI		SS	SS	15 56 33.9 -5.2
KMI	comp=Z,310nm,1.4s	pmax	pmax	
KMI		P	P	15 49 01.0 +0.8
KMI	comp=Z,11um,3.1s	IAmb	IAmb	15 49 02.5
SLVN		P	P	15 49 01.0 +0.8
SLVN	comp=Z,208nm,1.0s	P	P	15 49 01.0 +0.8
SLVN		P	P	15 49 01.0 +0.9
SLVN	comp=Z,133nm,0.8s	P	P	15 49 03.6 +0.2
BNDI		P	P	15 49 03.1 -0.3
BNDI	comp=Z,133nm,0.8s	P	P	15 49 05.3 +0.3
BNDI		P	P	15 51 18.9 +1.4
BNDI	comp=Z,380nm,1.2s,comp=Z,24um	pmax	pmax	15 53 53.9 -2.5
PZH		P	P	15 49 01.0 +0.8
PZH	comp=Z,350nm,1.2s	pmax	pmax	
PZH		P	P	15 49 01.0 +0.8
PZH	comp=Z,11um,4.4s	P	P	15 49 11.9 -0.1
YAK		IAmb	IAmb	15 49 13.0
YAK	comp=Z,85nm,0.8s	S	S	15 54 05.9 -2.6
YAK	comp=Z,11nm,0.7s,baz=233,slow=24,SNR=13	P	P	15 49 11.3 -0.6
YAK	comp=Z,11nm,0.7s,baz=233,slow=24,SNR=13	P	P	15 50 50.5
YAK		e	e	15 51 32.9
YAK		eS	eS	15 54 09.0 +0.5
YAK		eSS	eSS	15 56 37.7 -0.1
YAK		eSS	eSS	15 57 06.9 +2.0
YAK		e	e	15 58 34.4
YAK	comp=Z,90nm,0.9s	pmax	pmax	
YAK	comp=Z,5.0nm,0.9s	pmax	pmax	
YAK	comp=Z,17nm,1.0s	pmax	pmax	
YAK	comp=Z,253nm,2.8s	pmax	pmax	
YAK	comp=Z,86nm,2.7s	pmax	pmax	
YAK	comp=Z,145nm,2.3s	smax	smax	
YAK	comp=Z,11um,2.7s	smax	smax	
YAK	comp=Z,139nm,2.3s	smax	smax	
YAK		P	P	15 49 11.8 -0.1
YAK		ScP	ScP	15 54 33.5 -0.9
BOD		eP	eP	15 49 13.5 -0.1
BOD		pmax	pmax	
GTA		P	P	15 49 14.7 +0.1
GTA	comp=Z,116nm,1.3s	pp	pp	15 54 09.6 -3.6
GTA		PcP	PcP	15 54 37.0 +1.0
GTA		S	S	15 56 38.8 -3.9
GTA		ScP	ScP	15 58 39.2 -2.1
GTA		ScS	ScS	15 58 39.2 -2.1
GTA	comp=Z,220nm,1.2s	pmax	pmax	
GTA	comp=Z,890nm,7.8s	pmax	pmax	
SMKI		P	P	15 49 22.1 +2.1
SMKI	comp=Z,121nm,1.4s	P	P	15 49 19.7 0.0
ZAK		eP	eP	15 54 18.5
ZAK		e	e	15 58 39.7
ZAK	comp=Z,195nm,1.2s	pmax	pmax	
ZAK	comp=Z,18nm,1.4s	pmax	pmax	
IRK		eP	eP	15 49 21.8 -0.2
IRK		eS	eS	15 54 28.0 +1.5
IRK	comp=Z,306nm,1.2s	pmax	pmax	
SEY		eP	eP	15 49 19.5 -2.3
SEY	comp=Z,105nm,1.0s	pmax	pmax	
BKB		P	P	15 49 27.0 0.0
BKB	comp=Z,454nm,1.0s	P	P	15 49 28.8 +0.7
SBUM		P	P	15 49 29.4 +1.0
SBUM	comp=Z,417nm,1.0s,comp=Z,7um	P	P	15 49 29.9 +1.5
SAUI		P	P	15 49 30.4 +1.0
SAUI	comp=Z,105nm,1.0s	P	P	15 49 32.4 +0.7
CRAI		P	P	15 50 56.3 +3.0
TNCH		pp	pp	

TNCH		PP	PP	15 51 14.2 +5.0
TNCH		PcP	PcP	15 51 41.9 +1.1
TNCH		sP	sP	15 51 45.0 0.0
TNCH		S	S	15 54 44.6 +0.6
TNCH		sS	sS	15 57 14.4 -0.3
TNCH	comp=Z,270nm,1.0s	pmax	pmax	
BBSI		P	P	15 49 34.7 +1.8
BBSI	comp=Z,890nm,3.9s	P	P	15 49 34.8 +0.4
BBSI	comp=Z,223nm,1.1s,comp=Z,2um	P	P	15 49 35.6 +0.8
BNSI		P	P	15 49 35.0 +0.6
BNSI	comp=Z,204nm,1.1s,comp=Z,2um	eP	eP	15 49 35.6 +0.6
MTKI		P	P	15 49 34.7 +1.8
MTKI	comp=Z,890nm,3.9s	P	P	15 49 34.7 +1.8
MOY		P	P	15 49 34.7 +1.8
MOY	comp=Z,204nm,1.1s,comp=Z,2um	eP	eP	15 49 35.6 +0.6
PHRA		P	P	15 49 36.4 +0.9
PHRA	comp=Z,138nm,2.7s	P	P	15 49 36.4 +0.9
MIDW		P	P	15 49 35.4 -0.2
MIDW	comp=Z,138nm,2.7s	P	P	15 49 36.8 +1.2
MIDW		P	P	15 49 36.7 +1.2
MIDW	comp=Z,138nm,2.7s	P	P	15 49 37.9 +0.3
PMG		P	P	15 49 37.9 +0.3
PMG	comp=Z,138nm,2.7s	P	P	15 49 37.9 +0.3
PMG	comp=Z,57nm,0.7s	pmax	pmax	
PMG		P	P	15 49 37.9 +0.3
PMG	comp=Z,57nm,0.7s	P	P	15 49 37.9 +0.3
PMG	comp=Z,138nm,2.7s	P	P	15 49 37.9 +0.3
PMG	comp=Z,138nm,2.7s	P	P	15 49 37.9 +0.3
KAPI		P	P	15 49 40.7 +0.5
KAPI	comp=Z,160nm,1.0s	IAmb	IAmb	15 49 41.8
KAPI		P	P	15 49 40.7 +0.5
KAPI	comp=Z,160nm,1.0s	P	P	15 49 40.7 +0.5
KAPI	comp=Z,130nm,0.9s,baz=24,slow=9.3,SNR=33	P	P	15 49 41.0 +0.8
KAPI	comp=Z,130nm,0.9s	P	P	15 49 41.0 +0.8
KAPI		S	S	15 54 59.7 +0.3
KAPI		S	S	15 54 59.7 +0.3
BKSI		P	P	15 49 42.7 +0.9
BKSI	comp=Z,160nm,1.0s	IAmb	IAmb	15 49 42.7 +0.9
NAYO		P	P	15 49 42.7 +0.9
NAYO	comp=Z,160nm,1.0s	IAmb	IAmb	15 49 42.7 +0.9
Kuching		P	P	15 49 47.3
KSM		PcP	PcP	15 51 46.6 +0.9
KSM	comp=Z,106nm,0.9s	P	P	15 49 45.4 +0.6
KSM		P	P	15 49 45.4 +0.6
CM31		IAmb	IAmb	15 49 46.9
CM31	comp=Z,130nm,1.1s	IAmb	IAmb	15 49 46.9
CMAR		P	P	15 49 45.6 +0.7
CMAR	comp=Z,130nm,1.1s	P	P	15 49 45.6 +0.7
CMAR	comp=Z,87nm,1.1s,baz=55,slow=8.3,SNR=267	PcP	PcP	15 51 45.8 0.0
CMAR	comp=Z,87nm,1.1s,baz=55,slow=8.3,SNR=267	PcP	PcP	15 51 45.8 0.0
CMAR	comp=Z,33nm,1.0s,baz=133,slow=0.3,SNR=17	ScP	ScP	15 54 52.0 +2.2
CMAR	comp=Z,33nm,1.0s,baz=133,slow=0.3,SNR=17	ScP	ScP	15 54 52.0 +2.2
CMAR	comp=Z,10nm,1.0s,baz=54,slow=1.9,SNR=6.1	P	P	15 49 45.6 +0.7
CMAR	comp=Z,10nm,1.0s,baz=54,slow=1.9,SNR=6.1	P	P	15 49 45.6 +0.7
BBSI		P	P	15 49 45.4 +0.1
BBSI	comp=Z,57nm,1.1s	P	P	15 49 47.4 +1.0
BBSI	comp=Z,57nm,1.1s	P	P	15 49 47.4 +1.0
GOMU		pp	pp	15 51 27.3 -0.6
GOMU	comp=Z,245nm,1.1s,comp=Z,2um	pp	pp	15 51 27.3 -0.6
GOMU	comp=Z,245nm,1.1s,comp=Z,2um	PcP	PcP	15 51 47.7 +1.3
GOMU	comp=Z,245nm,1.1s,comp=Z,2um	PcP	PcP	15 55 10.7 +0.3
GOMU	comp=Z,245nm,1.1s,comp=Z,2um	sS	sS	15 57 42.0 -0.2
GOMU	comp=Z,630nm,1.1s	pmax	pmax	
GOMU	comp=Z,630nm,1.1s	pmax	pmax	
GOMU	comp=Z,2um,4.6s	pmax	pmax	
STKI		P	P	15 49 47.4 +0.8
STKI	comp=Z,178nm,1.1s	P	P	15 49 47.4 +0.8
STKI	comp=Z,178nm,1.1s	P	P	15 49 47.4 +0.8
KNGR		iP	iP	15 49 48.8 +0.3
KNGR	comp=Z,178nm,1.1s	pmax	pmax	
KNGR	comp=Z,178nm,1.1s	pmax	pmax	
MMRI		P	P	15 49 56.2 -0.8
MMRI	comp=Z,55nm,1.0s	P	P	15 49 56.2 -0.8
MMRI	comp=Z,55nm,1.0s	P	P	15 49 57.2 +0.1
MMRI	comp=Z,55nm,1.0s	P	P	15 49 57.1 0.0
MMRI	comp=Z,455nm,1.1s,comp=Z,5um	P	P	15 49 58.1 +0.9
SRDT		P	P	15 49 58.1 +0.9
SRDT	comp=Z,455nm,1.1s,comp=Z,5um	P	P	15 49 58.1 +0.9
SOEI		P	P	15 49 58.7 -0.4
SOEI	comp=Z,416nm,1.2s,comp=Z,3um	P	P	15 49 58.6 -0.5
SOEI	comp=Z,416nm,1.2s,comp=Z,3um	P	P	15 49 58.6 -0.5
EDFI		P	P	15 49 59.2 -0.7
EDFI	comp=Z,452nm,0.8s,comp=Z,4um	P	P	15 49 59.2 -0.7
EDFI	comp=Z,452nm,0.8s,comp=Z,4um	P	P	15 50 06.6 +0.4
GSTR		P	P	15 50 03.4 -0.4
GSTR	comp=Z,188nm,1.1s	P	P	15 50 03.4 -0.4
GSTR	comp=Z,188nm,1.1s	P	P	15 50 03.4 -0.4
KDU		P	P	15 50 03.4 -0.4
KDU	comp=Z,188nm,1.1s	P	P	15 50 03.4 -0.4
BATI		P	P	15 50 03.4 -0.6
BATI	comp=Z,188nm,1.1s	P	P	15 50 03.4 -0.6
BATI	comp=Z,188nm,1.1s	P	P	15 50 03.4 -0.6
DRS		P	P	15 50 03.4 -0.4
DRS	comp=Z,343nm,0.9s,comp=Z,3um	P	P	15 50 06.4 -0.7
DRS	comp=Z,343nm,0.9s,comp=Z,3um	P	P	15 50 06.4 -0.7
MTN		IAmb	IAmb	15 50 07.7
MTN	comp=Z,46nm,1.0s,comp=Z,4um	IAmb	IAmb	15 50 07.7
MTN	comp=Z,230nm,1.1s	P	P	15 50 06.3 -0.7
MTN	comp=Z,230nm,1.1s	P	P	15 50 06.3 -0.7
MTN	comp=Z,10nm,1.1s	P	P	15 50 06.4 -0.7
MTN	comp=Z,10nm,1.1s	P	P	15 50 06.4 -0.7
COEN		P	P	15 50 10.5 +0.7
COEN	comp=Z,92nm,0.8s	IAmb	IAmb	15 50 11.7
COEN	comp=Z,92nm,0.8s	IAmb	IAmb	15 50 11.7
COEN	comp=Z,92nm,0.8s	ScP	ScP	15 55 01.9 -0.1
COEN	comp=Z,92nm,0.8s	ScP	ScP	15 50 10.4 +0.7
COEN				

2018 SEP

1d 15h

Table with columns: Station ID, Name, Comp, Z, 24h, 0.9s, SNR, Az, El, P, S, I, M, V, W, X, Y, Z, Az, El, P, S, I, M, V, W, X, Y, Z. Includes stations like K13K Kusilvak Mount, M13K Dall Lake, SEM Semipalatinsk, etc.

Table with columns: Station ID, Name, Comp, Z, 24h, 0.9s, SNR, Az, El, P, S, I, M, V, W, X, Y, Z, Az, El, P, S, I, M, V, W, X, Y, Z. Includes stations like ASAR, J16K Anvik River, M16K Timber Creek, etc.

Table with columns: Station ID, Name, Comp, Z, 24h, 0.9s, SNR, Az, El, P, S, I, M, V, W, X, Y, Z, Az, El, P, S, I, M, V, W, X, Y, Z. Includes stations like P17K, F18K Selavik, C18K Utukok River, etc.

G24K	Hadweenciv Riv	57.81	27	P	P	15 52 09.7 +1.9
G24K	baz=266,SNR=34			S	S	15 59 32.7 +1.8
HDA	Harding Lake	57.91	29	P	P	15 52 08.4 -0.1
HDA	baz=266,SNR=26			S	S	15 59 30.3 -1.9
IL31		57.95	29	P	P	15 52 08.1 -0.6
IL31	comp=Z,131nm,1.1s			IAMB	IAMB	15 52 09.7
ILAR	Eielsen Array	57.95	29	P	P	15 52 08.1 -0.6
ILAR	Eielsen Array	57.95	29	P	P	15 53 45.5 +0.8
ILAR	comp=Z,75nm,0.9s, baz=273,slow=5.3,SNR=33			S	S	15 52 08.4 -0.3
ILAR	comp=Z,0.7nm,0.8s, baz=45,slow=16,SNR=5.0			S	S	15 59 32.7 0.0
ILAR	Eielsen Array	57.95	29	P	P	15 52 08.1 -0.6
ILAR	Eielsen Array	57.95	29	P	P	15 53 45.5 +0.8
MEEK	Meekatharra	57.99	203	P	P	15 52 09.2 -0.3
LCRK	Leigh Creek	58.08	182	P	P	15 52 10.3 +0.3
HIN	Hinchinbrook I	58.09	34	IAMB	IAMB	15 52 11.6
FID	Port Fidalgo	58.09	34	IAMB	IAMB	15 52 11.3
MULC	Mulgathing	58.16	186	P	P	15 52 10.3 -0.2
Q23K	Middleton Ista	58.19	35	P	P	15 52 10.7 +0.3
Q23K	baz=272			S	S	15 59 36.6 +0.8
Q23K	baz=272			S	S	15 59 36.6 +0.8
M24K	Tolsona, Glenn	58.23	32	P	P	15 52 12.0 +1.2
M24K	baz=270,SNR=16			S	S	15 59 37.9 +1.5
KLU	Klutina	58.35	33	IAMB	IAMB	15 52 13.5
KLU	comp=Z,118nm,0.9s			P	P	15 52 12.6 +1.0
KLU	Klutina	58.35	33	P	P	15 59 38.6 +0.5
G25K	Bearman Lake	58.36	27	P	P	15 52 13.3 +1.9
G25K	baz=267,SNR=12			S	S	15 59 40.2 +2.4
K24K	Donnelly Dome	58.41	30	P	P	15 52 11.9 -0.1
K24K	baz=269			S	S	15 59 37.2 -1.5
K24K	baz=269			S	S	15 59 37.2 -1.5
D25K	Kavik River	58.42	24	IAMB	IAMB	15 52 14.3
D25K	comp=Z,125nm,0.8s			P	P	15 52 13.1 +1.3
D25K	Kavik River	58.42	24	P	P	15 59 39.7 +1.1
D25K	baz=266			S	S	15 59 42.8 +3.8
H25L	Birch Creek	58.45	27	P	P	15 52 13.8 +1.7
H25L	baz=268,SNR=8.0			S	S	15 59 42.8 +3.8
EYAK	Cordova Ski Ar	58.46	34	P	P	15 52 13.0 +0.8
EYAK	Cordova Ski Ar	58.46	34	P	P	15 52 13.2 +1.0
EYAK	baz=272,SNR=18			S	S	15 59 40.4 +1.2
PAX	Paxson	58.55	31	P	P	15 52 13.9 +0.9
PAX	baz=270,SNR=48			S	S	15 59 40.4 -0.3
PRP	Porcupine Dome	58.55	28	P	P	15 52 12.6 -0.3
PRP	baz=269,SNR=7.5			S	S	15 59 40.2 -0.5
F25K	Christian Rive	58.58	26	IAMB	IAMB	15 52 16.2
F25K	comp=Z,171nm,0.9s			P	P	15 52 15.3 +2.3
F25K	Christian Rive	58.58	26	P	P	15 59 43.9 +3.1
F25K	baz=267,SNR=53			S	S	15 59 43.9 +3.1
J25K	Salchu River,	58.60	29	P	P	15 52 12.4 -0.8
J25K	baz=269			S	S	15 59 40.0 -1.1
J25K	baz=269			S	S	15 59 40.0 -1.1
FYU	Fort Yukon	58.70	27	IAMB	IAMB	15 52 16.7
HARP	HAARP	58.70	32	P	P	15 52 15.3 +1.4
HARP	baz=271,SNR=47			S	S	15 59 42.0 -0.4
RIDG	Independent Ri	58.83	30	IAMB	IAMB	15 52 16.2
RIDG	comp=Z,99nm,1.0s			P	P	15 52 15.2 +0.5
RIDG	Independent Ri	58.83	30	P	P	15 59 43.8 -0.3
RIDG	baz=270,SNR=15			S	S	15 59 43.8 -0.3
SIMJ	Simiganj	58.90	300	P	P	15 52 16.2 +0.4
SIMJ	Simiganj	58.90	300	P	P	15 52 16.4 +0.6
SIMJ	comp=Z,114nm,0.8s			ScP	ScP	15 56 14.4 -1.0
C26K	Camden Bay	58.97	23	P	P	15 52 17.7 +2.2
C26K	baz=266,SNR=6.6			S	S	15 59 47.8 +2.4
BMAR	Burnt Mountain	58.98	26	P	P	15 52 17.3 +1.6
N25K	Chitina, Valde	58.98	33	P	P	15 52 17.1 +1.2
N25K	baz=272,SNR=35			S	S	15 59 46.8 +0.7
RAGM	Ragged Mountai	58.99	34	IAMB	IAMB	15 52 17.5
BMRM	Bremner River	59.00	33	P	P	15 52 17.1 +1.1
BMRM	baz=272,SNR=107			S	S	15 59 47.8 +1.5
POHA	Pohakuloa	59.03	83	P	P	15 52 18.8 +1.7
POHA	Pohakuloa	59.03	83	P	P	15 52 18.4 +1.3
POHA	comp=Z,141nm,0.8s			ScP	ScP	15 56 19.0 +2.6
ARMA	Armidales	59.09	168	P	P	15 52 18.0 +0.9
ARMA	comp=Z,103nm,0.7s			IAMB	IAMB	15 52 18.8
ARMA	Armidales	59.09	168	P	P	15 52 17.7 +0.7
KAIM	Kayak Island	59.14	35	IAMB	IAMB	15 52 19.2
KAIM	comp=Z,183nm,0.8s			P	P	15 52 18.2 +1.3
F26K	Sheenjek River	59.15	26	IAMB	IAMB	15 52 20.1
F26K	comp=Z,184nm,1.1s			P	P	15 52 19.2 +1.3
F26K	Sheenjek River	59.15	26	P	P	15 52 19.0 +2.1
F26K	baz=269,SNR=55			S	S	15 59 51.7 +3.7
HMT	Hamilton	59.20	34	IAMB	IAMB	15 52 18.8
SCRK	Sand Creek	59.21	30	IAMB	IAMB	15 52 19.0
SCRK	comp=Z,83nm,0.7s			P	P	15 52 18.0 +0.6
SCRK	Sand Creek	59.21	30	P	P	15 59 49.4 +0.4
SCRK	comp=Z,164nm,0.9s			S	S	15 59 51.2 +0.1
G26K	Porcupine Rive	59.28	26	P	P	15 52 19.5 +1.9
G26K	baz=269,SNR=16			S	S	15 59 52.3 +2.8
GLB	Gilghina Butte	59.37	33	IAMB	IAMB	15 52 20.5
C27K	Jago River	59.37	23	P	P	15 52 20.0 +1.7
C27K	comp=Z,174nm,0.8s			IAMB	IAMB	15 52 21.0
C27K	Jago River	59.37	23	P	P	15 52 20.1 +1.8
C27K	baz=268,SNR=54			S	S	15 59 52.1 +1.4
J26L	Joseph Creek	59.38	29	P	P	15 52 18.9 +0.3
J26L	baz=271,SNR=34			S	S	15 59 51.2 +0.1
J26L	baz=271			S	S	15 59 51.2 +0.1
CMSA	Cobar Meteorol	59.40	174	P	P	15 52 19.3 +0.4
CMSA	Suckling Hills	59.46	34	IAMB	IAMB	15 52 20.9
FORT	Forest	59.47	192	P	P	15 52 19.3 -0.1
PALK	Pallekele	59.47	262	P	P	15 52 20.3 +0.4

PALK	Pallekele	59.47	262	P	P	15 52 20.7 +0.8
PALK	Pallekele	59.47	262	P	P	15 52 20.3 +0.4
PALK	Pallekele	59.47	262	P	P	15 52 20.3 +0.4
PALK	Pallekele	59.47	262	P	P	15 53 02.5 +0.6
STKA	Stevens Creek	59.50	178	P	P	15 56 18.6 +1.4
STKA	Stevens Creek	59.50	178	P	P	15 52 19.7 +0.1
STKA	Stevens Creek	59.50	178	P	P	15 52 19.3 -0.3
STKA	comp=Z,155nm,0.7s, baz=348,slow=7.4,SNR=256			S	S	15 52 19.4 -0.2
STKA	comp=Z,139nm,0.9s, baz=249,slow=23,SNR=11			S	S	15 59 50.9 -2.2
STKA	Stevens Creek	59.50	178	P	P	15 52 19.7 +0.1
STKA	Stevens Creek	59.50	178	P	P	15 52 19.7 +0.1
L26K	Log Cabin Wild	59.52	31	P	P	15 52 20.7 +1.3
L26K	baz=272,SNR=32			S	S	15 59 51.9 -0.8
L26K	baz=272			S	S	15 59 51.9 -0.8
L26K	baz=272			S	S	15 59 51.9 -0.8
I26K	Coal Creek Min	59.54	28	P	P	15 52 19.2 -0.2
I26K	baz=271			S	S	15 59 52.5 -0.3
I26K	baz=271			S	S	15 59 52.5 -0.3
VRDI	Verde Repeater	59.55	33	IAMB	IAMB	15 52 21.7
VRDI	comp=Z,347nm,1.8s			P	P	15 52 21.5 +1.0
AUPHS	Peel High Scho	59.63	169	P	P	15 52 21.5 +1.0
BGLC	Bering Glacier	59.70	34	P	P	15 52 22.2 +1.6
M26K	Nabesna, AK	59.71	32	IAMB	IAMB	15 52 22.9
M26K	Nabesna, AK	59.71	32	P	P	15 52 21.7 +1.0
M26K	baz=273			S	S	15 59 55.8 +0.6
M26K	baz=273			S	S	15 59 55.8 +0.6
MCARA	McCarthy VSAT	59.75	33	IAMB	IAMB	15 52 23.0
MCARA	comp=Z,162nm,0.8s			P	P	15 52 22.1 +1.2
MCARA	McCarthy VSAT	59.75	33	P	P	15 59 55.2 -0.4
MCARA	comp=Z,152nm,0.9s			S	S	15 59 55.2 -0.4
CRQE	Crise	59.75	34	P	P	15 52 21.9 +0.8
CRQE	baz=274,SNR=43			S	S	15 59 55.9 -0.1
CRQE	baz=274			S	S	15 52 22.8 +0.5
KBL	Kabul	59.84	296	P	P	15 52 22.8 +0.5
KBL	Kabul	59.84	296	P	P	15 52 22.9 +0.5
KBL	SNR=148			S	S	15 59 58.2 +0.1
KBL	Kabul	59.84	296	P	P	15 52 22.8 +0.5
TGL	Tana Glacier	59.88	34	IAMB	IAMB	15 52 23.8
SNH	Sunshine Point	59.92	34	IAMB	IAMB	15 52 24.5
SNH	comp=Z,184nm,0.9s			P	P	15 52 24.2 +1.3
K27K	Chicken	60.05	30	P	P	16 00 01.2 +1.9
K27K	baz=273			S	S	16 00 01.2 +1.9
K27K	baz=273			S	S	16 00 01.2 +1.9
E27K	Coleen River	60.12	25	P	P	15 52 25.1 +1.8
E27K	baz=271,SNR=24			S	S	16 00 01.9 +1.8
E27K	baz=271			P	P	15 52 24.9 +1.5
G27K	Doyon Strip	60.12	27	P	P	16 00 02.8 +2.6
G27K	baz=271,SNR=11			S	S	15 52 25.3
ISLE	Juniper Island	60.13	34	IAMB	IAMB	15 52 25.3
I27K	Kandik River	60.18	28	P	P	15 52 24.7 +0.9
I27K	baz=272,SNR=17			S	S	16 00 01.4 +0.4
I27K	baz=272			S	S	16 00 01.4 +0.4
I27K	baz=272			S	S	16 00 01.4 +0.4
H27K	Steamboat Moun	60.19	27	P	P	15 52 25.6 +1.8
H27K	baz=272			S	S	16 00 04.1 +3.0
L27K	Bear Creek,	60.21	31	P	P	15 52 25.3 +1.3
L27K	baz=273,SNR=36			S	S	16 00 02.7 +1.3
L27K	baz=273			S	S	15 52 25.0 +0.8
BCAR	Beaver Creek A	60.23	31	P	P	15 52 27.9 +1.1
BCAR	BCAR	60.23	31	P	P	15 52 26.5
M27K	Edge Creek, AK	60.23	32	IAMB	IAMB	15 52 25.4 +1.1
M27K	comp=Z,108nm,0.9s			P	P	16 00 02.8 +0.9
M27K	Edge Creek, AK	60.23	32	P	P	16 00 02.8 +0.9
M27K	baz=274,SNR=51			S	S	16 00 02.8 +0.9
M27K	baz=274			S	S	16 00 02.8 +0.9
D27M	Malcolm River	60.34	24	IAMB	IAMB	15 52 27.5
D27M	comp=Z,114nm,0.8s			P	P	15 52 26.5 +1.7
D27M	Malcolm River	60.34	24	P	P	16 00 04.9 +2.0
D27M	baz=271,SNR=30			S	S	15 52 26.3 +1.0
MESA	MESA	60.36	34	P	P	15 52 26.3 +1.0
MESA	baz=275,SNR=5.4			P	P	15 52 26.3 +0.7
AUDCS	Dubbo College	60.40	172	P	P	15 52 25.6 +0.3
EGAK	Eagle	60.41	29	P	P	16 00 04.0 +0.3
EGAK	baz=273,SNR=8.2			S	S	15 52 27.4
GRNC	Granite Creek	60.41	34	IAMB	IAMB	15 52 27.4
GRNC	comp=Z,92nm,0.7s			P	P	15 52 26.4 0.0
BBOO	Bucklebo	60.52	184	P	P	15 52 27.7 +1.0
CTG	Chitna Glacier	60.59	33	P	P	16 00 05.7 -0.8
CTG	baz=275,SNR=24			S	S	15 52 27.7 +0.4
CTG	baz=275			S	S	15 52 29.9
WHYH	Whyalla	60.67	182	P	P	15 52 29.9
TABL	Table Mountain	60.74	34	IAMB	IAMB	15 52 29.9
LOGN	Logan Glacier	60.77	33	IAMB	IAMB	15 52 30.5
LOGN	comp=Z,212nm,2.0s			P	P	15 52 29.6 +1.8
F28M	Old Crow	60.79	26	IAMB	IAMB	15 52 29.6 +1.8
F28M	comp=Z,150nm,0.8s			P	P	16 00 10.7 +2.2
F28M	Old Crow	60.79	26	P	P	15 52 29.0 +0.8
F28M						

MUN	Mundaring	63.71	202	P	P	15 52 47.2	0.0
M31M	Drury Creek, Y	63.72	31	Iamb	Iamb	15 52 49.2	
M31M	Drury Creek, Y	63.72	31	P	P	15 52 48.2	+1.2
M31M	City Hall, Gus	63.76	36	P	P	16 00 45.9	+1.1
R31K	Whitehorse	63.77	33	Iamb	Iamb	15 52 50.0	
WHY	Whitehorse	63.77	33	P	P	15 52 49.0	+1.5
WHY	Whitehorse	63.77	33	S	S	16 00 48.1	+2.5
SKAG	Skagway	63.77	35	P	P	15 52 48.7	+1.4
SKAG	Skagway	63.77	35	P	P	15 52 48.9	+1.6
SKAG	Skagway	63.77	35	S	S	16 00 47.2	+1.8
MTKN	Mount Kenneth	63.82	203	P	P	15 52 49.8	+1.9
AUMAG	Moama Anglican	64.02	315	P	P	15 52 49.1	+1.1
AKTO	Aktobykins	64.02	315	P	P	15 52 48.9	-0.2
AKTO	Aktobykins	64.02	315	S	S	16 00 47.8	-0.9
FARO	Faro, Yukon	64.20	31	Iamb	Iamb	15 52 52.3	
FARO	Faro, Yukon	64.20	31	P	P	15 52 51.3	+1.2
FARO	Faro, Yukon	64.20	31	S	S	16 00 51.1	+0.5
NWAO	Narrogin (SRO)	64.25	201	P	P	15 52 50.6	0.0
NWAO	Narrogin (SRO)	64.25	201	P	P	15 52 51.0	+0.3
NWAO	Narrogin (SRO)	64.25	201	P	P	15 52 50.9	+0.3
NWAO	Narrogin (SRO)	64.25	201	P	P	15 52 51.2	+0.5
NWAO	Narrogin (SRO)	64.25	201	P	P	15 52 50.7	0.0
NWAO	Narrogin (SRO)	64.25	201	P	P	15 52 50.8	+0.2
NWAO	Narrogin (SRO)	64.25	201	P	P	15 52 50.9	+0.1
SIT	Sitka	64.25	37	P	P	16 00 49.3	-1.9
ARPS	Mount Arapiles	64.39	178	P	P	15 52 51.9	+0.5
R32K	Eaglecrest	64.42	36	Iamb	Iamb	15 52 54.1	
R32K	Eaglecrest	64.42	36	P	P	15 52 53.1	+1.6
JIS	Juneau Island	64.49	36	P	P	15 52 53.5	+1.6
AUSMG	Snowy Mountain	64.53	172	P	P	15 52 54.0	+1.5
N32M	Quiet Lake	64.54	32	Iamb	Iamb	15 52 54.4	
N32M	Quiet Lake	64.54	32	P	P	15 52 53.4	+1.1
N32M	Quiet Lake	64.54	32	S	S	16 00 55.7	+1.0
P32M	Atlin	64.55	34	Iamb	Iamb	15 52 54.8	
P32M	Atlin	64.55	34	P	P	15 52 53.7	+1.3
S32K	Killisnoo	64.56	37	Iamb	Iamb	15 52 54.7	
S32K	Killisnoo	64.56	37	P	P	15 52 53.8	+1.4
P33M	Teslin, Yukon	64.86	33	Iamb	Iamb	15 52 56.8	
P33M	Teslin, Yukon	64.86	33	P	P	15 52 55.6	+1.2
XMAS	Kiritimati	64.99	102	P	P	15 52 57.5	+1.7
XMAS	Kiritimati	64.99	102	P	P	15 52 57.1	+1.3
A36M	Sachs Harbour	65.19	20	P	P	15 52 57.2	+1.1
MILA	Milne	65.23	172	P	P	15 52 57.8	+0.9
BRAT	Ballarat	65.25	176	P	P	15 52 58.2	+1.3
TOO	Toolangi	65.37	175	P	P	15 52 58.6	+0.9
Q32M	Nakina River	65.42	35	P	P	15 52 59.8	+1.7
T33K	Petersburg	65.57	37	P	P	15 53 00.5	+1.7
MLBS	Spotswood, Mel	65.58	176	P	P	15 53 00.7	+1.7
U33K	Whale Pass	65.65	38	Iamb	Iamb	15 53 01.9	
U33K	Whale Pass	65.65	38	P	P	15 53 00.9	+1.6
CRAG	Craig	65.81	39	P	P	15 53 02.1	+1.8
CRAG	Craig	65.81	39	P	P	15 53 01.8	+1.5
RKGY	Rocky Gully	65.88	201	P	P	15 53 02.1	+1.1
GEXS	Deakin Unvers	65.92	176	P	P	15 53 03.1	+2.0
AUALB	St Joseph's Co	65.96	200	P	P	15 53 02.1	+0.7
R33M	Jennings River	65.96	34	P	P	15 53 03.0	+1.7
WRAK	Wrangell Islan	66.00	37	Iamb	Iamb	15 53 04.0	
WRAK	Wrangell Islan	66.00	37	P	P	15 53 02.8	+1.4
AUSSC	Sate College	66.03	174	P	P	15 53 03.4	+1.6
C36M	Pualutuk	66.25	23	P	P	15 53 03.2	+0.5
S34M	Telegraph Cree	66.26	36	Iamb	Iamb	15 53 05.9	
S34M	Telegraph Cree	66.26	36	P	P	15 53 04.7	+1.6
HMDM	Hanimaadhoos	66.31	265	P	P	15 53 05.7	+1.5
V35K	Ketchikan	66.68	38	P	P	15 53 06.7	+0.9
DLBC	Dease Lake	66.68	35	Iamb	Iamb	15 53 08.7	
DLBC	Dease Lake	66.68	35	P	P	15 53 06.7	+0.9
DLBC	Dease Lake	66.68	35	P	P	15 53 07.6	+1.8
TLGT	Hyland Airport	66.70	31	P	P	15 53 07.6	+1.7
DIB	Dawson Inlet	66.77	41	Iamb	Iamb	15 53 07.9	
WTLY	Watson Lake, Y	66.84	33	P	P	15 53 08.0	+1.3
WTLY	Watson Lake, Y	66.84	33	S	S	16 01 20.9	-1.3
KIRV	Kirov	66.86	325	P	P	15 53 07.0	+0.2
T35M	Bob Quinn	66.96	37	Iamb	Iamb	15 53 09.9	
T35M	Bob Quinn	66.96	37	P	P	15 53 09.2	+1.6
U35K	Hyder	67.38	38	P	P	15 53 11.2	+1.1
HG4B	Hotspring	67.77	42	Iamb	Iamb	15 53 14.1	
GRNB	Grenville Isla	68.03	40	Iamb	Iamb	15 53 15.8	
WRGLY	Wrigley	68.33	29	Iamb	Iamb	15 53 18.0	
WRGLY	Wrigley	68.33	29	P	P	15 53 17.0	+1.3
WRGLY	Wrigley	68.33	29	S	S	16 01 39.0	-0.4
LIRLD	Liard River Hi	68.35	33	P	P	15 53 17.4	+1.4
TOAD	Toad River Com	68.95	34	P	P	15 53 20.8	+1.1
TOAD	Toad River Com	68.95	34	S	S	16 01 46.8	-0.2
GLAD	Gladstone	68.98	173	P	P	15 53 21.1	+1.2
KOTAN	Kotanelee Air	69.09	32	P	P	15 53 21.7	+1.2
KOTAN	Kotanelee Air	69.09	32	S	S	16 01 50.1	+1.6
SPA0	Spitsbergen Ar	69.20	349	P	P	15 53 21.4	+0.6
SPITS	Spitsbergen Ar	69.20	349	P	P	15 53 21.2	+0.4
SPITS	Spitsbergen Ar	69.20	349	P	P	15 53 42.1	+1.0
ALE	Alert	69.24	3	P	P	15 53 22.1	+1.0
NGCH	Negor - Chabab	69.25	288	P	P	15 53 23.8	+1.7
KBS	Kingsbay	69.39	351	P	P	15 53 21.6	-0.4
KBS	Kingsbay	69.39	351	P	P	15 53 22.9	+1.0
KBS	Kingsbay	69.39	351	P	P	15 53 23.6	+1.6

KBS	Kingsbay	69.39	351	P	P	15 53 23.0	+1.0
KAAM	Kaadheadhdoo	69.46	259	P	P	15 53 25.1	+1.6
BBB	Bella Bella	69.61	41	P	P	15 53 24.2	+0.5
BELG	Belogomoye	69.72	319	P	P	15 53 24.4	+0.1
LVZ	Lovozero	69.93	337	P	P	15 53 25.4	0.0
LVZ	Lovozero	69.93	337	P	P	15 53 25.4	0.0
LVZ	Lovozero	69.93	337	P	P	15 53 25.8	+0.4
NOR	Nord	70.03	356	P	P	15 53 24.2	-1.5
NOR	Nord	70.03	356	Iamb	Iamb	15 53 26.8	
HSPB	Hornsund (broa	70.07	349	P	P	15 53 27.0	+0.9
HOLB	Holberg	70.12	43	Iamb	Iamb	15 53 29.0	
ADZR	Andozero	70.17	333	P	P	15 53 26.2	-0.6
ADZR	Andozero	70.17	333	P	P	15 53 45.1	
ADZR	Andozero	70.17	333	P	P	15 53 59.4	-1.2
APA	Apacity	70.57	337	P	P	15 53 26.9	-1.8
APA	Apacity	70.57	337	P	P	15 53 40.5	
APA	Apacity	70.57	337	P	P	15 53 40.1	-3.3
APA	Apacity	70.57	337	P	P	16 02 42.0	
VADS	Vadso	70.63	340	P	P	15 53 30.0	+0.5
TJU	Tasmania Unive	70.82	174	P	P	15 53 31.7	+0.8
KEV	Kevo	71.52	340	P	P	15 53 35.0	+0.3
KEV	Kevo	71.52	340	Iamb	Iamb	15 53 36.2	
KEV	Kevo	71.52	340	P	P	15 53 35.0	+0.3
KEV	Kevo	71.52	340	P	P	15 53 35.2	+0.5
JASK	Jask - Hormozg	71.79	290	P	P	15 53 39.0	+1.8
JLN	Jalan Bani Buh	71.94	286	P	P	15 53 38.4	+0.4
HAMF	Hammerfest	72.00	342	P	P	15 53 37.7	+0.2
ARAO	ARCESS Array S	72.08	340	P	P	15 53 38.6	+0.5
ARCES	ARCESS Array B	72.08	340	Iamb	Iamb	15 53 38.4	+0.3
ARCES	ARCESS Array B	72.08	340	P	P	15 53 38.6	+0.6
ARCES	ARCESS Array B	72.08	340	S	S	16 02 22.8	+0.7
WKB	Wadi Bani Khal	72.13	287	P	P	15 53 40.3	+1.1
WKB	Wadi Bani Khal	72.13	287	P	P	15 53 42.4	
YKA	Yellowknife Ar	72.36	28	P	P	15 53 40.0	+0.2
YKA	Yellowknife Ar	72.36	28	P	P	15 53 40.2	+0.4
YKA	Yellowknife Ar	72.36	28	P	P	15 55 14.5	-2.3
SMDO	Samad	72.73	287	P	P	15 53 44.3	+0.6
JMDO	Jabal Madar	72.96	287	P	P	15 53 43.4	+0.3
KTK1	Kautokeino	73.05	340	P	P	15 53 44.0	+0.3
HOQ	Hoqan	73.07	291	P	P	15 53 45.7	+1.1
HOQ	Hoqan	73.15	288	P	P	15 53 45.8	+0.7
SHME	Shamm	73.15	291	P	P	15 53 45.6	+0.6
SHME	Shamm	73.15	291	P	P	15 53 46.4	+1.4
MAK	Makhachkala	73.19	310	P	P	15 53 44.6	-0.3
MAK	Makhachkala	73.19	310	P	P	15 55 08.8	-1.0
MAK	Makhachkala	73.19	310	P	P	16 02 33.8	-1.6
MAK	Makhachkala	73.19	310	P	P	16 07 30.4	+2.5
MAK	Makhachkala	73.19	310	P	P	15 53 47.4	
MDH	Madha	73.31	290	P	P	15 53 45.2	-0.8
MDH	Madha	73.31	290	P	P	15 53 45.6	-0.4
TOZ	Tahuroa Road	73.35	151	P	P	15 53 46.9	+1.2
MASF	Masafi	73.40	290	P	P	15 53 47.5	+1.0
MASF	Esma-Masafi	73.40	290	P	P	15 53 47.0	+0.4
JOF	Joensuu	73.43	333	P	P	15 53 46.2	+0.3
UOSS	Minazif	73.53	290	P	P	15 53 47.1	-0.2
UOSS	Minazif	73.53	290	P	P	15 53 47.0	-0.3
UOSS	Minazif	73.53	290	P	P	15 53 47.7	+0.4
VRH	Novokhoporsky	73.56	320	P	P	15 53 43.5	-3.4
VRH	Novokhoporsky	73.56	320	P	P	16 02 35.2	-4.0
BSY	Bisya	73.58	287	P	P	15 53 48.3	+0.7
SOHO	SOHO	73.58	289	P	P	15 53 47.5	0.0
SOHO	SOHO	73.58	289	P	P	15 53 48.2	+0.7
MHTO	MHTO	73.63	285	P	P	15 53 48.3	+0.4
HATD	Hatta, Dubai	73.64	290	P	P	15 53 48.2	+0.3
HATD	Hatta, Dubai	73.64	290	P	P	15 53 48.7	+0.8
TGRZ	Tauranga	73.67	151	P	P	15 53 49.2	+1.5
PGC	Paidra	73.68	43	Iamb	Iamb	15 53 50.0	
HIZ	Haiti	73.74	152	P	P	15 53 49.7	+1.7
UMQ	Umm Al-Quwin	73.75	291	P	P	15 53 48.9	+0.4
ASHO	Ashiyah	73.76	290	P	P	15 53 48.8	+0.2
ASHO	Ashiyah	73.76	290	S	S	15 52 42.3	-0.1
MOS	Moscow	73.87	325	P	P	15 53 46.8	-1.8
MOS	Moscow	73.87	325	P	P	15 55 29.2	-2.0
MOS	Moscow	73.87	325	P	P	16 02 38.1	-4.3
MOS	Moscow	73.87	325	P	P	15 53 48.3	+0.7
MOS	Moscow	73.87	325	P	P	15 53 47.5	0.0
MOS	Moscow	73.87	325	P	P	15 53 48.2	+0.7
MOS	Moscow	73.87	325	P	P	15 53 48.3	+0.4
HATD	Hatta, Dubai	73.64	290	P	P	15 53 48.2	+0.3
HATD	Hatta, Dubai						

1d 15h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like FAUS, KRPM, LTZ, G05A, etc.

2018 SEP

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

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BCW, ELK, BZK, SORM, etc.

1d 15h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like BTNL Ternell, WATA Walderalm, MEM Membach, etc.

2018 SEP

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like TORD, BOSA, ELIB, TSMU, SUR, NVL, etc.

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Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like NAPC Atlas Peak, MCCC Marconi Confer, MCCC, etc.

IDD 01 15:45:05.7z 1.9, 38.69N, 123.05W, h0km, mbmtpp.3/4/6, ML2.9/4, Error ellipse: s-maj=22.0km s-min=12.3km az=45.0

AEIC 01 15:48:57.0z 0.9, 51.28N, 108.177W, h25km, 8km, Error ellipse: s-maj=11.7km s-min=5.3km az=167.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Tanaga Flats, Kanaga Island, Tanaga Point A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kuna River, Indian Mount, Redstone River, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Okmok New Cone, Okmok East Rim, Magazine Ridge, etc.

AEIC 01 15:49:11.4±1.4, 69.52N±0.05; 144.56W±0.08, h7km±6km, ML2.7, ML3.1/78(NEIC), Error ellipse: s-maj=6.6km

PRU 01 15:53:33.2, 49.97N, 18.66E, h0km IPEC 01 15:53:31.9±0.1, 49.98N±18.71E, h1km, ML1.3/4, Error ellipse: s-maj=2.1km s-min=0.7km az=162.0, Czech and Slovak Republics

NEIC 01 16:50:28.9±1.2, 33.49N±0.01; 116.76W±0.02, h5km±1km, Error ellipse: s-maj=2.7km s-min=2.5km az=143.0

NEIC 01 15:49:12.9±1.0, 69.61N±0.05; 144.44W±0.08, h10km±1km, Error ellipse: s-maj=8.0km s-min=4.7km az=184.0

ISC 01 15:49:12.3±0.9, 69.69N±0.04; 144.54W±0.02, h14km, n62, c170/54, Northern Alaska

PAS 01 16:50:29.3±0.33, 48N±0.010; 116.81W±0.01, h2km±4km, ML3.1/294, ML3.1/39(NEIC), Error ellipse: s-maj=2.5km s-min=1.4km az=77.0, Southern California

Main table on the left side of the page, listing station data for various codes and stations like Jago River, Camden Bay, etc.

Main table in the middle of the page, listing station data for various codes and stations like Ostrava-Krasne, Moravsky Berou, etc.

Main table on the right side of the page, listing station data for various codes and stations like Cary Ranch, Buzz No's Pla, etc.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h	m s
TOZ	Tahuroa Road	16.12	198	P	Iamb	17 24 36.4	+0.5
TOZ	comp=Z,19nm,0.7s					17 24 37.6	
URZ	Urewera	16.21	194	P	P	17 24 36.1	-0.8
URZ	Urewera	16.21	194	P	P	17 24 35.8	-1.1
URZ	comp=Z,6nm,0.4s,baz=84,slow=1.9,SNR=26						
KOUNC	Koumac, New Ca	16.48	274	P	Pn	17 24 40.8	-2.5
KOUNC	Iamb					17 24 56.8	
SNAGZ	Shannon St	16.67	192	P	S	17 27 36.7	-1.5
KNZ	Kokohu	16.84	191	P	S	17 27 41.6	+0.2
WHHZ	Waihua	16.97	192	P	S	17 27 42.2	-1.9
HIZ	Hauti	17.04	199	P	S	17 24 42.9	-2.9
HIZ	Hauti	17.04	199	P	S	17 24 44.8	-1.0
NMHZ	Naumai	17.08	194	P	S	17 27 45.7	-0.7
ARHZ	Aropoanui	17.20	194	P	S	17 27 47.1	+1.2
BKZ	Black Stump Fm	17.22	194	P	P	17 24 45.0	-2.8
BKZ	Black Stump Fm	17.22	194	P	P	17 24 46.3	-1.5
MCHZ	McNeill Hill	17.44	193	P	S	17 27 53.5	+0.3
KWHZ	Kaweka Forest	17.48	194	P	S	17 27 51.3	-2.8
KRHZ	Kereri	17.70	194	P	S	17 27 56.8	-1.5
KAH	Kahurangi	17.74	193	P	S	17 27 59.3	+0.2
PKZ	Pawani	17.97	193	P	S	17 28 00.5	-3.0
PNHZ	Pukenui	18.00	194	P	S	17 28 03.6	-0.5
BFZ	Birch Farm	18.72	193	P	P	17 25 00.2	-3.5
BFZ	Birch Farm	18.72	193	P	P	17 25 02.1	-1.6
MRZ	Mangonui	18.85	194	P	P	17 25 11.1	-3.9
SNZO	South Korori	19.68	196	P	P	17 25 12.2	-1.6
BHW	Baring Head	19.73	196	P	P	17 25 09.8	-4.5
BHW	Iamb					17 25 15.6	
PLWZ	Palliser	19.78	195	P	P	17 25 11.2	-3.9
QRZ	Quartz Range	19.80	201	P	P	17 25 15.6	-0.3
TUWZ	Tuamarina	20.00	198	P	P	17 25 13.7	-3.3
THZ	Thopouse	20.61	199	P	P	17 25 20.0	-1.8
THZ	Iamb					17 25 25.3	
KHZ	Kahutara	21.03	197	P	P	17 25 25.2	-1.2
LTZ	Lake Taylor	21.73	199	P	P	17 25 30.2	-2.7
LTZ	Iamb					17 25 34.9	
OPZ	Oxford	22.30	199	P	P	17 25 35.4	-2.7
QRZ	Rata Peaks	22.96	200	P	P	17 25 43.6	-0.4
ODZ	Otago Downs	24.28	200	P	P	17 25 54.7	-1.2
ARMA	Armidale	28.13	247	P	P	17 26 30.8	+0.3
ARMA	Armidale	28.13	247	P	P	17 26 30.8	+0.3
EIDS	Eidsvold	28.25	258	P	P	17 26 31.9	+0.4
EIDS	Eidsvold	28.25	258	P	P	17 26 31.9	+0.4
MCGD	Mangrove Creek	29.11	242	P	P	17 26 38.9	0.0
CNB	Canberra Magne	31.03	238	P	P	17 26 56.0	+0.2
BUKA	Buka	31.30	239	P	P	17 26 59.2	+0.9
CAN	Canberra	31.32	239	P	P	17 26 58.7	+0.4
CAN	Canberra	31.32	239	P	P	17 26 58.5	+0.2
YNG	Young	31.55	241	P	P	17 27 01.1	+0.3
MILA	Mila	31.69	235	P	P	17 27 02.2	+0.7
TVIH	Townsville Har	32.88	269	P	P	17 27 12.1	+0.2
CTAO	Charters Tower	33.22	267	P	P	17 27 14.6	+0.3
CTAO	Charters Tower	33.22	267	P	P	17 27 15.3	+0.4
CMSA	Cobar Meteorol	33.33	247	P	P	17 27 15.9	+0.3
QLP	Quilpie	34.39	255	P	P	17 27 25.5	+0.1
TOO	Toolangi	34.64	236	P	P	17 27 26.4	-0.4
TOO	Iamb					17 27 27.5	
TOO	Toolangi	34.64	236	P	P	17 27 27.4	+0.6
TAU	Tasmania Univ	35.13	226	P	P	17 27 30.5	-0.3
PMG	Port Moresby	35.72	286	P	P	17 27 35.9	-0.3
PMG	Port Moresby	35.72	286	P	P	17 27 36.1	0.0
PMG	Port Moresby	35.72	286	P	P	17 27 35.7	-0.4
PMG	Iamb					17 27 35.7	-0.4
BRAT	Ballarat	35.84	237	P	P	17 27 37.7	+0.9
STKA	Stephens Creek	36.84	247	P	P	17 27 45.2	-0.1
STKA	Stephens Creek	36.84	247	P	P	17 27 45.3	-0.1
STKA	Stephens Creek	36.84	247	P	P	17 27 45.5	+0.1
STKA	comp=Z,3.1nm,0.5s,baz=84,slow=8.7,SNR=14						
ARPS	Mount Arapiles	37.30	238	P	P	17 27 49.2	+0.1
INKA	Innaminka	37.47	253	P	P	17 27 52.1	+1.5
COEN	Coen	37.63	276	P	P	17 27 52.9	+0.2
COEN	Coen	37.63	276	P	P	17 27 53.5	-1.5
HIT	Hallett	39.21	244	P	P	17 28 05.0	0.0
QTS	Mount Isa	39.27	265	P	P	17 28 05.3	-0.3
LCKR	Leigh Creek	39.67	249	P	P	17 28 08.8	+0.1
BBOO	Buckleboe	41.57	246	P	P	17 28 23.3	-0.8
BBOO	Iamb					17 28 24.2	
BBOO	Buckleboe	41.57	246	P	P	17 28 23.8	-0.3
OOD	Oodnadatta	41.94	253	P	P	17 28 26.5	-0.6
MULG	Mulgathing	43.26	249	P	P	17 28 36.8	-0.8
AS01	Alice Springs	43.92	259	P	P	17 28 42.9	-0.2
AS31	Alice Springs	43.97	259	P	P	17 28 42.0	-1.3
ASAR	Alice Springs	43.97	259	P	P	17 28 42.0	-1.3
ASAR	Alice Springs	43.97	259	P	P	17 28 42.7	-0.7
ASAR	comp=Z,16nm,0.9s,baz=91,slow=5.5,SNR=123						
ASAR	comp=Z,0.5nm,0.5s,baz=113,slow=4.3,SNR=15						
ASAR	ScP					17 33 39.3	-0.7
WRO	Warrungu Arr	44.05	264	P	P	17 28 42.3	-1.6
WB0	Warrungu Arr	44.22	264	P	P	17 28 43.9	-1.4
WB2	Warrungu Arr	44.23	264	P	P	17 28 43.9	-1.4
WRAB	Tennant Creek	44.23	264	P	P	17 28 43.8	-1.5
WRA	Warrungu Arr	44.24	264	P	P	17 28 44.2	-1.2
WRA	comp=Z,4.9nm,0.6s,baz=96,slow=8.2,SNR=199						
WRA	ScP					17 33 40.4	-0.8
KDU	Kakadu	47.90	273	P	P	17 29 13.0	-0.8
FORT	Forrest	48.41	248	P	P	17 29 16.2	-1.2
FORT	Forrest	48.41	248	P	P	17 29 17.7	+0.3
WRKA	Warakurna	48.83	256	P	P	17 29 20.2	-0.5
MTN	Manton Dam	49.09	272	P	P	17 29 21.5	-1.2
MTN	Iamb					17 29 22.2	
MTN	Manton Dam	49.09	272	P	P	17 29 21.7	-1.0
KNRA	Kunurra	50.43	268	P	P	17 29 31.9	-0.8
KNRA	Iamb					17 29 32.6	
FAKI	Fak Fak	51.86	285	P	P	17 29 42.3	-1.0
FAKI	Iamb					17 29 46.0	
FITZ	Fitzroy Crossi	52.66	264	P	P	17 29 49.0	-0.1
SBA	Scott Base	55.88	194	P	P	17 30 13.9	+2.9
SOEI	Soerenga	56.46	273	P	P	17 30 16.8	+0.5
KLBR	Kellerberrin	57.11	246	P	P	17 30 20.3	-0.2
PSA00	Pilbara Seismi	57.11	258	P	P	17 30 19.6	-1.0
PSA00	Iamb					17 30 21.2	
PSA00	Pilbara Seismi	57.11	258	P	P	17 30 20.7	0.0
MEEK	Meekatharra	57.16	252	P	P	17 30 22.0	+1.0
MBWA	Marble Bar	57.31	259	P	P	17 30 21.3	-0.7
MBWA	Iamb					17 30 22.0	
MBWA	Marble Bar	57.31	259	P	P	17 30 22.5	+0.5
NWAO	Narrogin (SRO)	57.37	244	P	P	17 30 22.6	+0.3
BLDU	Baliidu	58.14	247	P	P	17 30 29.1	+1.5
MUN	Mundaring	58.36	245	P	P	17 30 29.2	+0.1
MORW	Morawa	58.97	249	P	P	17 30 32.4	-0.9
MORW	Iamb					17 30 33.6	
GIRL	Giralia	61.91	256	P	P	17 30 53.4	+0.3
CASY	Casey	62.10	206	P	P	17 30 52.9	-0.6
JAGI	Jajag, Banyuwa	66.28	270	P	P	17 31 20.1	-1.2
QSPA	South Pole Qui	67.56	180	P	P	17 31 30.3	+1.6
QSPA	Iamb					17 31 36.1	
QSPA	South Pole Qui	67.56	180	P	P	17 31 30.2	+1.6
QSPA	comp=Z,4.3nm,0.9s,baz=143,slow=2.2,SNR=12						
QSPA	comp=Z,4.3nm,0.9s						
UGM	Wanagana	69.81	270	P	P	17 31 42.6	-0.7
MJAR	Matushiro Arr	71.76	324	P	P	17 31 53.9	-0.4
MJAR	comp=Z,0.6nm,0.9s,baz=126,slow=5.8,SNR=2.0						
BELA	Belgrano 2	75.58	173	P	P	17 32 26.9	+0.1
BELA	Iamb					17 32 34.2	
S12K	Black Hills	79.10	9	P	P	17 32 35.4	+0.2
MAW	Mawson	79.63	200	P	P	17 32 39.0	+1.0
MAW	comp=Z,0.0nm,0.9s,baz=143,slow=4.1,SNR=9.6						
CHIR	Chirikof Islan	80.34	13	P	P	17 32 42.9	+1.1
O02D	Mt. Diablo Mer	80.90	40	P	P	17 32 47.6	+2.4

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
O02D	Iamb					17 33 03.1	
NJ2	Nanjing	81.07	310	eP	P	17 32 47.8	+1.6
NJ2	comp=Z,7.5nm,1.2s						
NJ2	comp=Z,6.0nm,0.6s						
KRMB	Red Mountain	81.12	38	P	P	17 32 48.6	+2.2
KSXB	Camp Six Broad	81.33	38	P	P	17 32 49.6	+2.1
YBHB	Yreka Blue Hor	81.34	38	P	P	17 32 52.5	+1.9
PNTR	Pine Nut	82.15	42	P	P	17 32 53.7	+1.8
PNTR	comp=Z,9.7nm,0.8s					17 32 55.6	
YERR	Yerington	82.31	42	P	P	17 32 54.3	+1.5
YERR	comp=Z,5.4nm,1.0s					17 32 56.2	
NVAR	Mina Array Bea	82.57	43	P	P	17 32 56.7	+2.6
NVAR	comp=Z,2.4nm,0.8s,baz=226,slow=8.5,SNR=14						
PAHR	Pah Rah Range	82.66	42	P	P	17 32 55.8	+1.4
PAHR	Iamb					17 32 57.9	
NV11	Mina Array Sit	82.67	43	P	P	17 32 55.8	+1.3
NV11	Iamb					17 32 58.0	
TPNV	Topopah Spring	83.04	45	P	P	17 32 58.0	+1.6
TPH	Thompson	83.05	44	P	P	17 32 58.2	+1.7
KVN	Kaiserville	83.07	43	P	P	17 32 58.5	+1.9
IPM	Iloh	83.27	278	P	P	17 32 57.9	-0.1
IPM	Iamb					17 32 59.9	
N15K	Kwethluk River	83.70	9	P	P	17 32 59.8	+0.8
N15K	Iamb					17 33 02.1	
J05D	Fort Rock, OR	83.76	38	P	P	17 33 02.1	+2.2
J05D	comp=Z,9.2nm,0.9s					17 33 03.8	
PRN	Pahroc Range	84.09	46	P	P	17 33 03.6	+1.9
H04A	Detroit Lake	84.12	36	P	P	17 33 03.2	+1.6
H04A	Iamb					17 33 04.6	
PINE	Pine Mountain	84.25	38	P	P	17 33 04.5	+2.1
PINE	Iamb					17 33 06.5	
TUC	Tucson	84.32	52	P	P	17 33 05.1	+2.2
TUC	comp=Z,4.8nm,0.8s					17 33 07.4	
ELIB	Princess Elisa	84.63	187	dP	P	17 33 04.6	+0.7
ELIB	dPcP					17 33 08.8	+2.1
U15A	North Rim	85.41	48	P	P	17 33 10.7	+2.3
U15A	Iamb					17 33 12.4	
TROLL	Troll, Antarti	85.72	180	∩			

1d 18h

Table with columns: YHNB, Yeheng, 0.51 298, i P, Pg, 17 44 12.3 +0.6

NEIC 01 17:45:54.1±2.3, 18:35:02.1779:6E±0.1, h443km±14km, mb4.1/12, Error ellipse: s-maj=24.8km s-min=15.1km az=192.0

ISC 01 17:45:55.8, 7.3, 31:17S:179:61E, h466km±91km, mb3.3/3, mbtp4.2/4, Error ellipse: s-maj=92.5km s-min=35.2km az=7.0

WEL 01 17:47:15.1, 36°S:70°17'7E, 2.6, h76km±97km, M2,47, ML3.0/9, ML2.4/7, Error ellipse: s-maj=0.1km s-min=0.0km az=166.2

ISC 01 17:45:51.9, 1.5, 31:0S:01:179:9W, 0.2, h450km±n42, c256/40, mb4.0/9, Kermadec Islands region

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

NEIC 01 17:49:50.1±2.3, 18:45:01.177:6W±0.1, h521km±9km, mb4.2/39, Error ellipse: s-maj=23.4km s-min=12.1km az=133.0

ISC 01 17:49:56.6, 1.4, 18:30S:178:09W, h581km±12km, mb3.2/10, mbtp4.1/12, Error ellipse: s-maj=23.4km s-min=16.1km az=105.0

ISC 01 17:49:53.9, 0.7, 18:3S:01:177:9W, 0.1, h557km±n65, c126/69, mb4.2/29, Fiji Islands region

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

2018 SEP

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

MOS 01 18:09:52.7±1.0, 23:43N:82:44E, h10km, mb4.7/36, Error ellipse: s-maj=9.0km s-min=3.0km az=108.4

ISC 01 18:09:52.8, 0.5, 23:35N:82:47E, h0km, mb4.3/26, mbtp4.3/28, ML4.1/2, Error ellipse: s-maj=14.4km s-min=12.8km az=43.0

BUI 01 18:09:55.1±0.0, 23:59N:82:65E, h7km, mb4.5/51, mb4.5/15, Ms4.2/3, Ms7.4/0/3

NEIC 01 18:09:55.2±2.0, 23:49N:0:09:82:45E±0.08, h10km±1km, mb4.7/81, Error ellipse: s-maj=15.5km s-min=12.7km az=201.0

NDI 01 18:09:56.4±4.1, 23:36N:82:46E, h10km, ML3.9, MW4.1, mb4.7(NEIC)

ISC 01 18:09:54.6±0.1, 23:39N:0:04:82:40E±0.04, h10km±n214, c192/19, mb4.6/95, 12:3D, Southern India

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

ETLH	baz=279	i S	Sn	18 14 08.0 +0.8	FULB	baz=230	S	Sb	18 14 16.9 +0.4	WWF	baz=279	S	Sg	18 14 29.1 -0.6			
ESL	Shilin	1.16 264	P	Pg	18 13 53.0 -0.3	NHY	Taipei	1.49 317	P	Pb	NMLH	Miaoili	1.83 289	P	Pb	18 14 04.0 +0.1	
ESL	baz=261	i S	Sg	18 14 08.0 -0.4	NHY	baz=313	S	Sb	18 13 58.1 +0.1	NMLH	baz=286	S	Sg	18 14 28.7 -1.2			
LXIB	Xiulin Townshi	1.17 274	P	Pg	18 13 53.6 0.0	TATO	Taipei	1.50 313	P	Pb	NHW	Xinwu Township	1.83 306	eP	Pb	18 14 04.0 0.0	
LXIB	baz=271	e S	Sg	18 14 09.2 +0.3	TATO	Taipei	1.50 313	P	Pb	18 13 58.4 +0.2	WNT	Mingjian	1.83 268	i P	Pg	18 14 05.2 -1.0	
ILA	ilan	1.18 314	P	Pg	18 13 54.5 +0.7	TATO	baz=322	e S	Sg	18 14 19.2 -0.1	WNT	baz=267	i S	Sg	18 14 28.3 -1.8		
ILA	baz=309	i S	Sg	18 14 10.5 +1.2	TAP	Taipei	1.53 316	P	Pb	18 13 58.9 +0.1	TTN	Taitung	1.85 230	P	Pb	18 14 04.0 -0.3	
EGFH	Guangfu	1.19 257	P	Pg	18 13 54.3 +0.4	TAP	baz=312	S	Sb	18 14 18.1 +0.2	TTN	baz=221	i S	Sn	18 14 25.9 +1.2		
EGFH	baz=244	i S	Sg	18 14 08.9 -0.6	BACT	New Taipei Cit	1.54 313	P	Pg	18 13 59.7 -0.9	TCU	Taichung	1.85 277	P	Pg	18 14 05.2 -1.3	
NTC	Toucheng	1.19 319	P	Pg	18 13 53.8 -0.2	BACT	baz=322	e S	Sb	18 14 18.3 0.0	TCU	baz=275	i S	Sg	18 14 28.9 -1.7		
NTC	baz=326	i S	Sg	18 14 10.6 +0.9	NWRT	Kuosheng	1.56 323	eP	Pb	18 13 59.1 -0.3	TCU	baz=275	i S	Sg	18 14 28.9 -1.7		
TWE	Neicheng	1.21 310	P	Pg	18 13 54.5 +0.2	NWRT	baz=320	e S	Sg	18 14 20.4 -1.0	TWGBT	Beinan	1.85 233	P	Pb	18 14 03.9 -0.5	
TWE	baz=305	i S	Sg	18 14 10.4 +0.3	YM01	YM01	1.57 320	P	Pb	18 13 59.0 -0.6	TWGBT	Beinan	1.85 233	P	Pb	18 14 03.6 -0.8	
LATG	Datong	1.21 299	P	Pg	18 13 54.4 0.0	YM01	baz=316	e S	Sn	18 14 18.1 +0.1	TWGBT	baz=224	S	Sb	18 14 26.3 -1.0		
LATG	baz=294	S	Sg	18 14 12.4 +2.2	EHD	Haiduan	1.57 240	P	Pb	18 13 59.9 +0.3	TWGBT	baz=224	S	Sb	18 14 26.3 -1.0		
WARBT	Fenglin Townsh	1.21 259	P	Pg	18 13 54.0 -0.4	EHD	baz=230	i S	Sb	18 14 19.4 +0.2	TWGBT	baz=224	S	Sb	18 14 26.3 -1.0		
WARBT	baz=249	e S	Sb	18 14 08.3 -0.5	WPL	Puli Township	1.58 273	eS	Sb	18 14 20.0 +0.5	WDJ	Dajia District	1.91 282	P	Pb	18 14 05.6 +0.2	
ENTT	Nioudou	1.23 304	P	Pg	18 13 54.9 +0.1	NFF	Wufeng Townshi	1.58 296	P	Pg	18 14 01.1 -0.5	WDJ	baz=280	i S	Sg	18 14 30.6 -2.0	
ENTT	baz=299	i S	Sg	18 14 11.5 +0.5	NFF	baz=292	i S	Sb	18 14 20.2 +0.6	WDJ	baz=280	i S	Sg	18 14 30.6 -2.0			
TWB1	Santiao Chiao	1.23 329	P	Pb	18 13 53.7 0.0	NFF	YM08	1.59 321	P	Pb	18 13 59.0 -0.9	STYH	Taoyuan	1.92 247	P	Pb	18 14 05.5 0.0
TWB1	baz=325	i S	Sg	18 14 09.9 -1.0	YM08	baz=318	e S	Sn	18 14 18.1 -0.3	WYL	Yuanlin Townsh	1.93 271	P	Pg	18 14 06.8 -1.3		
HGSD	Ruisui	1.24 249	P	Pg	18 13 54.7 -0.3	YM08	baz=318	e S	Sn	18 14 18.1 -0.3	WYL	baz=279	i S	Sg	18 14 31.1 -1.9		
HGSD	baz=247	S	Sg	18 14 10.4 -0.8	ECS	Chishang	1.59 238	P	Pg	18 14 00.7 -0.9	WCHH	Zhanghua	1.95 274	P	Pb	18 14 06.4 +0.4	
JKRS	Kuro-shima	1.24 76	P	Pg	18 13 56.5 +1.5	ECS	baz=228	S	Sg	18 14 21.7 -0.6	WCHH	baz=273	i S	Sb	18 14 31.1 +1.1		
NDT	Datong Townshi	1.25 302	P	Pg	18 13 55.2 0.0	SSLB	Suanglung	1.59 265	P	Pb	18 14 00.3 +0.3	WCKG	Gukeng	1.96 263	P	Pg	18 14 07.4 -1.3
NDT	baz=286	i S	Sg	18 14 12.6 +1.0	SSLB	Suanglung	1.59 265	P	Pb	18 14 00.5 +0.6	WCKG	baz=261	i S	Sb	18 14 31.9 +1.5		
NNSB	Datong	1.28 292	P	Pg	18 13 55.4 -0.4	SSLB	baz=263	e S	Sb	18 14 20.3 +0.5	WCKG	baz=261	i S	Sb	18 14 31.9 +1.5		
NNSB	baz=287	e S	Sg	18 14 11.4 -1.1	EDH	Donghe	1.60 233	P	Pb	18 13 59.7 -0.3	WCKO	Fanlu	1.97 256	P	Pg	18 14 07.7 -1.2	
NNSH	Datong	1.28 292	P	Pg	18 13 55.8 0.0	EDH	baz=225	i S	Sn	18 14 18.8 +0.2	WCKO	baz=254	i S	Sb	18 14 32.4 +1.6		
NNSH	baz=287	S	Sg	18 14 12.3 -0.3	DPDB	Guoxing	1.61 273	P	Pg	18 14 01.0 -1.0	WDLH	Douliu	1.98 263	P	Pb	18 14 07.4 +0.8	
TIPB	Shuangxi	1.29 323	P	Pb	18 13 55.0 +0.2	DPDB	baz=271	S	Sg	18 14 21.4 -1.6	WDLH	baz=262	i S	Sg	18 14 33.8 -1.1		
TIPB	baz=329	e S	Sn	18 14 10.9 -0.1	JISG	Ishigakijimahi	1.61 66	P	Pb	18 14 00.5 +0.2	TPUB	Ta-pu	1.99 252	P	Pb	18 14 07.1 +0.3	
FUSB	Fushanzhiwuyua	1.29 309	P	Pg	18 13 55.8 -0.1	WHP	Taichung City	1.62 282	P	Pg	18 14 01.3 -0.9	TPUB	Ta-pu	1.99 252	P	Pb	18 14 07.7 +0.9
FUSB	baz=304	e S	Sg	18 14 12.5 -0.2	WCS	Beigang Elemen	1.63 274	P	Pb	18 14 21.1 +0.4	TPUB	baz=242	S	Sb	18 14 32.3 +1.0		
ECBN	Changbin	1.29 241	P	Pg	18 13 55.8 -0.1	WCS	baz=272	e S	Sb	18 14 20.8 +0.1	WTP	Ta-pu	2.02 250	P	Pb	18 14 08.0 +0.7	
ECBN	baz=229	S	Sn	18 14 11.8 +0.6	ANP	Anpu	1.63 320	P	Pb	18 14 00.4 -0.2	WTP	baz=241	i S	Sb	18 14 33.6 +1.3		
NNS	Nan Shan	1.29 293	P	Pg	18 13 55.5 -0.5	ANP	baz=316	e S	Sn	18 14 18.8 -0.7	CHN2	Minsihung	2.07 259	P	Pb	18 14 09.1 +1.0	
NNS	baz=288	i S	Sg	18 14 12.4 -0.6	TWS1	Kuayinshan	1.63 315	P	Pn	18 13 59.1 +0.3	CHN2	baz=256	i S	Sg	18 14 35.3 -2.2		
EHYH	Wanrong	1.31 250	P	Pg	18 13 56.4 +0.1	TWS1	baz=323	e S	Sb	18 14 20.1 -0.7	ECL	Taimali	2.08 230	P	Pn	18 14 06.8 +1.7	
EHYH	baz=248	i S	Sg	18 14 13.2 -0.2	SMLT	Sun Moon Lake	1.64 268	eP	Pn	18 13 59.1 +0.1	ECL	baz=239	i S	Sn	18 14 31.3 +0.7		
WHF	Heluan Shan	1.31 279	P	Pg	18 13 56.0 -0.4	SMLT	baz=266	e S	Sn	18 14 19.0 -0.7	SLGT	Liugui	2.10 244	P	Pb	18 14 09.1 +0.5	
WHF	baz=276	e S	Sg	18 14 12.6 +0.3	NTY	Taoyuan	1.64 310	P	Pb	18 14 00.7 -0.1	SLGT	baz=235	i S	Sb	18 14 34.5 +0.1		
EHY	Hungye	1.32 251	P	Pg	18 13 56.3 -0.2	TWY	Chenhua	1.65 323	P	Pb	18 14 00.4 -0.5	WRL	Guolierlin Hig	2.11 269	P	Pb	18 14 09.4 +0.6
EHY	baz=249	i S	Sn	18 14 12.5 +0.6	TWY	baz=320	i S	Sb	18 14 21.3 -0.1	SGST	Jiashian	2.11 246	P	Pb	18 14 09.2 +0.4		
FUSS	Fushou	1.35 283	P	Pg	18 13 56.9 -0.2	YUS	Yu-Shan	1.65 254	P	Pb	18 14 01.7 +0.5	SGST	baz=238	i S	Sb	18 14 35.2 +0.5	
FUSS	baz=280	i S	Sg	18 14 14.3 -0.5	YUS	baz=253	i S	Sb	18 14 21.6 -0.4	WTK	Tuku	2.12 263	P	Pb	18 14 09.8 +0.9		
NWLT	Wulai	1.36 308	P	Pg	18 13 56.9 -0.3	NTST	Danui	1.65 317	P	Pb	18 14 00.8 -0.2	WTK	baz=262	i S	Sb	18 14 36.7 +1.8	
NWLT	baz=314	i S	Sg	18 14 15.0 0.0	NJND	Zhuong	1.66 299	P	Pb	18 14 20.8 -0.8	CHN1	Nanshi	2.12 249	P	Pb	18 14 09.7 +0.7	
OWD	Renai	1.38 271	P	Pg	18 13 57.2 -0.5	NJND	baz=295	e S	Sb	18 14 01.2 +0.2	CHN1	baz=241	i S	Sb	18 14 36.1 +1.2		
OWD	baz=279	e S	Sg	18 14 14.7 -1.1	NSM	Shimen	1.67 323	eP	Sb	18 14 22.2 +0.7	CHN1	Hsinying	2.13 252	P	Pb	18 14 09.7 +0.6	
CHGB	Renai	1.39 275	P	Pg	18 13 57.3 -0.5	NSM	baz=320	e S	Sn	18 14 01.7 +0.5	CHN1	baz=250	i S	Sb	18 14 35.9 +0.7		
CHGB	baz=273	i S	Sb	18 14 14.2 +0.1	TYC	Yuchr	1.67 269	P	Pb	18 14 20.1 -0.2	RLNB	Erin	2.13 269	P	Pb	18 14 09.4 +0.4	
YULB	Yu-li	1.39 247	P	Pg	18 13 57.2 -0.6	TYC	baz=267	i S	Sb	18 14 01.5 +0.2	RLNB	baz=280	e S	Sb	18 14 35.5 +0.3		
YULB	baz=237	S	Sb	18 14 14.2 +0.4	LIQB	Emei	1.68 295	P	Pg	18 14 21.5 -0.6	SNST	Tainan City	2.13 251	P	Pb	18 14 09.7 +0.5	
EYUL	Yuli	1.39 245	P	Pg	18 13 57.3 -0.4	LIQB	baz=291	e S	Sb	18 14 02.2 -1.0	SNST	baz=249	i S	Sb	18 14 36.8 +1.4		
EYUL	baz=235	e S	Sg	18 14 15.3 -0.6	NSTT	Nanjuang	1.68 294	P	Pb	18 14 23.1 +0.9	LAY	Lan-yu	2.17 209	P	Pn	18 14 07.1 +0.8	
WFSB	Wu-fen Shan	1.39 324	P	Pb	18 13 56.6 +0.1	NSTT	baz=290	i S	Sb	18 14 01.9 +0.5	LAY	baz=208	S	Sn	18 14 33.1 +0.4		
WFSB	baz=320	S	Sb	18 14 13.6 -0.3	LDUT	Ludao	1.69 222	P	Pb	18 14 23.1 +0.8	LYUB	Lan-yu	2.19 208	P	Pn	18 14 07.5 +1.0	
JH	Ishigaki jima	1.39 72	P	Pg	18 13 58.0 +0.2	LDUT	baz=220	S	Sn	18 14 01.0 -0.6	LYUB	baz=207	i S	Sb	18 14 33.0 -0.1		
YHNB	Yeheng	1.40 301	P	Pg	18 13 57.0 -0.9	WHYT	Xinyi Township	1.70 262	P	Pb	18 14 21.6 -1.0	WTCT	Ta-cheng	2.20 268	P	Pb	18 14 10.2 -0.1
YHNB	baz=285	e S	Sg	18 14 15.8 -0.4	WHYT	baz=251	i S	Sb	18 14 23.5 +0.7	WTCT	baz=279	i S	Sb	18 14 37.5 +0.2			
CHKH	Chenggong	1.40 238	P	Pb	18 13 56.9 +0.2	NCU	National Centr	1.70 307	P	Pb	18 14 00.9 -0.9	TSMG	Majia	2.25 237	P	Pb	18 14 10.0 -1.1
CHKH	baz=227	i S	Sb	18 14 14.2 -0.1	NCU	baz=303	S	Sb	18 14 23.5 +0.6	TSMG	baz=232	e S	Sn	18 14 36.1 +1.5			
TWF1	Yuli	1.41 245	P	Pg	18 13 57.5 -0.6	NCU	Zhongli	1.70 307	P	Pb	18 14 01.8 -0.1	SCST	Cishan	2.27 243	P	Pb	18 14 12.2 +0.6
TWF1	baz=235	i S	Sg	18 14 15.4 -1.0	NCUH	baz=303	e S	Sb	18 14 23.7 +0.8	SCST	baz=233	i S	Sg	18 14 42.4 -1.8			
NSK	Sanguang	1.41 301	P	Pg	18 13 57.4 -0.8	ELDTW	Lidau	1.71 244	P	Pb	18 14 01.7 +0.5	SCST	baz=233	i S	Sg	18 14 42.4 -1.8	
NSK	baz=285	S	Sg	18 14 16.1 -0.6	ELDTW	baz=242	i S	Sn	18 14 21.8 +0.3	WSF	Szhu	2.28 263	P	Pb	18 14 11.5 -0.1		
TWT	Tachien	1.41 283	P	Pg	18 13 58.2												

Table with columns: SGLT, TWM1, SCLT, JIRB, TAI1, SLIU, SCZT, SNJT, TSKC, TSCK, JIKM, JMJJ, SMST, SMST, JOGS, TSEB, HEN, HEN, WDGJ, WDGJ, PHUB, PHUB, PNG, PNG, WYUC, WYUC, MATB, MATB, PTMZ, LYJJ, LYJJ, XPSS, XPSS, KNM, KNM, MHZQ, MHZQ, KNMB, KNMB, ZPLA, JOW, JOW, KRSR, KRSR, CMAR, GUMO, SONM, MKAR, MA2, ZALV, WRA, ASAR, BVAR, KVAR, ARCES, FINES, FINES. Each row contains station name, time, and other data.

Table with columns: KURBB, ZALV, H04N2, H04N1, H04N3, H04S1, H04S3, H04S2, TXAR. Each row contains station name, time, and other data.

IDC 01 18:43:48.5i,0.7,29:53N:130:80E,h0km,mb4.1/17, mbmp4.2/21,ML3.7/3,MS3.3/23,Error ellipse: s-maj=22.3km s-min=13.2km az=75.0 BUJ 01 18:43:50.0i,0.0,29:21N:131:08E,h37km,mb4.3/35, mb4.2/5,Ms3.9/6,M57.3/6/6 MOS 01 18:43:51.3i,0.8,29:45N:130:89E,h36km,mb4.7/15,Error ellipse: s-maj=22.3km s-min=13.2km az=105.0 JMA 01 18:43:53.8i,0.1,29:5N:0:4,130:9E:0.6,h66km,1km, MD4.1/36,MV4.5/36,NEAR AMAMI-OSHIMA ISLAND JMA Felt i J1 at NEAR AMAMI-OSHIMA ISLAND. NEIC 01 18:43:53.6i,2.3,29:44N:0:04,130:97E:0.06,h36km,5km, mb4.7/59,Error ellipse: s-maj=8.1km s-min=6.6km az=98.0 NIED 01 18:43:53.8,29:53N:130:89E,h66km,MW4.4,Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mm-1.56; Mw-3.62; Ms-1.8; Mo-2.20; M0.15; Mw0.61; Fault plane solution: Mo5.1300x10^15 NP1: 0.21,0.0000,0.372,0.0000,-1.28,0.0000,-NP2: 0.321,0.0000,0.363,0.0000,-1.18,0.0000. ISC 01 18:43:54.0i,0.6,29:44N:0:04,131:02E:0:04,h47km,6km, h338,i1965/195,mb4.5/56,MS3.5/22,6C,Southeast of Ryukyu Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists various stations and their associated data.

Table with columns: BJT, BJT, BJT, ASAJ, ASAJ, ASAJ, JKA, ENH, XLT, XLT, XLT, HHC, HHC, HHC, HHC, KLR, KLR, GUMO, BTO, BTO, BTO, BTO, BTO, HEH, QIZ, QIZ, QIZ, QIZ, SLVN, PZH, PZH, ULN, ULN, ULN, SONM, MYLD, MYLD, UBPT, UBPT, GAT, GAT, GAT, PHA, PHA, PETK, CMAR, CMAR, FAKI, YAK, MA2, KAPE, KAPE, SAUI, KULM, KULM, KULM, ZALV, ZALV, MK31, MK31, MKAR, MKAR, MKAR, MAKZ, MAKZ, MAKZ, SAUI, MTN, MTN, TIXI, TIXI, GSI, GSI, KURK, KURK, KURB, KURB, KURBB, COEN, COEN, KNRA, FITZ, WBO. Each row contains station name, time, and other data.

1d 19h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

TEH 01 18:47:34.9, 34.64N, 46.29E, h8km, 38km, ML2.5
ISN 01 18:47:34.9, 1.3, 34.64N, 46.26E, h20km, 24km, ML2.5
ISC 01 18:47:34.3, 1.1, 34.63N, 0.06, 46.26E, 0.06, h10km, 12km, n7, 0.06/10, Western Iran

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
DAV	Davao City (W)	1.36	276	Op	ISC	h m s	ISC
DAV				Pn	Pn	19 16 01.0	-0.4
DAV				Pn	Pn	19 16 18.0	+0.1
TNTI	Ternate	6.14	176	Op	ISC	h m s	ISC
TNTI				Pn	Pn	19 17 06.3	-0.4
TOL2	Tolitoli	8.44	227	Op	ISC	h m s	ISC
TOL2				Pn	Pn	19 17 36.1	-2.2
MYLDM	Lahad Datu	8.57	259	Op	ISC	h m s	ISC
MYLDM				Pn	Pn	19 17 41.1	+1.0
LUWI	Luwuk	8.95	208	Op	ISC	h m s	ISC
LUWI				Pn	Pn	19 17 47.1	+1.9
FAKI	Fak Fak	11.13	151	Op	ISC	h m s	ISC
FAKI				Pn	Pn	19 18 14.9	-0.2
SBUM	Sibu	15.33	254	Op	ISC	h m s	ISC
SBUM				Pn	Pn	19 19 11.6	+0.2
JOW	Kunigami	19.83	4	P	IAMB		
JOW				P	IAMB	19 20 05.5	+1.0
JOW				P	IAMB	19 20 24.4	
JOW	Kunigami	19.83	4	P	IAMB		
JOW				P	IAMB	19 20 05.6	+1.1
JOW				P	IAMB	19 20 52.7	
JAGI	Jajaj, Banyuwaja	19.92	220	P	IAMB		
JAGI				P	IAMB	19 20 06.8	+1.2
JAGI				P	IAMB	19 20 52.7	
MTN	Manton Dam	20.09	168	P	IAMB		
MTN				P	IAMB	19 20 07.0	-0.4
QIZ	Qiongzong	20.52	307	P	IAMB		
QIZ				P	IAMB	19 20 13.5	+1.4
QIZ				P	IAMB	19 20 39.0	
KNRA	Kunurra	22.54	175	P	IAMB		
KNRA				P	IAMB	19 20 33.1	-0.6
KNRA				P	IAMB	19 21 06.4	
WCJ	Warramunga Arr	24.73	34	P	IAMB		
WCJ				P	IAMB	19 20 54.0	-0.5
WBO	Warramunga Arr	27.53	165	P	IAMB		
WBO				P	IAMB	19 21 19.0	-0.8
WBO				P	IAMB	19 21 49.6	
WRA	Warramunga Arr	27.69	165	P	IAMB		
WRA				P	IAMB	19 21 21.1	-0.1
WRA				P	IAMB	19 21 20.3	-0.9
WRA				P	IAMB	19 24 36.5	-0.7
JHJ	Hachiojima 2	28.35	23	LR	LR		
JHJ				LR	LR	19 30 58.3	
CMAR	Chiang Mai Arr	29.57	295	LR	LR		
CMAR				LR	LR	19 33 43.0	
KSRS	Korea Array	30.39	2	LR	LR		
KSRS				LR	LR	19 35 13.8	
AS31	Alice Springs	31.17	168	P	IAMB		
AS31				P	IAMB	19 21 52.2	+0.1
ASAR	Alice Springs	31.17	168	P	IAMB		
ASAR				P	IAMB	19 21 53.0	+1.0
ASAR				P	IAMB	19 21 50.7	-1.4
ASAR				P	IAMB	19 24 45.6	-0.5
MAJO	Matsushiro	31.21	18	P	IAMB		
MAJO				P	IAMB	19 21 51.0	-1.4
MAJO				P	IAMB	19 21 58.8	
MJAR	Matsushiro Arr	31.21	18	P	IAMB		
MJAR				P	IAMB	19 21 51.7	-0.6
MJAR				P	IAMB	19 34 46.9	
CTAO	Chartiers Tower	32.90	145	P	IAMB		
CTAO				P	IAMB	19 22 08.2	+0.9
JMM	Marunou	33.28	20	P	IAMB		
JMM				P	IAMB	19 22 10.5	+0.4
USRK	Ussuriysk Arr	37.38	6	P	IAMB		
USRK				P	IAMB	19 22 46.2	+0.7
FORT	Forrest	37.52	178	P	IAMB		
FORT				P	IAMB	19 22 46.5	-0.3
JKA	Kamikawa-asahi	39.49	18	P	IAMB		
JKA				P	IAMB	19 23 04.7	+1.4
JKA				P	IAMB	19 23 14.3	
BBOO	Buckleboo	40.47	168	P	IAMB		
BBOO				P	IAMB	19 23 10.5	-1.0
NWAO	Narogin (SRO)	40.71	193	P	IAMB		
NWAO				P	IAMB	19 23 13.6	+0.2
NWAO				P	IAMB	19 23 48.9	
STKA	Stevens Creek	41.05	161	P	IAMB		
STKA				P	IAMB	19 23 16.3	-0.1
STKA				P	IAMB	19 23 16.2	-0.1
SONMI	Songino Array	44.36	340	P	IAMB		
SONMI				P	IAMB	19 23 43.9	+0.9
PETK	Petrovsk	52.41	23	P	IAMB		
PETK				P	IAMB	19 24 45.8	+1.1
PETK				P	IAMB	19 25 06.7	+2.2
YAK	Yakutsk	55.02	2	LR	LR		
YAK				LR	LR	19 46 55.9	
MK31	Makanchi Array	55.08	324	P	IAMB		
MK31				P	IAMB	19 25 06.5	+2.0
MKAR	Makanchi Array	55.08	324	P	IAMB		
MKAR				P	IAMB	19 25 06.7	+2.2
NRN	Naryn	56.67	316	P	IAMB		
NRN				P	IAMB	19 25 14.4	-1.9
NRN				P	IAMB	19 25 32.7	
AAK	Ala-Archa	58.16	316	LR	LR		
AAK				LR	LR	19 51 49.6	
GAR	Garm	59.95	311	P	IAMB		
GAR				P	IAMB	19 25 37.3	-1.7
CHGR	Chuyangarr	60.72	311	P	IAMB		
CHGR				P	IAMB	19 25 43.7	-0.6
KKAR	Karatay Array	61.07	316	P	IAMB		
KKAR				P	IAMB	19 26 08.8	-1.6
KDAK	Kodiak Island	79.93	33	LR	LR		
KDAK				LR	LR	19 56 53.8	
CCB	Clear Creek Bu	81.74	26	P	IAMB		
CCB				P	IAMB	19 27 50.1	-0.4
ILAR	Eielson Array	82.14	26	P	IAMB		
ILAR				P	IAMB	19 27 52.0	-0.6
J25K	Salcha River	82.79	26	P	IAMB		
J25K				P	IAMB	19 27 55.1	-1.0
RIDG	Independent Ri	83.03	27	P	IAMB		
RIDG				P	IAMB	19 27 57.4	0.0
RIDG				P	IAMB	19 28 23.3	
VRDI	Verde Repeater	83.78	29	P	IAMB		
VRDI				P	IAMB	19 28 01.5	0.0
VRDI				P	IAMB	19 28 19.4	
TGL	Tana Glacier	84.11	30	P	IAMB		
TGL				P	IAMB	19 28 03.2	+0.2
TGL				P	IAMB	19 28 15.3	
K27K	Chicken	84.25	26	P	IAMB		
K27K				P	IAMB	19 28 04.6	+1.1
K27K				P	IAMB	19 28 06.1	
ARCES	ARCESS Array B	87.53	340	P	IAMB		
ARCES				P	IAMB	19 28 17.6	-2.0
ARCES				P	IAMB	19 28 17.6	-2.0
FINES	FINESS Array B	89.12	332	P	IAMB		
FINES				P	IAMB	19 28 25.4	-1.9
FINES				P	IAMB	19 28 25.4	-1.9
AKASG	Malin Array Be	89.55	321	P	IAMB		
AKASG				P	IAMB	19 28 27.4	-2.1
AKASG				P	IAMB	19 28 27.4	-2.1

SHL	Shillong	3.22	285	iPG	Pn	19 20 36.1	-0.6
SHL				eS	Pn	19 21 12.3	-3.3
SHL				IAML	Pn	19 21 13.8	
SHL				IAML	Pn	19 21 15.1	
AGT	Agartala	3.81	258	eP	Pn	19 20 44.2	+0.1
AGT				eS	Pn	19 21 28.8	-0.3
AGT				IAML	Pn	19 21 29.6	
AGT				IAML	Pn	19 21 29.8	
PZH	Panzhihua	6.05	72	P	Pmax	19 21 13.7	-0.2
PZH				P	Pmax	19 21 17.7	+2.0
LSA	Lhasa	6.17	324	P	Pmax	19 21 16.7	+1.0
LSA				P	Pmax	19 21 19.8	+0.2
LSA				P	Pmax	19 21 21.6	+0.9
LSA				P	Pmax	19 21 24.2	+1.0
LSA				P	Pmax	19 22 40.0	+0.9
LSA				P	Pmax	19 21 19.8	+0.2
LSA				P	Pmax	19 21 21.6	+0.9
LSA				P	Pmax	19 21 24.2	+1.0
LSA				P	Pmax	19 22 40.0	+0.9
LSA				P	Pmax	19 21 19.8	+0.2
LSA				P	Pmax	19 21 21.6	+0.9
LSA				P	Pmax	19 21 24.2	+1.0
LSA				P	Pmax	19 22 40.0	+0.9
LSA				P	Pmax	19 21 19.8	+0.2
LSA				P	Pmax	19 21 21.6	+0.9
LSA				P	Pmax	19 21 24.2	+1.0
LSA				P	Pmax	19 22 40.0	+0.9
LSA				P	Pmax	19 21 19.8	+0.2
LSA				P	Pmax	19 21 21.6	+0.9
LSA				P	Pmax	19 21 24.2	+1.0
LSA				P	Pmax	19 22 40.0	+0.9
LSA				P	Pmax	19 21 19.8	+0.2
LSA				P	Pmax	19 21 21.6	+0.9
LSA				P	Pmax	19 21 24.2	+1.0
LSA				P	Pmax	19 22 40.0	+0.9
LSA				P	Pmax	19 21 19.8	+0.2
LSA				P	Pmax	19 21 21.6	+0.9
LSA				P	Pmax	19 21 24.2	+1.0
LSA				P	Pmax	19 22 40.0	+0.9
LSA				P	Pmax	19 21 19.8	+0.2
LSA				P	Pmax	19 21 21.6	+0.9
LSA				P	Pmax	19 21 24.2	+1.0
LSA				P	Pmax	19 22 40.0	+0.9
LSA				P	Pmax	19 21 19.8	+0.2
LSA				P	Pmax	19 21 21.6	+0.9
LSA				P	Pmax	19 21 24.2	+1.0
LSA				P	Pmax	19 22 40.0	+0.9
LSA				P	Pmax	19 21 19.8	+0.2
LSA				P	Pmax	19 21 21.6	+0.9
LSA				P	Pmax	19 21 24.2	+1.0

1d 19h

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like AKBB, AK01, AK03, etc.

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Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like Berggiesshubel, BRG, etc.

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Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like BOSA, BOSA TOR, etc.

ANKY	comp=N,1514um,0.9s	AML	AML	19 50 18.2
BODT	comp=E,1462um,0.7s			
BODT	Boitrump	2.35 29	Pn	19 49 28.7 +1.1
TURUN	Turunt	2.60 46	Pn	19 49 31.9 +1.0
KTHA	Kythira Island	2.63 299	Pn	19 49 32.6 +1.3
KTHA	Kythira Island	2.63 299	P	19 49 32.3 +1.0
KTHA	Kythira Island	2.63 299	Pn	19 49 31.2 -0.1
KTHA	Kythira Island	2.63 299	Pn	19 50 22.2
KTHA	comp=E,994um,0.5s	AML	AML	19 50 22.6
MLSB	Milas	2.75 33	Pn	19 49 33.8 +0.8
VER	Yerkesik	2.87 42	Pn	19 49 36.1 +1.3
VER	Yerkesik	2.87 42	Pn	19 49 36.1 +1.3
YER	Dalyan (Mula)	2.88 50	Pn	19 49 35.9 +1.2
VLI	Veliai	2.95 306	P	19 49 36.4 +0.6
VLI	Veliai	2.95 306	Pn	19 49 36.5 +0.7
VLI	Veliai	2.95 306	Pn	19 50 19.9
VLI	comp=N,688um,1.1s	AML	AML	19 50 20.6
KRND	KRANIDI	3.25 318	P	19 49 40.9 +1.0
KRND	KRANIDI	3.25 318	P	19 50 33.6
KRND	comp=E,674um,0.9s	AML	AML	19 50 36.0
KRND	comp=N,618um,0.6s	AML	AML	19 50 36.0
AYDB	Zeytinok-Aydi	3.35 28	Pn	19 49 42.9 +1.6
DION	Dionisios Attik	3.45 333	P	19 49 40.3 +0.3
DION	Dionisios Attik	3.45 333	P	19 50 49.2
DION	comp=N,710um,0.8s	AML	AML	19 50 49.4
ELL	Elmalis	3.69 61	Pn	19 49 45.4 +0.7
ODEM	Odemis-lzmir	3.71 28	Pn	19 49 49.1 +1.6
PYL	PYLOS	3.86 300	P	19 49 49.7 +1.3
KYMI	Kymi, Euboea I	3.90 339	P	19 49 49.4 +0.6
KYMI	Kymi, Euboea I	3.90 339	P	19 50 59.2
KYMI	comp=N,209um,0.8s	AML	AML	19 51 01.5
GUR	Goura	4.10 317	P	19 49 52.3 +0.7
GUR	Goura	4.10 317	P	19 50 50.5
GUR	comp=E,669um,0.6s	AML	AML	19 50 52.0
KLV	Kalavryta, Ach	4.28 316	P	19 49 55.5 +1.4
KLV	Kalavryta, Ach	4.28 316	P	19 50 55.5
KLV	comp=E,207um,1.1s	AML	AML	19 51 13.8
KLV	comp=N,193um,1.1s	AML	AML	19 50 02.2 +1.0
ANX	Ano Chora	4.80 319	P	19 51 14.5
ANX	Ano Chora	4.80 319	P	19 50 02.2 +1.0
ANX	comp=E,297um,0.7s	AML	AML	19 51 14.9
ANX	comp=N,363um,1.1s	AML	AML	19 51 14.9
ALN	Alexandroupoli	5.89 1	Pn	19 50 15.0 -1.1
CSS	Mathiatis	6.10 88	Pn	19 50 18.1 -1.1
CSS	Mathiatis	6.10 88	Pn	19 51 29.1 -0.1
CSS	Mathiatis	6.10 88	Pn	19 50 19.5 +0.4
YLV	Yalova	6.20 25	Pn	19 50 22.5 +2.1
YLV	Yalova	6.20 25	Pn	19 50 22.5 +2.1
CTYL	Yatikoy Yolu	6.73 16	Pn	19 50 29.7 +2.0
CTYL	Yatikoy Yolu	6.73 16	Pn	19 50 29.7 +2.0
KEK	Kerkira	6.76 316	Pn	19 50 27.3 -0.8
KEK	Kerkira	6.76 316	Pn	19 51 45.8 +0.4
FNA	Florina	6.79 330	Pn	19 50 28.6 +0.0
MDUB	Mudurnu	6.89 36	Pn	19 50 30.3 +0.4
KBN	Korca	6.92 326	Pn	19 50 30.2 -0.1
BR231	Keskin MP Arra	7.30 47	Pn	19 50 32.8 -2.8
ANTO	Ankara	7.33 46	Pn	19 50 33.4 -2.5
ANTO	Ankara	7.33 46	Pn	19 50 38.6 +2.7
ANTO	Ankara	7.33 46	Pn	19 50 37.5 +1.6
BR131	Keskin Array S	7.76 50	Pn	19 50 42.2 +0.3
BRTR	Keskin Array B	7.76 50	Pn	19 50 40.9 -1.0
BRTR	Keskin Array B	7.76 50	Pn	19 50 44.2 +2.3
BRTR	Keskin Array B	7.76 50	Pn	19 50 44.2 +2.3
BRTR	comp=N,20m,0.3s,baz=222,slow=15,SNR=19			
BRTR	comp=N,1.8m,0.6s			
SCTE	Santa Cesarea	7.77 313	Pn	19 50 42.3 +0.3
ELND	Elena	7.91 360	P	19 50 48.6 +4.7
MMAI	Mount Meron Ar	8.14 101	Pn	19 50 47.1 0.0
MMAI	Mount Meron Ar	8.14 101	Pn	19 50 47.1 0.0
MMAI	comp=N,1.2m,0.3s,baz=283,slow=12,SNR=7.3			
MMAI	comp=N,1.0m,0.3s,baz=256,slow=23,SNR=2.2			
KZIT	Kziot	8.23 117	P	19 50 48.7 +0.4
SALP	Salifit	8.28 108	P	19 50 50.5 +1.3
TIP	Timpagrande	8.41 302	Pn	19 50 51.4 +0.7
TIP	Timpagrande	8.41 302	Pn	19 50 53.7 +3.0
TIP	Timpagrande	8.41 302	Pn	19 50 52.9 +2.1
TIP	Timpagrande	8.41 302	Pn	19 50 52.9 +2.1
PUK	Puka	8.46 328	Pn	19 50 52.1 +0.7
UJAP	Al Uja	8.55 108	Pn	19 50 54.5 +1.8
BALJ	Balqa	8.64 107	Pn	19 50 53.1 -0.8
DSI	Dead Sea	8.64 111	Pn	19 50 55.6 +1.6
CEL	Celeste	8.67 295	Pn	19 50 54.4 -0.1
CEL	Celeste	8.67 295	Pn	19 50 56.7 +2.3
BNN	Bunyan	8.84 61	Pn	19 50 55.5 -1.3
GHAJ	Ghor Haditha	8.90 112	Pn	19 50 56.9 -0.6
PRNI	Paran	8.97 119	Pn	19 50 58.6 +0.2
ZFRJ	Ziri	8.99 117	Pn	19 51 00.4 +1.3
POG	Podgorica	9.05 327	Pn	19 50 59.1 -0.3
COPA	Copaceanca	9.13 357	P	19 51 05.4 +4.8
BOVS	Bovan	9.21 341	P	19 51 07.7 +6.0
MBRI	Mt Berech	9.22 122	P	19 51 03.0 +1.0
WDD	Wied Dalam	9.32 276	Pn	19 51 03.0 -0.3
EIL	Eilat	9.32 122	P	19 51 02.8 -0.5
EIL	Eilat	9.32 122	P	19 51 03.7 +0.4
BZK	Bozkurt	9.41 40	Pn	19 51 06.3 +1.9
GAZ	Gaziantep	9.41 73	Pn	19 51 04.2 -0.3
CUC	Castrocuoco	9.43 305	Pn	19 51 04.5 -0.3
RAFF	Raffo Rosso	9.59 287	Pn	19 51 06.8 -0.2
ASF	Jabal al Asfar	9.60 104	Pn	19 51 07.4 +0.2
ASF	Jabal al Asfar	9.60 104	Pn	19 51 07.4 +0.2
ASF	comp=N,0.9m,0.4s			
ASF	comp=N,0.9m,0.4s			
VAE	Valguarnera	9.60 288	Pn	19 51 09.0 +1.8
VAE	Valguarnera	9.60 288	Pn	19 51 09.0 +1.8
VAE	comp=N,5.8m,0.6s,baz=164,slow=3.6,SNR=6.5			
TPGR	Topolog	10.03 10	P	19 52 54.9 +5.2
ARR	Arges	10.40 355	P	19 51 23.6 +5.6
SGRF	San Giovanni R	10.43 313	Pn	19 51 17.4 -1.2
MLR	Muntele Rosu	10.48 0	Pn	19 51 20.4 +1.2
MLR	Muntele Rosu	10.48 0	Pn	19 51 19.4 +0.3
MLR	Muntele Rosu	10.48 0	Pn	19 51 25.4 +6.3
CLTB	Cattabelotta	10.55 288	Pn	19 51 20.1 -0.1
PAOL	Paolisi	10.77 307	Pn	19 51 22.8 -0.3
PLORS	Plostinia Array	10.85 3	P	19 51 26.9 +2.8
PLORS	Plostinia Array	10.85 3	P	19 51 26.9 +2.8
PLORS	comp=N,5.7m,0.8s			
VRI	Vrincioara	10.87 3	P	19 51 29.4 +5.0
INTR	Introdaca	11.71 310	Pn	19 51 24.8 -1.2
BURAR	Bucovina Array	12.61 358	Pn	19 51 47.5 -0.8
NRCA	Norcica	12.65 312	Pn	19 51 48.2 -0.6
FDMO	Fiordimonte	12.78 313	Pn	19 51 49.8 -0.8
KEST	Kesra	13.53 278	Pn	19 51 59.8 -1.1
KEST	Kesra	13.53 278	Pn	19 52 01.6 +0.7
KEST	comp=N,0.2m,0.3s,baz=11,slow=11,SNR=1.5			
KEST	comp=N,0.8m,0.4s			
VSL	Villasalto	13.90 294	Pn	19 52 05.2 -0.6
KOLS	Kolonickie sedi	14.18 350	P	19 52 21.7 +4.5
ARSA	Arzberg	14.50 331	P	19 52 39.1 -1.6
ARSA	Arzberg	14.50 331	P	19 52 39.1 -1.6
RONA	Rosalia, Austr	14.57 333	P	19 52 20.1 -1.6
NIE	Niedzica	14.98 346	P	19 52 23.3 +2.7
NIE	Niedzica	14.98 346	P	19 52 23.3 +2.7
ABTA	Abfaltersbach	15.47 323	eP	19 52 30.9 -0.8
KIV	Kislodovsk	15.72 50	P	19 52 31.5 +1.0
KIV	Kislodovsk	15.72 50	P	19 52 36.4 +0.1
KIV	comp=N,5.1m,1.2s			
KIV	comp=N,5.1m,1.2s			
KBZ	Khabaz	15.75 51	Pn	19 52 33.7 -1.0
KBZ	Khabaz	15.75 51	Pn	19 52 33.7 -1.0
KBZ	comp=N,0.1m,0.3s,baz=235,slow=12,SNR=1.8			
KBZ	comp=N,56m,21.3s,baz=225,slow=40			
KBZ	comp=N,1.2m,0.5s			

GNI	Garni	15.79 65	LR	19 59 58.7
AK05	Main Array Si	15.79 8	P	19 52 33.9 -1.2
AK14	Main Array Si	15.79 8	P	19 52 34.2 -0.9
AK09	Main Array Si	15.80 8	P	19 52 34.4 -0.8
AK12	Main Array Si	15.81 8	P	19 52 34.2 -1.1
VRAC	Vranov	15.85 37	Pn	19 52 34.3 +2.3
VRAC	comp=N,0.2m,0.3s,baz=160,slow=12,SNR=1.4			
KIEV	Kiev	15.87 8	P	19 52 33.1 +0.9
KIEV	Kiev	15.87 8	P	19 52 47.1
KIEV	Kiev	15.87 8	P	19 52 36.5 +0.5
KIEV	Kiev	15.87 8	P	19 52 34.1 +1.9
AKASG	Main Array Ba	15.88 8	Pn	19 52 32.7 +0.4
AKASG	Main Array Ba	15.88 8	Pn	19 52 32.7 +0.4
AKASG	comp=Z,0.8m,0.3s,baz=199,slow=11,SNR=9.5			
AKASG	comp=Z,0.3m,0.3s			
AKKB	Main Array Si	15.88 8	Iamb	19 52 32.7 +0.5
AKKB	Main Array Si	15.88 8	Iamb	19 52 47.1
AKKB	comp=Z,23nm,1.3s			
AKKB	Main Array Si	15.88 8	P	19 52 34.4 +2.1
LESA	Schwarzeleal	15.88 325	eP	19 52 36.7 +0.5
MICR	MIR2, Pridlybu	15.97 4	P	19 52 35.3 +1.8
M2R8	MOR8, Moravsky Berou	15.98 340	Pn	19 52 34.3 +0.5
RNPP5	Stary Chortor	16.22 360	P	19 52 39.3 -0.6
GEC2	GERESS Array S	16.51 331	Pn	19 52 38.9 -1.7
GERES	GERESS Array S	16.51 331	Pn	19 52 39.6 -0.9
GERES	comp=Z,1.1m,0.3s,baz=132,slow=11,SNR=1.8			
GERES	comp=Z,0.3m,0.5s			
FETA	Feichten	16.55 321	eP	19 52 43.9 +0.1
FETA	Feichten	16.55 321	eP	19 52 43.9 +0.1
FETA	comp=Z,1.5m,0.8s			
MOVA	Mosalm	16.58 312	eP	19 52 44.9 +0.8
MOVA	Mosalm	16.58 312	eP	19 52 44.9 +0.8
MOVA	comp=Z,3.1m,1.3s			
DATX	Davos/Dischmat	16.85 319	Pn	19 52 44.7 -0.2
DATX	Davos/Dischmat	16.85 319	Pn	19 52 44.7 -0.2
DATX	comp=Z,0.1m,0.3s,baz=153,slow=18,SNR=1.4			
DATX	comp=Z,0.4m,0.3s			
RETA	Reutte	16.85 322	iP	19 52 47.1 +0.1
RETA	Reutte	16.85 322	iP	19 52 47.1 +0.1
RETA	comp=Z,5.1m,2.0s			
DPC	Dobruska-Polom	16.88 338	P	19 52 47.0 0.0
DPC	Dobruska-Polom	16.88 338	P	19 52 47.0 0.0
DPC	comp=Z,4.7m,0.8s			
KSP	Ksiaz	17.30 339	P	19 52 52.6 +0.8
KSP	Ksiaz	17.30 339	P	19 52 52.6 +0.8
KSP	comp=Z,3.1m,0.9s			
GRFO	Grafenberg	18.20 328	P	19 52 59.5 -2.1
GRFO	Grafenberg	18.20 328	P	19 52 59.5 -2.1
GRFO	comp=Z,2.0m,0.9s			
CLL	Collim	18.77 334	iP	19 53 09.6
CLL	Collim	18.77 334	iP	19 53 09.6
CLL	comp=Z,2.0m,0.9s			
CLL	comp=Z,3.6m,0.8s			
CLL	Collim	18.77 334	P	19 53 05.9 +1.1
SUW	Suwalki	19.10 355	P	19 53 07.9 -3.8
SUW	Suwalki	19.10 355	P	19 53 19.9
SUW	comp=Z,28nm,1.0s			
TAM	Tamanrasset	21.54 241	P	19 53 39.1 +0.5
CLF	Chambon-Font	21.86 314	P	19 53 39.0 -2.6
CLF	Chambon-Font	21.86 314	P	19 53 39.0 -2.6
CLF	Belogonye	23.28 35	LR	20 03 30.0
BELG	Belogonye	23.28 35	LR	20 03 30.0
BELG	comp=Z,4.7m,18.0s,baz=254,slow=38			
ESBB	Sonsea Array	24.14 290	P	19 54 04.3 -0.9
ESBB	Sonsea Array	24.14 290	P	19 54 30.9
ESBB	comp=Z,4.0m,1.0s			
ESDC	Sonsea Array	24.14 290	P	19 54 04.3 -0.9
ESDC	Sonsea Array	24.14 290	P	19 54 04.3 -0.9
ESDC	comp=Z,1.0m,0.5s,baz=180,slow=9.6,SNR=1.4			
ESDC	comp=Z,56m,18.1s,baz=46,slow=36			
ESDC	comp=Z,0.9m,0.5s			
PAB	San Pablo	24.43 290	P	19 54 06.7 -1.1
PAB	San Pablo	24.43 290	P	19 54 29.8
PAB	comp=Z,0.9m,0.5s			
MDT	Midelt	25.37 274	P	19 54 17.3 +0.9
MDT	Midelt	25.37 274	P	19 54 17.3 +0.9
MDT	comp=Z,1.8m,1.1s,baz=91,slow=10.0,SNR=2.7			
HFS	Hagfors	26.37 346	P	19 54 25.4 +0.3
HFS	Hagfors	26.37 346	P	19 54 25.4 +0.3

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Cosiguina Volc, Telica, Cerro Negro, Cerro Negro, Conchagua, Ruinas Leon Vi, Intipuca, La Caada, El Cardon, Apoyeque, El Ranchito, Finca el Limon, Pacayal, Jaya.

1DC 01 22:23:36.7.1.1, 1.99N, 123.74E, h0km, mb3.5/6, mbmp3.5/6, Error ellipse: s-maj=58.6km s-min=20.3km az=71.0

1SC 01 22:23:41.7.1.3, 1.9N, 123.6E, 0.4, h35km, n6, s124/6, mb3.5/6, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Warrungarra Arr, Alice Springs, Matsushiro Arr, Makanchi Array, Kurchatov Arr, Makanchi Array, Kurchatov Arr, Eielson Array.

1DC 01 22:27:59.9.1.5, 3.22N, 127.24E, h0km, mb3.8/6, mbmp3.8/6, Error ellipse: s-maj=151.5km s-min=17.5km az=66.0

1SC 01 22:28:06.6.3.1, 3.1N, 127.2E, h44km, n7, s077/17, mb3.8/6, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Warrungarra Arr, Alice Springs, Matsushiro Arr, Makanchi Array, Kurchatov Arr, Borovoye Arr, Torodi Arr.

1DC 01 22:32:59.9.1.4, 1.79S, 176.30W, h538km, 12km, mb3.1/7, mbmp4.0/9, Error ellipse: s-maj=24.9km s-min=19.0km az=137.0

NEIC 01 22:33:00.3.1.2, 18.2S, 0.2, 178.4W, 0.2, h527km, 10km, mb4.2/20, Error ellipse: s-maj=30.2km s-min=24.5km az=216.0

1SC 01 22:33:00.4.0.7, 18.0S, 0.1, 178.4W, 0.1, h500km, n41, s076/43, mb4.2/18, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Nonsavu, Alice Springs, Matsushiro Arr, Makanchi Array, Kurchatov Arr, Borovoye Arr, Torodi Arr, Warrungarra Arr, Alice Springs, Matsushiro Arr, Makanchi Array, Kurchatov Arr, Borovoye Arr, Torodi Arr, Warrungarra Arr, Alice Springs, Matsushiro Arr, Makanchi Array, Kurchatov Arr, Borovoye Arr, Torodi Arr.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Soe, Marble Bar, Morawa, Matsushiro Arr, Wanaqama, South Pole Qui, Mina Arra Bay, Sanae, Makanchi Array, Borovoye Arr, Bunyan, Bucovina Array, Keskin Array B, Keskin Array B, Mount Meron Arr, Geres Arra B, Florida.

1DC 01 22:36:18.4.24.0, 27.75N, 83.14E, h0km, mb3.8/2, mbmp3.7/3, MS3.2/1, MS5.3/3, Error ellipse: s-maj=518.2km s-min=109.1km az=126.0, Nepal-India border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Makanchi Array, Asahikawa, FINESS Array B, Kilima Mbojo, ARCES Array B, Torodi Arr.

CATAC 01 22:46:28.9.0.5, 9.19N, 82.22W, h11km, 3km, ML4.2 UCR 01 22:46:28.4.1.1, 9.23N, 82.18W, h18km, 9km, MW4.3 UCA 01 22:46:29.3.1.2, 9.18N, 82.37W, h0km, 3km, MW4.2

1SC 01 22:46:25.4.1.2, 9.32N, 0.03, 82.15W, 0.02, h1km, 1km, n56, s089/78, SC-3D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like El Empalme, Aguatec, Gandoca, Gandoca, Los Naranjos, Palмира, Volcan, Gandoca, Los Naranjos, Palмира, Volcan, Gandoca, Los Naranjos, Palмира, Volcan, Gandoca, Los Naranjos, Palмира, Volcan.

1DC 01 23:29:08.2.2.1, 18.05S, 178.20W, h558km, 17km, mb3.0/4, mbmp4.0/5, Error ellipse: s-maj=66.0km s-min=20.5km az=151.0

1SC 01 23:29:10.5.1.7, 17.9S, 0.4, 178.2W, 0.2, h590km, n7, s201/8, mb3.5/4, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like El Empalme, Aguatec, Gandoca, Gandoca, Los Naranjos, Palмира, Volcan, Gandoca, Los Naranjos, Palмира, Volcan, Gandoca, Los Naranjos, Palмира, Volcan, Gandoca, Los Naranjos, Palмира, Volcan.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Pocosol, Las Junias de.

1DC 01 23:22:22.3.1.9, 20.63S, 177.89W, h538km, 18km, mb3.2/7, mbmp4.2/9, Error ellipse: s-maj=33.1km s-min=18.3km az=148.0

NEIC 01 23:25:25.4.1.1, 20.5S, 0.2, 178.1W, 0.2, h554km, 10km, mb4.0/14, Error ellipse: s-maj=29.8km s-min=21.1km az=202.0

1SC 01 23:22:22.7.0.7, 20.4S, 0.1, 178.0W, 0.1, h534km, n32, s201/8, mb3.9/15, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Nonsavu, Alice Springs, Matsushiro Arr, Makanchi Array, Kurchatov Arr, Borovoye Arr, Torodi Arr, Warrungarra Arr, Alice Springs, Matsushiro Arr, Makanchi Array, Kurchatov Arr, Borovoye Arr, Torodi Arr.

1DC 01 23:29:08.2.2.1, 18.05S, 178.20W, h558km, 17km, mb3.0/4, mbmp4.0/5, Error ellipse: s-maj=66.0km s-min=20.5km az=151.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Warrungarra Arr, Alice Springs, Matsushiro Arr, Makanchi Array, Kurchatov Arr, Borovoye Arr, Torodi Arr, Warrungarra Arr, Alice Springs, Matsushiro Arr, Makanchi Array, Kurchatov Arr, Borovoye Arr, Torodi Arr.

1DC 01 23:29:08.2.2.1, 18.05S, 178.20W, h558km, 17km, mb3.0/4, mbmp4.0/5, Error ellipse: s-maj=66.0km s-min=20.5km az=151.0

1SC 01 23:29:10.5.1.7, 17.9S, 0.4, 178.2W, 0.2, h590km, n7, s201/8, mb3.5/4, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Warrungarra Arr, Alice Springs, Matsushiro Arr, Makanchi Array, Kurchatov Arr, Borovoye Arr, Torodi Arr, Warrungarra Arr, Alice Springs, Matsushiro Arr, Makanchi Array, Kurchatov Arr, Borovoye Arr, Torodi Arr.

1DC 01 23:31:15.5.4.1, 39.04N, 142.48E, h35km, 33km, mb3.3/8, mbmp3.6/12, ML2.3/3, Error ellipse: s-maj=32.5km s-min=18.3km az=86.0

JMA 01 23:31:21.0.1.0, 1.38N, 9.0, 141.8E, 0.5, h57km, MV3.6/39, KINKAZAN REGION

JMA Feli J / AT KINKAZAN REGION. 1SC 01 23:31:18.5.1.1, 38.87N, 0.05, 142.00E, 0.09, h64km, 8km, n27, s157/30, mb3.6/8, 15D, Near east coast of eastern

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Ofunato, Kenesenumotoy, Ichinosue, Ouri, Ohasama, Okura, Rokugo, Kaneyama, Marumori, Matsuhiro Arr, Asahikawa, Hachijo jima 2, Azuero.

comp-Z,434nm,18.2s,baz=89,slow=34					
LBTB Labatse	87.32 245	P	Iamb	P	00 28 31.7 -0.9
LBTB					00 28 35.0
comp-Z,13nm,1.0s					
LBTB Labatse	87.32 245	LR	IAmb	LR	01 00 47.3
comp-Z,289nm,21.9s,baz=93,slow=31					
LBTB Labatse	87.32 245	P		P	00 28 31.7 -0.9
LBTB					
comp-Z,13nm,1.0s					
BNN Bunyan	87.79 310	P	Iamb	P	00 28 33.8 -0.7
BNN					00 28 35.5
comp-Z,35nm,1.2s					
BNN Anapa	87.96 316	eP		P	00 28 38.0 +3.0
BNN					00 28 41.4 +0.6
comp-Z,42nm,1.5s					
ANN Anapa	87.96 316	e	pmx	pmx	00 28 35.4
ANN					
comp-Z,196nm,19.0s					
VSR Storzevoye	88.41 322	eP		P	00 28 33.4 -3.6
VSR					
comp-Z,10.0nm,1.0s					
VORR Voronezh	88.50 323	eP	pmx	pmx	00 28 34.4 -3.0
VORR					
comp-Z,10.0nm,1.0s					
LPSR Galich'ya Gora	88.91 323	eP	pmx	pmx	00 28 37.0 -2.3
LPSR					
comp-Z,9.0nm,1.1s					
TROLL Troll, Antarti	89.44 197	IP		P	00 28 43.6 +1.9
TROLL					
comp-Z,888nm,1.3s					
BR104 Keskin Array S	89.64 310	P		P	00 28 41.5 -1.7
comp-Z,3.9nm,1.3s,comp-Z,3.7nm					
BR1131 Keskin Array S	89.64 310	P		P	00 28 41.6 -1.7
BR1131					00 28 41.6 -1.7
comp-Z,10.0nm,1.3s					
BRTR Keskin Array B	89.64 310	P		P	00 28 41.4 -1.9
BRTR					00 28 41.5 -1.7
comp-Z,4.6nm,1.1s,baz=108,slow=4.0,SNR=17					
BRTR					01 14 23.1
comp-Z,122nm,18.5s,baz=108,slow=39					
BRTR Keskin Array B	89.64 310	iP	pmx	pmx	00 28 42.2 -1.1
BRTR					
comp-Z,5.0nm,1.1s					
BR105 Keskin Array S	89.66 310	P		P	00 28 41.8 -1.5
comp-Z,4.9nm,1.3s,comp-Z,4.7nm					
BR106 Keskin Array S	89.66 310	P		P	00 28 41.8 -1.5
comp-Z,4.2nm,1.2s,comp-Z,4.2nm					
SUR Sutherland	90.36 237	LR		LR	01 04 20.7
comp-Z,2.78nm,20.0s,baz=120,slow=32					
MOS Moscow	90.43 326	eP		P	00 28 42.6 -3.7
MOS					00 32 19.0
TBI Tubuai	90.57 114	ePP	PP	PP	00 32 14.3 -8.5
comp-Z,690nm,38.8s					
TBI Tubuai	90.57 114	eLR		LR	00 57 43.3
comp-Z,1.1um,27.0s					
TBI					00 57 44.8
comp-Z,2.1um,26.5s					
OBN Obninsk	90.87 326	eP		P	00 28 47.8 -0.6
OBN					00 32 23.4
OBN					00 34 22.3
OBN					00 39 20.1 +1.2
OBN					00 45 49.7 +2.6
comp-Z,9.0nm,1.4s					
OBN					
comp-Z,262nm,17.0s					
SNA4 Sanae	91.09 196	P	Iamb	MLR	00 28 50.4 +1.1
SNA4					00 28 52.9
comp-Z,2.0nm,1.0s					
SNA4 Sanae	91.09 196	IP		P	00 28 51.1 +1.8
comp-Z,187nm,0.7s					
SNA4 Sanae	91.09 196	P		P	00 28 50.6 +1.3
comp-Z,14nm,1.0s,baz=134,slow=3.6,SNR=37					
SNA4					01 04 20.6
comp-Z,985nm,21.7s,baz=110,slow=32					
SNA4 Sanae	91.09 196	eP	pmx	pmx	00 28 51.1 +1.8
comp-Z,14nm,1.1s					
SNA4					
comp-Z,24nm,1.0s					
PPT2 Papeete	91.36 108	eP		P	00 28 44.8 -6.9
comp-Z,46nm,25.8s					
PPT2 Papeete	91.36 108	ePP	PP	PP	00 32 23.3 -6.0
comp-Z,44nm,26.0s					
PPT2					00 40 01.4 +1.1
comp-Z,147nm,24.2s					
PPT2 Papeete	91.36 108	eLR		LR	00 58 02.3
comp-Z,393nm,27.2s					
PPT2					00 58 07.7
comp-Z,284nm,27.8s					
PPT Papeete	91.37 108	LR		LR	01 09 14.3
comp-Z,108nm,19.0s,baz=122,slow=36					
BELA Belgrano 2	92.58 186	P	Iamb	Iamb	00 28 56.4 +0.4
BELA					00 28 59.4
comp-Z,24nm,1.0s					
VNA2 Neumayer-Watz	92.73 196	IP		P	00 28 58.8 +1.9
comp-Z,2.3nm,0.8s,baz=112,slow=41					
VNA2 Neumayer-Stat	93.12 196	IP		P	00 29 06.6 +2.0
comp-Z,14nm,1.1s					
VNA3 Neumayer Olymp	93.14 195	IP		P	00 29 00.3 +1.6
comp-Z,3.9nm,0.9s					
AKASG Malin Array B	94.48 320	P		P	00 29 02.7 -2.5
comp-Z,1.9nm,1.0s,baz=83,slow=4.0,SNR=7.0					
AKASG					01 17 58.6
comp-Z,154nm,18.5s,baz=88,slow=40					
comp-Z,1.9nm,1.0s					
TSUM Tsumbe	95.58 250	LR		LR	01 07 04.5
comp-Z,247nm,18.7s,baz=114,slow=32					
MNK Minsk	95.73 324	iP		P	00 29 17.7 +6.9
MNK					00 33 09.2
MNK					00 35 11.7
comp-Z,4.0nm,0.9s					
MNK					
comp-Z,4.0nm,0.9s					
MNK					
comp-Z,7.0nm,1.0s					
IDI Anovia	95.89 305	LR		LR	01 20 59.6
comp-Z,92nm,18.1s,baz=112,slow=41					
NACGIN Narodn	96.40 324	P		P	00 29 12.8 -1.1
comp-Z,8.0nm,0.9s,baz=95					
J20K Novinta River	97.06 26	P	Iamb	Iamb	00 29 15.8 -0.9
J20K					00 29 17.7
comp-Z,10nm,1.4s					
FINES FINESS Array B	97.27 331	LR		LR	01 09 07.6
comp-Z,262nm,18.7s,baz=94,slow=39					
KD4K Kodiak Island	97.39 33	LR		LR	01 08 39.7
comp-Z,217nm,21.9s,baz=97,slow=33					
ARCES ARCES Array B	97.92 339	LR		LR	01 18 49.6
comp-Z,355nm,19.3s,baz=101,slow=39					
SPITS Spitsbergen Ar	100.01 348	LR		LR	01 21 35.7
comp-Z,380nm,18.7s,baz=96,slow=40					
TAOE Nuku Hiva Isla	101.89 101	eLR		LR	01 02 50.5
comp-Z,257nm,22.6s					
RKT Rikitea	103.64 116	eLR		LR	01 03 33.7
comp-Z,2.1um,26.2s					
KHC Kaspersky Hory	104.53 319	AMS		AMS	01 19 00.0
comp-Z,400nm,21.9s					
CLL Collin	104.71 321	eSS		SS	00 49 06.0 +4.1
CLL					00 57 30.0
CLL					01 26 00.0
comp-Z,200nm,19.6s					
CLL					01 26 00.0
comp-E,200nm,20.1s					
CLL					01 26 00.0
comp-Z,200nm,19.0s					
TORD Torodi Ar Bea	115.79 281	PKP		PKP	00 34 26.8 -1.7
TORD					00 34 26.9 -1.6
comp-Z,2.9nm,0.8s,baz=92,slow=2.0,SNR=14					
ESDC Sonsea Array	118.43 311	PKP		PKP	00 34 31.8 -1.2
comp-Z,0.9nm,0.9s,baz=350,slow=1.6,SNR=4.7					
DBIC Dimboko	121.77 273	PKP		PKP	00 34 39.2 -0.8
comp-Z,4.9nm,0.7s,baz=170,slow=6.1,SNR=5.0					
NVAR Mina Array Bea	122.46 49	PKP		PKP	00 34 40.3 -0.7
comp-Z,0.8nm,0.8s,baz=177,slow=1.2,SNR=3.6					
HLID Red Top Meadow	123.48 42	PKP		PKP	00 34 42.5 -0.3
HLID					00 34 46.8 -0.7
PDAR Pinedale Array	127.04 42	PKP		PKP	00 34 47.5 -2.1
comp-Z,0.2nm,0.3s,baz=145,slow=1.8,SNR=4.9					
O20A White River Ci	129.10 44	PKP		PKP	00 34 52.9 -0.8
O20A					00 35 18.4 -0.4
JY1A Chester	144.39 220	eP		P	00 35 22.9 +0.2
comp-Z,1.4nm,0.8s,baz=144,slow=1.8,SNR=2.0					
TRY Troy	144.46 13	PKP		PKP	00 35 19.0 -0.8
WVT Waverly	144.47 35	PKP		PKP	00 35 18.5 -1.5
WVT					00 35 18.5 -1.5

P52A Corning	144.55 25	PKP		PKP	00 35 18.8 -1.4
OXF Oxford	144.65 38	PKP		PKP	00 35 19.3 -1.5
OXF					00 35 19.3 -1.5
SPB Sao Paulo	144.69 206	eP		PKP	00 35 21.0 -0.2
P53A Whipple	144.88 24	PKP		PKP	00 35 20.5 -1.3
P53A					00 35 20.7 -0.4
BSFB Barra de Sao F	145.02 220	eP		PKP	00 35 22.5 0.0
KSPA Keystone Cole	145.05 16	eP		PKP	00 35 20.2 -1.8
PLAL Pickwick Lake	145.13 37	eP		PKP	00 35 20.1 -2.4
CPUP Villa Florida	145.16 190	PKP		PKP	00 35 23.9 +0.5
comp-Z,1.1s,baz=155,slow=2.8,SNR=40					
CPUP Villa Florida	145.16 190	eP		PKP	00 35 23.6 +0.3
SSPA Standing Stone	145.26 19	eP		PKP	00 35 21.0 -1.7
NANO1 Guarapari, ES	145.27 222	eP		PKP	00 35 23.9 +0.1
SJMB Sao Joao De Ma	145.33 219	eP		PKP	00 35 22.4 -1.2
PTGB Pilanga	145.43 199	eP		PKP	00 35 24.3 +0.3
MTAW Montateau	145.46 212	eP		PKP	00 35 25.7 +0.7
BSCB Bom Sucesso	145.61 212	eP		PKP	00 35 25.5 +0.7
TRNY Table Rock, Ra	145.84 14	eP		PKP	00 35 22.5 -1.5
GUA01 Guaratinga, BA	145.95 224	eP		PKP	00 35 23.3 -1.6
SWET Sewanee	146.19 34	eP		PKP	00 35 23.6 -1.2
SJFY Sao Joaquin	146.25 192	eP		PKP	00 35 23.2 -2.0
MVL Millersville	146.32 18	eP		PKP	00 35 24.2 0.6
LDASE Londrina, Braz	146.32 201	eP		PKP	00 35 24.9 0.6
TZTN Tazewell	146.42 30	eP		PKP	00 35 23.6 -1.6
CMC01 Camacan, BA	146.59 226	eP		PKP	00 35 25.8 -0.2
FPAL Fort Paine	146.87 34	PKP		PKP	00 35 24.9 -1.1
TKL Tuckaleechee C	147.01 31	PKP		PKP	00 35 25.4 -0.8
TKL					00 35 25.4 -0.8
LRAL Lakeview Retre	147.12 38	eP		PKP	00 35 25.6 -0.8
DIAM Diamantina, MG	147.17 217	eP		PKP	00 35 25.9 -1.2
BLA Blacksburg	147.31 25	eP		PKP	00 35 25.4 -1.3
BLA					00 35 25.4 -1.3
BLA					00 35 28.2 +0.9
TRCB Terra Rica	147.40 199	eP		PKP	00 35 28.2 +0.9
PAPY Pozo Azul	147.51 189	eP		PKP	00 35 28.9 -1.0
GDU01 Guandu, BA	147.72 228	eP		PKP	00 35 29.6 -1.1
AMBA Amambal (Brazi	147.96 195	eP		PKP	00 35 30.2 -1.0
PCMB Pacambu	148.02 202	eP		PKP	00 35 30.1 -1.3
NBLA Lagarto - SE	148.03 234	eP		PKP	00 35 27.6 -0.8
PMNB Patos De Minas	148.51 212	eP		PKP	00 35 30.9 +1.6
AF01 Sao Pedro de A	148.74 172	eP		PKP	00 35 32.2 -1.4
HODGE Hodges	148.89 31	eP			

GSC	Goldstone, Bar	51.32 321	P	P	03 52 12.9 +1.5
GSC	comp=Z,12nm,0.9s		I	Amb	03 52 14.1
EYMN	Ely	51.37 350	I	Amb	03 52 10.4
RSSD	Black Hills	51.39 338	P	Amb	03 52 11.8 -0.1
RSSD	comp=Z,11nm,1.1s		I	Amb	03 52 13.7
RSSD	Black Hills	51.39 338	P	P	03 52 12.9 +1.1
RSSD	comp=Z,11nm,1.1s		I	Amb	03 52 15.1
BSUT	Blindstream Ca	51.50 330	I	Amb	03 52 15.1
NLU	North Lily Min	51.75 328	P	P	03 52 14.3 -0.2
JWY	Greenwater Val	51.80 322	I	Amb	03 52 17.2
GLU	Jordanelle	51.90 329	I	Amb	03 52 17.8
TPNV	Topopah Spring	52.03 323	I	Amb	03 52 19.6
CTU	Camp Tracy	52.12 329	P	P	03 52 17.8 +0.5
WCT	Wildcat Mounta	52.16 322	I	Amb	03 52 20.4
S11A	Rachel	52.19 324	I	Amb	03 52 20.9
TCUT	Toone Canyon	52.26 330	I	Amb	03 52 45.1
SPR3	Spring Creek 3	52.29 326	P	P	03 52 19.1 +0.4
SPR3	comp=Z,8.3nm,0.9s		I	Amb	03 52 20.6
Q12A	Willow Creek R	52.60 326	I	Amb	03 52 47.9
AGMN	Agassiz Nation	52.61 346	I	Amb	03 52 21.0
ISA	Isabella, Lake	52.61 320	P	P	03 52 22.6 +1.7
ISA	comp=Z,11nm,1.2s		I	Amb	03 52 23.5
PDAR	Pinedale Array	52.62 332	P	P	03 52 20.2 -0.8
PDAR	Pinedale Array	52.62 332	P	P	03 52 21.3 +0.3
PDAR	comp=Z,3.5nm,0.6s,baz=126,slow=8.6,SNR=38		P	P	03 52 20.4
PDAR	comp=Z,1.1nm,0.6s,baz=131,slow=4.5,SNR=3.7		P	P	03 52 23.8 -0.5
HWUT	Hardware Ranch	52.70 330	I	Amb	03 52 23.0
SPUT	South Promonto	52.93 329	P	P	03 52 23.6 +0.4
SPUT	comp=Z,9.0nm,0.8s		I	Amb	03 52 24.9
AHID	Auburn Hatcher	53.35 331	I	Amb	03 52 27.4
TPH	Tonopah	53.35 323	P	P	03 52 27.8 +1.4
SNOW	Snow King Moun	53.72 332	I	Amb	03 52 30.8
SNOW	comp=Z,5.2nm,0.6s		I	Amb	03 52 30.8
TPAW	Teton Pass	53.83 332	P	P	03 52 28.9 -1.0
IMW	Indiana Meadow	54.13 332	I	Amb	03 52 32.2 +0.1
NV11	Mina Array ST	54.15 323	I	Amb	03 52 58.5
OMMB	Old Mammoth Mi	54.15 322	I	Amb	03 52 34.8
FLWY	Flagg Ranch	54.17 333	I	Amb	03 52 34.2
MDPB	Devils Postpil	54.21 321	I	Amb	03 52 59.4
BNAR	Mina Array Bea	54.23 323	P	P	03 52 38.8 +0.9
NVAR	comp=Z,1.6nm,0.7s,baz=136,slow=7.3,SNR=4.1		P	P	03 53 36.8 +0.4
LHV	Little Huntoon	54.24 322	I	Amb	03 52 35.5
RLMT	Red Lodge	54.34 334	I	Amb	03 52 34.2
ULM	Lac du Bonnet	54.44 347	I	Amb	03 52 33.4
ULM	Lac du Bonnet	54.44 347	P	P	03 52 32.9 -1.0
ULM	comp=Z,7.2nm,0.5s,baz=152,slow=7.6,SNR=15		I	Amb	03 52 33.4
KVN	Kaiserville	54.51 323	P	P	03 52 33.7 -1.1
BMN	Battle Mountai	54.90 325	I	Amb	03 52 39.1
YHL	Hebgen Lake	54.98 333	P	P	03 52 38.7 +0.5
YHL	comp=Z,9.7nm,0.7s		I	Amb	03 52 40.3
MFID	Forest Hills D	56.18 329	I	Amb	03 52 49.4
EGMT	Eagleton	56.19 322	I	Amb	03 52 47.3 +0.6
OVMT	Ovando	57.48 333	P	P	03 52 56.3 +0.4
J06A	Circle Bar Ran	57.55 327	I	Amb	03 52 59.2
MSO	Missoula	57.73 333	I	Amb	03 52 59.2
BMO	Blue Mountains	57.95 329	P	P	03 52 58.1 -1.1
I07A	Izze	58.59 327	I	Amb	03 52 03.6
F10A	Beach Ranch, E	58.69 330	I	Amb	03 53 09.0
G08A	Pilot Rock	59.10 329	I	Amb	03 53 08.9
PINE	Pine Mountain	59.19 326	P	P	03 53 09.1 +1.2
E09A	Wood Farm, Sta	59.52 330	I	Amb	03 53 11.1
I05D	Terrebonne, OR	59.76 326	I	Amb	03 53 13.7
G06A	Carlson Farm,	59.95 328	I	Amb	03 53 15.7
FFC	Flin Flon	60.03 345	P	P	03 53 12.7 -0.5
FFC	comp=Z,4.6nm,0.5s		I	Amb	03 53 13.1 +0.6
HAWA	Hanford	60.14 329	P	P	03 53 14.7 +0.6
HAWA	comp=Z,4.6nm,0.5s		I	Amb	03 53 15.1
NEW	Newport	60.26 332	P	P	03 53 14.2 -0.7
NEW	comp=Z,5.4nm,0.8s		I	Amb	03 53 16.2
G05A	Wamic	60.33 327	I	Amb	03 53 19.6
E07A	Sunnyside	60.42 329	I	Amb	03 53 17.9
HOOD	Mount Hood Mea	60.56 327	I	Amb	03 53 20.0
GNW	Green Mountain	62.61 328	P	P	03 53 31.0 +0.2
GNW	comp=Z,9.2nm,1.1s		I	Amb	03 53 31.9
BBTS	Babate	64.69 73	LR	LR	04 18 49.8
SMAI	San Martin Ant	66.01 175	P	P	03 53 52.3 -0.3
YKA	Yellowknife Ar	70.10 344	P	P	03 54 17.8 -0.5
DLBC	Dease Lake	72.74 335	I	Amb	03 54 36.4
ISOG	Isortoq, Green	74.01 16	i	P	03 54 40.7 -0.9
ISOG	comp=Z,3.7nm,1.1s		I	Amb	03 54 42.1
DBIC	Dimbokro	75.12 82	P	P	03 54 49.0 -0.1
DBIC	comp=Z,2.7nm,0.5s,baz=248,slow=5.4,SNR=6.0		LR	LR	04 26 11.4
ICESG	Greenland Ices	76.48 14	i	P	03 54 55.4 -0.8
ICESG	comp=Z,2.7nm,0.5s		I	Amb	03 54 56.5
M31M	Drury Creek, Y	76.67 337	P	P	03 54 56.2 -0.8
N30M	Aishikhi Lake	77.37 335	I	Amb	03 55 03.3
M29M	Somme Creek	78.42 336	I	Amb	03 55 08.7
H31M	Peel River	78.64 340	I	Amb	03 55 09.0
K29M	Barlow Dome	78.75 337	I	Amb	03 55 09.9
MDT	Midelt	78.78 56	LR	LR	04 27 33.4
BELA	Belgrano 2	78.88 17	P	P	03 55 08.9 -0.2
I30M	Mount Dempster	79.04 339	I	Amb	03 55 11.8
G31M	Satah River	79.24 341	I	Amb	03 55 12.3
BORG	Borgarnes	79.31 22	LR	LR	04 29 33.3
SUMG	Summit	79.37 12	P	P	03 55 11.7 -0.5
SUMG	comp=Z,1.1nm,0.8s		I	Amb	03 55 13.3
SUMG	Summit	79.37 12	i	P	03 55 11.0 -1.2
SUMG	comp=Z,9.8nm,0.7s		I	Amb	03 55 13.3

EPYK	Eagle Plains	79.76 340	I	Amb	03 55 15.3
INX	Inuvik	79.79 342	I	Amb	03 55 15.0
M27K	Edge of the AK	79.79 335	I	Amb	03 55 16.1
MCARA	McCarthy VSAT	79.86 334	P	P	03 55 14.8 +0.2
MCARA	comp=Z,16nm,1.0s		I	Amb	03 55 17.2
VRDI	Verde Repeater	79.99 334	I	Amb	03 55 17.0
BCAR	Beaver Creek	80.07 336	P	P	03 55 15.7 0.0
GLB	Gilahina Butte	80.23 334	I	Amb	03 55 17.7
H29M	Whitesone	80.26 339	I	Amb	03 55 18.1
I28M	Miner Creek	80.44 338	I	Amb	03 55 19.1
G29M	Pine Creek	80.48 340	I	Amb	03 55 19.0
ESDC	Sonsecia Array	80.58 49	P	P	03 55 19.9 +0.8
ESDC	Sonsecia Array	80.58 49	P	P	03 55 19.2 +0.2
EGAK	Eagle	80.59 338	I	Amb	03 55 19.7
K27K	Chicken	80.61 337	I	Amb	03 55 20.7
KLU	Klutina	81.19 334	I	Amb	03 55 22.8
VNA3	Neumayer Olymp	81.19 162	i	P	03 55 21.4 -0.3
VNA3	comp=Z,3.6nm,0.6s		i	P	03 55 40.8 -1.2
E29M	Blow River	81.20 341	I	Amb	03 55 23.5
NEEM	Neumayer-Stat	81.44 6	i	P	03 55 22.8 -0.4
VNA1	Neumayer-1st	81.45 161	i	P	03 55 23.3 +0.4
M24K	Tolsona, Glenn	81.53 334	P	P	03 55 23.7 +0.1
M24K	comp=Z,1.6nm,0.7s		I	Amb	03 55 24.5
VNA2	Neumayer-Watz	81.81 162	i	P	03 55 24.5 -0.3
TORD	Tordi Ar. Bea	82.07 76	P	P	03 55 26.5 -0.8
TORD	comp=Z,1.1nm,0.5s,baz=275,slow=6.3,SNR=24		I	Amb	03 55 24.9
J25K	Salcha River,	82.16 337	I	Amb	03 55 27.9
E27K	Coleen River	82.30 341	I	Amb	03 55 28.6
GHO	Greenland	82.63 333	I	Amb	03 55 30.7
G7K	Gloire Hole Cre	82.71 336	P	P	03 55 29.1 -0.5
HDA	Harding Lake	82.71 336	P	P	03 55 30.2
ILAR	Eielson Array	82.82 337	P	P	03 55 29.4 -0.8
ILAR	Eielson Array	82.82 337	P	P	03 55 29.8 -0.5
ILAR	comp=Z,3.9nm,0.8s,baz=129,slow=3.8,SNR=32		P	P	03 58 42.0 +0.7
F26K	Sheenjk Mount	82.95 340	I	Amb	03 55 32.4
RND	Reindeer	83.15 335	I	Amb	03 55 31.1 0.0
SNA4	Sanas	83.41 162	i	P	03 55 32.6 -0.7
SNA4	comp=Z,2.8nm,0.5s		I	Amb	03 55 32.7 -0.6
MDM	Murphy Dome	83.43 336	I	Amb	03 55 34.2
F25K	Christian River	83.44 339	P	P	03 55 34.2 +0.8
NEA2	Nenana	83.64 336	I	Amb	03 55 35.2
SKT	Skventina	83.86 333	I	Amb	03 55 36.0
I23K	Minto, Yukon-K	83.94 336	I	Amb	03 55 36.9
EKA	Eskdalemuir Ar	84.38 34	P	P	03 55 37.4 -1.0
MLY	Manley	84.46 336	P	P	03 55 38.2 -0.4
MLY	comp=Z,1.1nm,0.7s		I	Amb	03 55 39.4
G23K	Bananza Creek	84.72 338	I	Amb	03 55 41.7
E23K	Chandler	85.01 339	I	Amb	03 55 43.1
TROLL	Troll, Antarti	85.13 162	i	P	03 55 42.4 +0.4
K20K	Telida	85.37 334	I	Amb	03 55 43.7
J20K	Nowina River	85.62 335	P	P	03 55 43.9 -0.5
IMAR	Indian Mountai	85.93 337	P	P	03 55 44.5 -0.5
G21K	Allakaket	85.98 337	I	Amb	03 55 47.1
H19K	Roundabout Mou	86.90 336	I	Amb	03 55 53.0
G19K	Purcell Mounta	87.29 337	I	Amb	03 55 53.4
L16K	Owhat River	87.46 332	I	Amb	03 55 55.3
QSPA	South Pole Qui	87.51 180	P	P	03 55 53.3 -0.5
QSPA	South Pole Qui	87.51 180	P	P	03 55 54.1 +0.3
E19K	Rezone River	87.63 338	I	Amb	03 55 55.2
F19K	Shalerukik Mo	87.71 337	I	Amb	03 55 55.8
BMRD	Meadow	88.32 40	d	P	03 55 57.8 0.0
F17K	Baldwin Pennin	89.00 337	P	P	03 56 01.1 +0.5
ELIB	Princess Elisa	91.57 162	d	P	03 56 13.4 +0.7
TSUM	Tsumeb	95.90 109	LR	LR	04 37 09.1
SUR	Sutherland	97.38 123	LR	LR	04 36 48.7
ABKAR	Akbulak array	122.09 30	PKP	PKP	04 01 59.7 -0.9
BVAR	Borovoye Array	123.89 21	PKP	PKP	04 02 04.2 +0.3
ZAA0	Zalesovo Array	127.19 12	PKP	PKP	04 02 07.9 -2.3
ZALV	Zalesovo Beam	127.19 12	PKP	PKP	04 02 09.8 -0.4
ZALV	Zalesovo Beam	127.19 12	PKP	PKP	04 02 10.0 -0.2
STKA	Stephens Creek	128.07 225	PKP	PKP	04 02 12.7 +0.1
STKA	Stephens Creek	128.07 225	PKP	PKP	04 02 13.6 +1.0
KURBB	Kurchatov Arra	128.65 18	PKP	PKP	04 02 13.2 +0.2
MJAR	Matsushiro Arr	131.49 319	PKP	PKP	04 02 18.0 -0.9
MK31	Makanchi Array	133.19 17	PKP	PKP	04 02 21.3 -0.5
MKAR	Makanchi Array	133.19 17	PKP	PKP	04 02 21.2 -0.7
MKAR	Makanchi Array	133.19 17	PKP	PKP	04 02 21.6 -0.2
SOMM	Songino Array	134.61 354	PKP	PKP	04 02 24.5 -0.1
SONJ	Songino Array	134.61 354	PKP	PKP	04 02 24.8 +0.1
KSR5	Korea Array	137.07 327	PKP	PKP	04 02 29.1 -0.1
KSAR	Wonju Array Be	137.10 327	PKP	PKP	04 02 28.5 -0.9
WMQ	Urumqi	137.38 14	e	PKP	04 02 27.1 -2.7
WMQ	comp=Z,8.2nm,23.3s		LR	LR	04 02 22.2
ASAR	Alice Springs	138.29 229	PKP	PKP	04 02 21.6
ASAR	Alice Springs	138.29 229	PKP	PKP	04 02 21.6
ASAR	comp=Z,2.9nm,0.8s,baz=116,slow=2.1,SNR=13		PKP	PKP	04 02 31.6 -0.5
WR0	Warramunga Arr	139.74 235	PKP	PKP	04 02 25.3
WR2	Warramunga Arr	139.91 235	PKP	PKP	04 02 24.9
WR3	Warramunga Arr	139.92 235	PKP	PKP	04 02 25.4
WRA	Warramunga Arr	139.92 235	PKP	PKP	04 02 26.3
WRA	comp=Z,3.0nm,0.8s,baz=125,slow=2.3,SNR=23		PKP	PKP	04 02 34.4 -0.6
WBO	Warramunga Arr	139.96 235	PKP	PKP	04 02 25.1
HHC	Hu-ho-hao-le	140.58 347	e	PKP	04 02 32.1 -3.7
GTA	Gaotai	143.31 1	e	PKP	04 02 39.4 +1.5
GTA	comp=Z,1.5nm,0.6s,baz=15,slow=1.9,SNR=7.4		e	PKP	04 02 12.7 +0.1
MNTN	Mannton Dam</				

mbtmp4.0/22, MS2.7/2, Error ellipse: s-maj=24.6km s-min=14.2km az=25.0 NNC 02 05:12:22.0:3.2, 36.94N:70.82E, h0km, mb5.2, mpv5.0, Error ellipse: s-maj=26.4km s-min=21.2km az=154.0 NEIC 02 05:12:22.6:1.3, 36.51N:0.02:71.07E:0.07, h97km, 7km, mb4.1/11, Error ellipse: s-maj=8.7km s-min=2.9km az=78.0

ISC 02 05:12:21.0:0.5, 36.37N:0.05:71.20E:0.05, h100km, n84, az=256/104, mb4.0/26, 4d-4d, Afghanistan-Tajikistan

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMBO Kilima Mbogo, KIBK Kibwezi, TOROD Torodi Ar. Bea.

IDC 02 05:53:27.5:74.0,23.14S:-179.74W,h457km,240km, mb3.0/3,mbtmp3.9,Error ellipse: s-maj=981.5km s-min=128.1km az=83.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr.

DJA 02 06:31:48.3:0.9,7.5:10x12.7E+,h329km,2gkm,M4.0/7, mb3.9/3,MLv4.2/7, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOEI Soe, BATI Baumata, EDFI Ende, Flores.

NEIC 02 06:34:08.9:1.6,31.33S:0'08.178'5W:0.2,h10km,1km, mb4.4/20, Error ellipse: s-maj=26.3km s-min=10.5km az=109.0

IDC 02 06:34:14.7:2.8,31.04S:178.33W,h64km,26km,mb3.9/6, mbtmp4.2/6, Error ellipse: s-maj=24.3km s-min=20.2km az=122.0

ISC 02 06:34:13.0:0.6,31.23S:0'07.178'5W:0.1,h50km,n50, r=157/44,mb4.3/17,53, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, RTZ Rutahuna.

JMA 02 06:44:55.4:0.3,36.0N:0'8.14'1E+,h22km,4km, MV2.7/26, FAR E OFF IBARAKI PREF

IDC 02 06:44:58.1:2.8,35.32N:140.62E,h0km,mb3.0/1, mbtmp3.1/2,ML2.2/2, Error ellipse: s-maj=47.8km s-min=27.7km az=71.0

ISC 02 06:44:56.1:1.9,36.07N:0'10.141'3E:0.1,h26km,n13, r=121/9, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIHU Itakohinouch, JIHO Hitachi, JSMT Summatsuuo.

IDC 02 06:50:55.8:1.8,2.25N:95.57W,h0km,mb3.8/5, mbtmp3.8/5,MS3.7/36, Error ellipse: s-maj=117.2km s-min=34.6km az=84.0

NEIC 02 06:50:56.8:2.2,1.6N:0.1:r=97.0W:0.1,h10km,2km, mb4.3/25, Error ellipse: s-maj=28.7km s-min=3.4km az=22.0

ISC 02 06:50:58.0:1.2,1.8N:0.2:96.7W:0.1,h10km,n77, r=124/34,mb4.2/17,MS3.8/33, West of Galapagos Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTS Las Juntas de, APG El Apazole, CMIG Matias Romero.

IDC 02 06:51:06.3:1.5,2.718N:126.60E,h144km,15km, mb3.5/11,mbtmp3.9/15, Error ellipse: s-maj=25.2km s-min=11.7km az=69.0

NEIC 02 06:51:06.2:2.1,2.714N:0.0:9.126:76E:0.08, h114km,10km,mb4.0/14, Error ellipse: s-maj=13.7km s-min=10.7km az=181.0

JMA 02 06:51:07.4:0.4,0.27N:127.7E+,h133km,4km,MV4.0/22, NWV OFF OKINAWAJIMA IS

ISC 02 06:51:06.2:0.7,2.716N:0.0:6.126:82E:0.05,h150km,6km, n69,r=135/85,mb3.8/19,Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GIRL Giriala, BELA Belgrano 2, TROLL Troll, Antarti.

MDD 02 06:39:29.1:0.9,36.74N:7'07W,h54km,20km, Mb2.7/5, Error ellipse: s-maj=8.1km s-min=4.2km az=6.0

INMG 02 06:39:30.0:1.1,36.76N:7'12W,h21km,3km,ML1.0, Error ellipse: s-maj=5.8km s-min=4.8km az=156.0

SFS 02 06:39:30.2,36.78N:7'14W,h59km,ML1.3/4,ML2.0/4, MLV1.0/4

ISC 02 06:39:27.4:1.6,36.77N:0'06.704W:0.04,h18km,4km, n19,r=0575/33,53, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PVAO Vaqueiros, EGRO El Granado, EGRO El Granado.

IDC 02 06:39:27.4:1.6,36.77N:0'06.704W:0.04,h18km,4km, n19,r=0575/33,53, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EGRO Barranco-do-Ve, PBDV Barranco-do-Ve.

JMA 02 06:44:55.4:0.3,36.0N:0'8.14'1E+,h22km,4km, MV2.7/26, FAR E OFF IBARAKI PREF

IDC 02 06:44:58.1:2.8,35.32N:140.62E,h0km,mb3.0/1, mbtmp3.1/2,ML2.2/2, Error ellipse: s-maj=47.8km s-min=27.7km az=71.0

ISC 02 06:44:56.1:1.9,36.07N:0'10.141'3E:0.1,h26km,n13, r=121/9, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECAB EI Cabril, EVO Evora, EBAD Badajoz.

JMA 02 06:44:55.4:0.3,36.0N:0'8.14'1E+,h22km,4km, MV2.7/26, FAR E OFF IBARAKI PREF

IDC 02 06:44:58.1:2.8,35.32N:140.62E,h0km,mb3.0/1, mbtmp3.1/2,ML2.2/2, Error ellipse: s-maj=47.8km s-min=27.7km az=71.0

ISC 02 06:44:56.1:1.9,36.07N:0'10.141'3E:0.1,h26km,n13, r=121/9, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIHO Hitachi, JSMT Summatsuuo, MJAR Matsushiro Arr.

IDC 02 06:50:55.8:1.8,2.25N:95.57W,h0km,mb3.8/5, mbtmp3.8/5,MS3.7/36, Error ellipse: s-maj=117.2km s-min=34.6km az=84.0

NEIC 02 06:50:56.8:2.2,1.6N:0.1:r=97.0W:0.1,h10km,2km, mb4.3/25, Error ellipse: s-maj=28.7km s-min=3.4km az=22.0

ISC 02 06:50:58.0:1.2,1.8N:0.2:96.7W:0.1,h10km,n77, r=124/34,mb4.2/17,MS3.8/33, West of Galapagos Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTS Las Juntas de, APG El Apazole, CMIG Matias Romero.

IDC 02 06:51:06.3:1.5,2.718N:126.60E,h144km,15km, mb3.5/11,mbtmp3.9/15, Error ellipse: s-maj=25.2km s-min=11.7km az=69.0

NEIC 02 06:51:06.2:2.1,2.714N:0.0:9.126:76E:0.08, h114km,10km,mb4.0/14, Error ellipse: s-maj=13.7km s-min=10.7km az=181.0

JMA 02 06:51:07.4:0.4,0.27N:127.7E+,h133km,4km,MV4.0/22, NWV OFF OKINAWAJIMA IS

ISC 02 06:51:06.2:0.7,2.716N:0.0:6.126:82E:0.05,h150km,6km, n69,r=135/85,mb3.8/19,Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAGN Aguni-jima, JKE Kume jima 2, JKH Iheya.

IDC 02 06:51:06.3:1.5,2.718N:126.60E,h144km,15km, mb3.5/11,mbtmp3.9/15, Error ellipse: s-maj=25.2km s-min=11.7km az=69.0

NEIC 02 06:51:06.2:2.1,2.714N:0.0:9.126:76E:0.08, h114km,10km,mb4.0/14, Error ellipse: s-maj=13.7km s-min=10.7km az=181.0

JMA 02 06:51:07.4:0.4,0.27N:127.7E+,h133km,4km,MV4.0/22, NWV OFF OKINAWAJIMA IS

ISC 02 06:51:06.2:0.7,2.716N:0.0:6.126:82E:0.05,h150km,6km, n69,r=135/85,mb3.8/19,Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAGN Aguni-jima, JKE Kume jima 2, JKH Iheya.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like X16A, TKL Tuckaleechee C, LVC Limon Verde.

IDC 02 06:51:06.3:1.5,2.718N:126.60E,h144km,15km, mb3.5/11,mbtmp3.9/15, Error ellipse: s-maj=25.2km s-min=11.7km az=69.0

NEIC 02 06:51:06.2:2.1,2.714N:0.0:9.126:76E:0.08, h114km,10km,mb4.0/14, Error ellipse: s-maj=13.7km s-min=10.7km az=181.0

JMA 02 06:51:07.4:0.4,0.27N:127.7E+,h133km,4km,MV4.0/22, NWV OFF OKINAWAJIMA IS

ISC 02 06:51:06.2:0.7,2.716N:0.0:6.126:82E:0.05,h150km,6km, n69,r=135/85,mb3.8/19,Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like S22A 4UR Ranch, C, KNB Kanab, HNU Henry Mount.

IDC 02 06:51:06.3:1.5,2.718N:126.60E,h144km,15km, mb3.5/11,mbtmp3.9/15, Error ellipse: s-maj=25.2km s-min=11.7km az=69.0

NEIC 02 06:51:06.2:2.1,2.714N:0.0:9.126:76E:0.08, h114km,10km,mb4.0/14, Error ellipse: s-maj=13.7km s-min=10.7km az=181.0

JMA 02 06:51:07.4:0.4,0.27N:127.7E+,h133km,4km,MV4.0/22, NWV OFF OKINAWAJIMA IS

ISC 02 06:51:06.2:0.7,2.716N:0.0:6.126:82E:0.05,h150km,6km, n69,r=135/85,mb3.8/19,Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array.

IDC 02 06:51:06.3:1.5,2.718N:126.60E,h144km,15km, mb3.5/11,mbtmp3.9/15, Error ellipse: s-maj=25.2km s-min=11.7km az=69.0

NEIC 02 06:51:06.2:2.1,2.714N:0.0:9.126:76E:0.08, h114km,10km,mb4.0/14, Error ellipse: s-maj=13.7km s-min=10.7km az=181.0

JMA 02 06:51:07.4:0.4,0.27N:127.7E+,h133km,4km,MV4.0/22, NWV OFF OKINAWAJIMA IS

ISC 02 06:51:06.2:0.7,2.716N:0.0:6.126:82E:0.05,h150km,6km, n69,r=135/85,mb3.8/19,Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SADO Sadowa, ULM, PLCA Paso Flores.

IDC 02 06:51:06.3:1.5,2.718N:126.60E,h144km,15km, mb3.5/11,mbtmp3.9/15, Error ellipse: s-maj=25.2km s-min=11.7km az=69.0

NEIC 02 06:51:06.2:2.1,2.714N:0.0:9.126:76E:0.08, h114km,10km,mb4.0/14, Error ellipse: s-maj=13.7km s-min=10.7km az=181.0

JMA 02 06:51:07.4:0.4,0.27N:127.7E+,h133km,4km,MV4.0/22, NWV OFF OKINAWAJIMA IS

ISC 02 06:51:06.2:0.7,2.716N:0.0:6.126:82E:0.05,h150km,6km, n69,r=135/85,mb3.8/19,Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEW Newport, BDFB Brasilia, SCHO Schefferville.

IDC 02 06:51:06.3:1.5,2.718N:126.60E,h144km,15km, mb3.5/11,mbtmp3.9/15, Error ellipse: s-maj=25.2km s-min=11.7km az=69.0

NEIC 02 06:51:06.2:2.1,2.714N:0.0:9.126:76E:0.08, h114km,10km,mb4.0/14, Error ellipse: s-maj=13.7km s-min=10.7km az=181.0

JMA 02 06:51:07.4:0.4,0.27N:127.7E+,h133km,4km,MV4.0/22, NWV OFF OKINAWAJIMA IS

ISC 02 06:51:06.2:0.7,2.716N:0.0:6.126:82E:0.05,h150km,6km, n69,r=135/85,mb3.8/19,Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YLBC Dease Lake, FRB Frobiher Bay, PMSA Palmer Station.

IDC 02 06:51:06.3:1.5,2.718N:126.60E,h144km,15km, mb3.5/11,mbtmp3.9/15, Error ellipse: s-maj=25.2km s-min=11.7km az=69.0

2nd 6h

Table with columns: YHNB, Yeheng, 5.49 244 P, Pn, 06 52 27.7 +1.5, etc. Includes stations like Ninganchiao, YULB, YULB, etc.

IDC 02 06:51:46.7±6.9, 14.705±167.38E, h111km, 51km, mb3.5/5, mbmp3.9/6, Error ellipse: s-maj=51.8km s-min=29.3km az=32.0

NOU 02 06:51:47.9, 14.755±167.41E, h128km, MLV4.7/13, Vanuatu Islands

ISC 02 06:51:50.8±1.4, 14.93±0.1±167.5±0.2, h150km, n15, ±1939/16, mb3.6/5, Vanuatu Islands

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

TAP 02 06:52:06.3, 24.69N±121.81E, h13km±1km, ML1.1, B, Taiwan

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

2018 SEP

Table with columns: TIPP, Shuangxi, 0.28, 2 eP, Pb, 06 52 13.3 +0.1, etc. Includes stations like Datong, Datong Townshi, etc.

SJA 02 06:56:10.3±0.6, 2.180S±68.36W, h151km±5km, ML4.5, Mw4.3

VAO 02 06:56:11.0±0.3, 2.164S±68.36W, h99km±4km, mb4.9, IDC 02 06:56:13.2±0.7, 2.183S±68.19W, h112km±7km, mb3.9/11, mbmp4.2/15, Error ellipse: s-maj=17.2km s-min=12.9km az=117.0

GUC 02 06:56:13.5±0.6, 2.183S±68.59W, h121km±6km, ML4.4, NEIC 02 06:56:13.2±2.5, 2.183S±0.05±68.49W±0.08, h129km±7km, mb4.5/15, Mw4.4(GUC), Error ellipse: s-maj=11.1km s-min=5.8km az=67.0

ISC 02 06:56:12.4±0.5, 2.178S±0.03±68.37W±0.04, h119km±5km, n149, ±1866/167, mb4.1/15, 6C-33, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like PB09, LVC, Limon Verde, etc.

TA01 Diego Aracena, 2.08 305 Pn, 06 56 47.2 +0.4, TA01 Diego Aracena, 2.08 305 eS, 06 57 13.6 +0.4, TA01 Diego Aracena, 2.08 305 eS, 06 57 43.4 +0.4

TA01 Diego Aracena, 2.08 305 eS, 06 56 47.1 +0.4, TA01 Diego Aracena, 2.08 305 eS, 06 57 12.2 -1.0, TA01 Diego Aracena, 2.08 305 eS, 06 57 14.1

TA02 Huaiquique, 2.23 312 Pn, 06 56 49.2 +0.5, TA02 Huaiquique, 2.23 312 eS, 06 56 49.2 +0.5, TA02 Huaiquique, 2.23 312 eS, 06 57 25.2

GO01 Chuzmiza, 2.24 340 eP, 06 56 51.4 +2.0, GO01 Chuzmiza, 2.24 340 eS, 06 56 51.4 +1.5, GO01 Chuzmiza, 2.24 340 eS, 06 57 20.0 +2.5, GO01 Chuzmiza, 2.24 340 eS, 06 56 51.2 +1.9, GO01 Chuzmiza, 2.24 340 eS, 06 57 19.9 +2.5, GO01 Chuzmiza, 2.24 340 eS, 06 57 22.4

YJA Yavi, 2.67 99 eS, 06 56 53.3 -1.6, YJA Yavi, 2.67 99 eS, 06 57 28.8 +1.3, YJA Yavi, 2.67 99 eS, 06 56 58.5 +3.6, YJA Yavi, 2.67 99 eS, 06 57 32.8 +5.4, PX02 IPOC Station P, 3.29 328 eP, 06 57 02.5 -0.1, PX02 IPOC Station P, 3.29 328 eP, 06 57 44.3

PB14 IPOC Station P, 3.40 213 Pn, 06 57 04.0 -0.2, PB14 IPOC Station P, 3.40 213 eS, 06 57 03.7 -0.5, PB14 IPOC Station P, 3.40 213 eS, 06 57 43.4 -0.8, PB14 IPOC Station P, 3.40 213 eS, 06 57 54.3 -0.8

PB14 IPOC Station P, 3.40 213 Pn, 06 57 04.2 -0.2, PB14 IPOC Station P, 3.40 213 eS, 06 57 42.2 -2.1, PB14 IPOC Station P, 3.40 213 eS, 06 57 55.0

GO02 Mina Guanaco, 3.55 198 Pn, 06 57 06.1 -0.2, GO02 Mina Guanaco, 3.55 198 eS, 06 57 06.1 -0.2, GO02 Mina Guanaco, 3.55 198 eS, 06 57 47.8 -0.1, GO02 Mina Guanaco, 3.55 198 eS, 06 57 06.1 -0.2, GO02 Mina Guanaco, 3.55 198 eS, 06 57 46.2 -1.7, AP01 Chacalluta, 3.87 331 eS, 06 57 33.1 -1.5, AZAP Zapla, 3.89 129 eP, 06 57 08.0 -2.7, PB18 Visiviri, 4.04 346 eP, 06 57 22.1 +5.7, AC01 Pan de Azucar, 4.81 205 Pn, 06 57 21.0 -1.9, AC01 Pan de Azucar, 4.81 205 eS, 06 57 20.9 -1.9, AC01 Pan de Azucar, 4.81 205 eS, 06 58 12.8 -4.6, AC01 Pan de Azucar, 4.81 205 eS, 06 58 32.5

AC01 Pan de Azucar, 4.81 205 eS, 06 57 20.9 -1.9, AC01 Pan de Azucar, 4.81 205 eS, 06 58 12.8 -4.6, AC01 Pan de Azucar, 4.81 205 eS, 06 58 32.5, AC01 Pan de Azucar, 4.81 205 eS, 06 57 20.9 -1.9, AC01 Pan de Azucar, 4.81 205 eS, 06 58 12.8 -4.6, AC01 Pan de Azucar, 4.81 205 eS, 06 58 32.5

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Table with columns: FDFP, Filadelfia, 7.83 95 eP, Pn, 06 58 02.4 -1.1, etc. Includes stations like CO01, CO05, etc.

SAO 02 06:56:12.4±0.5, 2.178S±0.03±68.37W±0.04, h119km±5km, n149, ±1866/167, mb4.1/15, 6C-33, Chile-Bolivia border region

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ASAR	comp=2.0,3nm,0.8s,baz=180,slow=0.9,SNR=1.9	pPKP	pPKPdf	07 15 43.9 +1.8
WRA	Warramunga Arr 132.97 210 PKP	PKIKP		07 15 15.8 +0.1
WRA	comp=2.0,8nm,0.6s,baz=157,slow=1.8,SNR=2.0	pPKP	pPKPdf	07 15 49.7 +1.7
MKAR	Makanchi Array 145.56 37 PKPbc	PKPab		07 15 38.7 +1.4

IDC 02 07:00:03.5:2.2.6.72S:128.71E,h0km,mb3.7/1, mbmp3.8/2, Error ellipse: s-maj=146.2km s-min=31.9km az=67.0, Banda Sea

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr 14.23 158 Pn		Op	07 03 26.0 -0.5	
WRA	comp=2.0,3nm,0.8s,baz=340,slow=1.3,SNR=2.9		Op		
ASAR	Alice Springs 17.57 164 P		Op	07 04 10.3 +0.3	
ASAR	comp=1.1nm,0.3s,baz=336,slow=9.7,SNR=7.2		Op		
MKAR	Makanchi Array 67.30 327 P		Op	07 11 00.2 0.0	
MKAR	comp=0.4nm,0.5s,baz=119,slow=7.7,SNR=5.1		Op		

IDC 02 07:14:38.4:3.7.4.17S:153.01E,h0km,mb3.7/2, mbmp3.8/2, Error ellipse: s-maj=160.0km s-min=50.5km az=120.0, New Ireland region

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr 24.02 228 P		Op	07 19 54.6 -0.6	
ASAR	Alice Springs 26.75 222 P		Op	07 20 20.7 +0.7	
TORD	Torodi Ar. Bea 150.30 289 PKPbc		Op	07 34 32.2 -0.6	
TORD	comp=0.3nm,0.4s,baz=50,slow=2.8,SNR=3.3		Op		

IDC 02 07:18:01.7:3.9.5.63S:151.92E,h0km,mb3.8/2, mbmp3.8/2, Error ellipse: s-maj=149.3km s-min=53.2km az=119.0, New Britain region

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr 22.24 229 P		Op	07 22 59.4 -0.9	
ASAR	Alice Springs 24.95 222 P		Op	07 23 27.6 +0.6	
TORD	Torodi Ar. Bea 149.72 286 PKPbc		Op	07 37 54.2 -0.5	
TORD	comp=0.2nm,0.3s,baz=72,slow=4.4,SNR=2.2		Op		

IDC 02 07:43:33.8:0.8.28'05N:129'58E,h0km,mb3.9/11, mbmp3.9/12,ML3.6/1,MS3.2/6, Error ellipse: s-maj=28.9km s-min=16.5km az=90.0

NIED 02 07:43:37.1,28'04N:129'37E,h23km,MW4.0,Moment Tensor Solution. s3 Moment tensor: Scale 10¹⁹Nm; Mn=-0.89; Mse0.90; Mxx=0.07; Mxx0.46; Mxx-0.36; Mxy=0.27; Fault plane solution: Mo1.10000x10¹⁵ NP1: 0.295.00000°, 860.00000°, -84.00000°; NP2: 0.103.00000°, 631.00000°, -1.101.00000°

JMA 02 07:43:37.1:0.2.28'N:151'12'E,h23km,3km,MD4.0/25, MW4.1/25,NEAR AMAMI-OISHIMA ISLAND
JMA Feil II at NEAR AMAMI-OISHIMA ISLAND
NEIC 02 07:43:39.0:9.9.27'86N:106'129.45E,h36km,9km, mb4.3/9, Error ellipse: s-maj=10.1km s-min=4.2km az=151.0

ISC 02 07:43:35.0:1.3.27'96N:102'129.43E,0.04,h4km,8km, n73,0'1538'71,mb4.2/19,MS3.2/4,Ryukyu Islands

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC
JAMN	Amaminishikomi 0.36 322 A		Op	07 43 43.5 -0.4	
JAMN	comp=1.61nm,0.2s,comp=1.42nm,0.2s		Op		
JTK	Tokunoshima 0.46 248 A		Op	07 43 46.1 +0.6	
JTK	comp=E,14nm,0.9s,comp=2.4nm,0.9s		Op		
JAM	Amami Oshima 0.47 19 P		Op	07 43 45.5 -0.5	
JAM	comp=E,13nm,0.6s,comp=1.25nm,0.6s		Op		
JZK	Kikaishima 0.60 54 A		Op	07 43 49.1 +1.1	
JZK	comp=E,13nm,0.6s,comp=1.25nm,0.6s		Op		
JZK	Kikaishima 0.60 54 A		Op	07 43 59.1 +2.3	
JZK	comp=E,3.3nm,0.2s,comp=50.9nm,0.8s		Op		
JOKE	Okinoerabujima 0.97 232 P		Op	07 43 55.0 +0.7	
JOKE	comp=1.1nm,0.3s,comp=1.1nm,0.3s		Op		
JTAJ	Takarajima 1.20 351 A		Op	07 43 56.5 -1.5	
JTAJ	comp=1.0nm,1.8s,comp=1.9nm,1.3s		Op		
JYRO	Yoronjima 1.27 223 P		Op	07 44 00.2 +0.6	
JYRO	comp=1.0nm,1.8s,comp=1.9nm,1.3s		Op		
JYOW	Kunigami 1.52 223 P		Op	07 44 16.2 +0.3	
JYOW	comp=N,306nm,0.3s,baz=107,slow=23,SNR=649		Op		
JOW	comp=1.145nm,0.3s,baz=131,slow=20,SNR=4.7		Op	07 44 23.6 +0.3	
JOW	comp=N,199nm,21.2s,baz=297,slow=30		Op		
JOW	Kunigami 1.52 223 P		Op	07 44 04.5 +0.3	
JJH	Iheya 1.59 235 P		Op	07 44 23.6 +0.3	
JJH	Iheya 1.59 235 A		Op	07 44 04.5 +0.6	
JJH	comp=E,3.0nm,1.2s,comp=3.0nm,1.2s		Op		
JNTH	Nagotochihara 1.91 221 P		Op	07 44 09.8 -0.5	
JNN	Nakanoshima 1.91 12 P		Op	07 44 07.1 -1.3	
JNN	Nakanoshima 1.91 12 A		Op	07 44 07.1	
JJTS	Tamagusuku3 2.33 219 Pn		Op	07 44 15.5 +1.4	
JAGN	Aguni-ima 2.38 225 Pn		Op	07 44 15.5 +0.9	
JYAK	Yakushimahirau 2.46 222 Pn		Op	07 44 16.0 +0.1	
KJJD	Kidatidatoujima 2.61 140 Pn		Op	07 44 17.5 -0.4	
KJJD	comp=N,1.5nm,0.3s,comp=1.3nm,1.3s		Op		
JMZ	Minamidaito 2 2.67 143 Pn		Op	07 44 18.6 +0.9	
JMZ	comp=N,1.68nm,18.8s,baz=172,slow=43		Op		
JMN	Monobe 6.91 33 Pn		Op	07 45 17.1 +0.1	
YHNB	Yeheng 7.93 247 Pn		Op	07 45 32.4 +1.2	
NACB	Ninganchiao 7.99 244 Pn		Op	07 45 30.9 -1.0	
SSLB	Suangling 8.65 249 Pn		Op	07 45 38.9 -1.6	
KSR5	Kong Aroy 9.55 353 Pn		Op	07 45 56.5 +3.3	
KSR5	comp=N,0.1nm,0.3s,baz=176,slow=15,SNR=5.1		Op		
KSR5	LR		Op	07 49 43.9	
MJAR	comp=N,157nm,18.1s,baz=170,slow=39		Op		
MJAR	Natsushiro Arr 11.33 39 Pn		Op	07 46 20.2 +2.6	
BJT	Bajitlauau 16.27 321 Pn		Op	07 47 26.8 -0.7	
ASAJ	Asahikawa 19.28 30 P		Op	07 47 59.6 -1.1	
ASAJ	comp=N,0.3nm,0.3s,baz=264,slow=6.7,SNR=6.5		Op		
JKA	Kamikawa-asahi 19.28 30 P		Op	07 47 59.9 -0.8	
GUMO	Guam 20.29 132 LR		Op	07 54 15.8	
KLR	comp=N,49nm,21.6s,baz=257,slow=32		Op		
KLR	Kul dur 21.29 4 P		Op	07 48 20.7 -2.0	
KLR	comp=N,0.4nm,0.3s,baz=260,slow=6.1,SNR=2.2		Op		
CMAR	Chiang Mai Arr 29.50 258 PpP		Op	07 52 46.6 +0.5	
PETK	Petropavlovsk-32.67 32 LR		Op	08 04 12.8	

H1N2	WAKE ISLAND Hy 35.13 95 T		Op	08 27 41.6	
H1N2	comp=2.0,3nm,0.8s,baz=262,slow=38		Op		
H1N1	WAKE ISLAND Hy 35.13 95 T		Op	08 27 40.4	
H1N1	comp=2.0,3nm,0.8s,baz=262,slow=38		Op		
H1N3	WAKE ISLAND Hy 35.13 95 T		Op	08 27 41.6	
H1N3	comp=2.0,3nm,0.8s,baz=262,slow=38		Op		
H1S3	WAKE ISLAND Hy 35.40 97 T		Op	08 28 09.8	
H1S3	comp=2.0,3nm,0.8s,baz=262,slow=38		Op		
H1S1	WAKE ISLAND Hy 35.40 97 T		Op	08 28 05.2	
H1S1	comp=2.0,3nm,0.8s,baz=262,slow=38		Op		
H1S2	WAKE ISLAND Hy 35.41 97 T		Op	08 28 03.9	
H1S2	comp=2.0,3nm,0.8s,baz=262,slow=38		Op		
MKAR	Makanchi Array 41.21 310 P		Op	07 51 21.4 +0.5	
MKAR	comp=1.1,5nm,0.7s,baz=96,slow=11,SNR=6.9		Op		
ZALV	Zalesovo Beam 41.54 321 P		Op	07 51 26.9 +3.4	
ZALV	comp=1.1,2nm,0.6s,baz=109,slow=9.5,SNR=3.6		Op		
TIXI	Tiksi 47.33 360 LR		Op	08 10 20.9	
TIXI	comp=N,54nm,19.2s,baz=62,slow=37		Op		
KURBB	Kurchatov Arr 44.36 315 P		Op	07 51 48.7 +2.4	
KURBB	comp=N,0.9nm,0.3s,baz=102,slow=6.8,SNR=7.7		Op		
WRA	Warramunga Arr 47.86 174 P		Op	07 52 13.6 -0.6	
WRA	comp=N,1.3nm,0.9s,baz=348,slow=8.7,SNR=9.0		Op		
WB2	Warramunga Arr 47.86 174 P		Op	07 52 12.0 -2.1	
WB2	comp=N,1.3nm,0.9s		Op		
KKAR	Kararay Array 49.30 304 P		Op	07 52 25.3 +0.1	
BVAR	Borovoye Array 49.71 317 P		Op	07 52 30.9 +2.8	
ASAR	Alice Springs 51.51 175 P		Op	07 52 45.2 +0.5	
ASAR	comp=2.0,8nm,0.8s,baz=5.6,slow=14,SNR=11		Op		
E19K	Redstone River 58.12 26 P		Op	07 53 00.0 +0.6	
E19K	comp=2.0,8nm,0.8s		Op		
E21K	Killik River 59.29 25 P		Op	07 53 38.7 +0.5	
G21K	Allakaket 59.56 27 P		Op	07 53 40.5 +1.1	
G21K	comp=2.1,7nm,0.7s		Op		
D22K	Ayiyak River 59.87 24 P		Op	07 53 42.1 +0.6	
E22K	Anaktuvuk Pass 60.20 25 P		Op	07 53 44.2 +0.4	
E22K	comp=2.1,7nm,0.7s		Op		
ILAR	Eielson Array 62.41 29 P		Op	07 53 57.1 -1.7	
ILAR	comp=2.0,4nm,0.8s,baz=278,slow=7.1,SNR=3.5		Op		
KBZ	Khabz 68.89 309 P		Op	07 54 41.1 +0.1	
KBZ	comp=2.5,2nm,1.0s,baz=24,slow=10.0,SNR=3.0		Op		
FINES	FINES5 Array 71.89 330 P		Op	07 54 57.8 -1.1	
FINES	comp=2.1,0nm,0.7s,baz=55,slow=4.9,SNR=9.5		Op		
AKASO	Malin Array Be 74.91 320 P		Op	07 55 16.2 -0.8	
AKASO	comp=2.1,7nm,0.7s,baz=62,slow=6.3,SNR=3.3		Op		
BRTR	Keskin Array B 76.81 308 P		Op	07 55 27.9 -0.6	
BRTR	comp=2.1,4nm,1.1s,baz=58,slow=3.6,SNR=2.9		Op		
NB2	NORSAR Subarra 78.23 334 P		Op	07 55 35.0 -0.7	
NB2	comp=2.2,8nm,1.0s,baz=54,slow=5.3		Op		
NOA	NORSAR Array B 78.23 334 P		Op	07 55 34.6 -1.1	
NOA	comp=2.1,3nm,0.8s,baz=51,slow=5.5,SNR=2.2		Op		
NOA	comp=2.14nm,19.2s,baz=270,slow=40		Op		
BURAR	Bucovina Array 78.67 318 P		Op	07 55 38.4 0.0	
BURAR	comp=2.1,8nm,0.8s		Op		
GERES	GERES Array B 84.46 323 P		Op	07 56 09.3 +0.2	
GERES	comp=2.1,1nm,0.8s,baz=330,slow=5.2,SNR=2.0		Op		

IDC 02 08:05:08.6:2.2.2.18S:179'79E,h535km,21km,mb3.0/7, mbmp4.0/9, Error ellipse: s-maj=25.2km s-min=18.3km az=151.0

ISC 02 08:05:06.1:0.8.24'4S:0'180'0E,0.1,h500km,n12, 0'195/13,mb3.5/7,South of Fiji Islands

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC
MSVF	Nonsavu 6.90 345 P		Op	08 06 52.4 +0.8	
MSVF	comp=2.7nm,0.4s,baz=108,slow=24,SNR=6.9		Op		
DZM	Mont Dumac 12.65 278 P		Op	08 07 53.4 +1.7	
DZM	comp=2.6nm,0.7s,baz=208,slow=20,SNR=14		Op		
URZ	Urewera 13.19 189 P		Op	08 08 06.0 +0.4	
URZ	comp=2.0nm,0.8s,baz=137,slow=19,SNR=1.5		Op		
STKA	Stevens Creek 34.50 249 P		Op	08 11 17.7 -0.2	
STKA	comp=1.1nm,0.5s,baz=81,slow=13,SNR=5.5		Op		
ASAR	Alice Springs 41.92 261 P		Op	08 12 11.7 -0.9	
ASAR	comp=0.7nm,0.4s,baz=94,slow=7.0,SNR=14		Op		
WRA	Warramunga Arr 42.34 267 P		Op	08 12 14.7 -1.2	
WRA	comp=2.1nm,0.5s,baz=97,slow=8.3,SNR=4.3		Op		
WRA	comp=1.1nm,1.0s,baz=96,slow=4.4,SNR=4.9		Op		
GSPA	Sau Pole Qui 65.65 180 P		Op	08 15 01.5 +1.4	
GSPA	comp=2.0nm,0.8s,baz=39,slow=9.9,SNR=8.1		Op		
SNAA	Sanae 84.13 179 P		Op	08 16 43.3 -0.4	
SNAA	comp=1.6nm,1.2s,baz=198,slow=13,SNR=6.9		Op		
NVAR	Mina Array Bea 85.16 144 P		Op	08 16 49.4 0.0	
NVAR	comp=0.3nm,0.8s,baz=229,slow=8.2,SNR=2.2		Op		
TXAR	Lajitas Array 90.74 58 P		Op	08 17 16.2 +0.5	
TXAR	comp=				

2018 SEP

2d 11h

Table of astronomical observations for 2d 11h, listing station names, codes, and various parameters like time, residuals, and station names.

Main table of astronomical observations for 2018 SEP, listing station names, codes, and various parameters like time, residuals, and station names.

Table of astronomical observations for 2018 SEP, listing station names, codes, and various parameters like time, residuals, and station names.

DJA 02 11:30:57.0±0.5, 3°S:4'±10'2E, h156km±6km, M4.6/8, mb4.7/3, MLV4.5/8
NEIC 02 11:30:58.9±1.1, 2°6S:0'±10'2E, h151km±10km,

0.3nm,0.7s
TORO Torodi Ar. Bea 82.06 77 P
0.4nm,0.5s,baz=286,slow=6.5,SNR=4.1
0.4nm,0.5s

TAP 02 12:04:39.3,23°54'N,121°91'E,h34km,ML3.1,C
JMA 02 12:04:39.5,0.1,23°6'N,0.5,12°2'E,h39km,4km,
MV2.7/13,TAIWAN REGION
ISC 02 12:04:37.8,1.0,23°55'N,0.02,121°96'E,0.02,h12km,9km,
n113,009/167,1D,Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists various stations like TEGC, SHUL, TEYL, etc.

Table with columns: TWC, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists various stations like Suao, Yuchi, Beigang, etc.

Table with columns: KNMB, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists various stations like Chin-men Tao, Lovozero, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains earthquake data for stations like San Joaquin, CCRS, AQDB, AMBA, etc.

NAO 02 13:03:25.4-3.1, 65.55N; 0.57W, ML3.3
BER 02 13:03:28.2-2.4, 65.58N; 0.50W, h10km, ML2.3
ML3.3(NAO), Confirmed Earthquake
REY 02 13:03:34.6, 65.64N; 2.47W, h10km
ISC 02 13:03:24.0, 65.65N; 0.05E; 0.60W; 0.05, h10km, n54,
#295/83, Norwegian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains earthquake data for stations like SOFL, MOL, MOLE, FOO, AKN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains earthquake data for stations like FAUS, IMKO, IMEL, STEI, IKRE, etc.

TEH 02 13:04:12.5, 34.38N; 45.56E, h8km, 33km, ML2.8
ISC 02 13:04:16.1, 34.33N; 45.57E, h28km, 9km, ML2.8
ISC 02 13:04:13.2-1.2, 34.44N; 0.04E; 45.66E; 0.04, h8km; 11km,
n16, #097/18, I, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains earthquake data for stations like KGSJ, GLGI, IDHR, IGHG, etc.

IDC 02 13:04:60.0, 2.6, 21.53S; 169.39E, h0km, mb3.9/3,
mbtmt3.8/3, ML1.1, Error ellipse: s-maj=226.7km
s-min=33.8km az=165.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains earthquake data for stations like DZM, ASAR, WRA, etc.

IDC 02 13:14:32.6, 0.7, 6.14S; 142.78E, h0km, mb4.1/12,
mbtmt4.2/14, ML2.2/1, MS3, 7/21, Error ellipse:
s-maj=30.3km s-min=16.1km az=75.0
NEIC 02 13:14:36.4, 1.6, 6.18S; 0.08E; 142.4E; 0.1, h28km, 6km,
mb4.6/21, Error ellipse: s-maj=14.7km s-min=11.2km
az=85.0
DJA 02 13:14:38.0, 4.0, 6.3S; 3.14E; 2E, h51km, 7km, M4, 9/14,
mB5.1/5, mb4.6/14, MLV5.2/5, Mw(mb)4.4/5
ISC 02 13:14:37.1, 0.5, 6.35S; 0.05E; 142.45E; 0.06, h35km, n82,
#189/66, mb4.6/23, MS3/8/19, I, New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains earthquake data for stations like TABU, MMPI, JAY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains earthquake data for stations like SAUI, KDU, BNDI, MTN, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for KRSR Korea Array, WRA Warramunga Arr, BVAR Borovoye Array, FINES FINESS Array B.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for NOU 02 14:03:30.0,22:01S,169:81E, h0km, ML3.7/9, Southeast of Loyalty Islands, Southeast of Loyalty Islands.

IDC 02 14:09:16.9, 1.2, 23:29N, 143:69E, h0km, mb3.7/8, mbmp3.7/8, MS2.9/1, Error ellipse: s-maj=45.4km s-min=20.9km az=80.0

ISC 02 14:09:21.6, 1.2, 23:30N, 143:7E, 0.3, h31km, n9, o556/8, mb3.8/8, Volcano Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for ASAJ Asahikawa, WRA Warramunga Arr, ASAR Alice Springs, ZALV Zalesovo Beam, MKAR Makanchi Array, KURB Kurchatov Array, ILAR Eielson Array, BVAR Borovoye Array, FINES FINESS Array B.

NOU 02 14:11:16.5, 22:04S, 168:91E, h0km, MLV3.1/7, New Caledonia, New Caledonia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for MARNC Mare, Loyalty, PINNC Pines Island, YATNC Mamie plateau, LIFNC LIFOU, DZM Mont Dzumac, ONTNC Ouen Toro, NOUC Port Laguerre, NOUC Port Laguerre.

IDC 02 14:26:16.8, 0.6, 55:48S, 27:70W, h0km, mb4.5/10, mbmp4.5/11, ML4.4/1, MS3.8/28, Error ellipse: s-maj=22.9km s-min=17.7km az=73.0

NEIC 02 14:26:18.2, 1.3, 55:53S, 0:06, 27:9W, 0.2, h10km, 1km, mb5.0/23, Error ellipse: s-maj=20.1km s-min=2.9km az=58.0

GCMT 02 14:26:22.0, 0.3, 55:75S, 0:03, 28:06W, 0.05, h20km, 1km, MW4.9/87, Moment Tensor Solution, s28, c31, s87, c109; Duration: 0 Moment tensor: Scale 10^10Nm; Mrr: 1.95E+18; Mtr: 1.63E+22; Best double couple: M2: 7.020000, 1016 NP1: 0.187, 00000, 0.64, 00000, -120, 00000, NP2: 0.59, 00000, 0.838, 00000, -1, 44, 00000. Principal axes: T 2.6550, P1g1 4.0000, Azm298.0000, N 0.2750, P1g26.0000, Azm20.0000, P -2.9270, P1g69.0000, Azm53.0000; nsta1 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 02 14:26:20.1, 0.4, 55:54S, 0:08, 27:90W, 0.09, h26km, n87, o584/62, mb4.8/17, MS3.9/26, 5C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for HOPE Hope Point, ESPZ Base Esperanza, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA2 Sanae, SNA3 Sanae, PMSA Palmer Station, TROLL Troll, Antart, BELA Belgrano, TRQA Torquist, QSPA South Pole Qui, QSPA South Pole Qui, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, CPUP Talagante, MT09 Talagante.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for MT01 Popeta, MT02 Curacav, CO01 Juntas del Tor, MAW Mawson, MAW Mawson, SUR Sur, BDFB Brasilia, GO02 Mina Guanaco, GRHM Grahamstown, BOS Limon Verde, BOS Boshof, BOS Boshof, BOS Boshof, PB01 IPOC Station P, PTBL Pontes e Lacer, SIV San Ignacio, H10S2 ASCENSION HYDR475, H10S3 ASCENSION HYDR474, H04S2 CROZET ISLANDS 48, H04S3 CROZET ISLANDS 48, H04S1 CROZET ISLANDS 48, H10N1 ASCENSION HYDR48, H10N2 ASCENSION HYDR48, LBTB Lobatse, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, SAML Samuel, CASY Casey, NNA Nana, ATAH Atauhalu, RPN Rapa Nui, BOAV Boa Vista, MDP Montagnes des, DBIC Dibinkro, DBIC Dibinkro, ROSC El Rosal, PCRV Puerto La Cruz, BAUV El Baul, BAUV Torodi Arr, TORO Torodi Arr, SDV Santo Domingo, KMBO Kilima Mbojo, SJG San Juan, FURI Furi, MTO3 Montecristo, MTO3 Montecristo, NWA0 Nariroji (SRO), MDT Midelt, STKA Stephens Creek, ESCD Sonseca Array, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, PDAR Pinedale Array, FINES FINS Array B, ARCAS ARCESS Array B, BVAR Borovoye Array, YKA Yellowknife Arr, ZALV Zalesovo Beam, H30M Minto, Yukon, H31M Peil River, INK Inuvik, I30K Mount Dempster, K25M Barlow Dome, DAWY Dawson, M27K Edge Creek, ACAR Beaver Creek, L27K Beaver Creek, K27K Chicken, I26K Coal Creek Min, ILAR Eielson Array, SONM Songoing Array, MLY Maly, K20K Telida, TRN 02 14:28:07.5, 19:14N, 62:26W, h55km, MD3.6, Far North-east of the Anguilla, Leeward Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for TBG Arcicbo Observ, AOPR Arcicbo Observ, IDC 02 14:32:13.6, 2.1, 33:62N, 26:36E, h0km, mb3.6/2, mbmp3.5/4, ML0.4/1, Error ellipse: s-maj=49.5km s-min=24.9km az=18.0, ISC 02 14:32:17.3, 1.6, 33:33N, 0:26, 5E, 0.2, h35km, n6, o394/8, mb3.4/3, Eastern Mediterranean Sea

NEIC 02 14:51:09.5, 1.4, 57:29S, 0:07, 25:4W, 0.2, h35km, 2km, mb4.4/8, Error ellipse: s-maj=17.6km s-min=1.19km az=107.0

IDC 02 14:51:12.9, 9.7, 57:22S, 24:75W, h75km, 73km, mb3.6/4, mbmp3.5/ML3.8/1, Error ellipse: s-maj=46.1km s-min=24.4km az=61.0

ISC 02 14:51:05.6, 0.8, 57:22S, 0:15, 25:1W, 0.2, h10km, n19, o119/19, mb4.1/6, 4C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, SNA2 Sanae, SNA3 Sanae, SNA4 Sanae, TROLL Troll, Antart, BELA Belgrano, G009 Cerro Castillo, QSPA South Pole Qui, QSPA South Pole Qui, BDFB Brasilia, LVC Limon Verde, LPAZ La Paz, LPAZ La Paz, BOAV Boa Vista, BOAV Boa Vista, TORO Torodi Arr, SONM Songoing Array, ILAR Eielson Array.

IDC 02 14:51:46.2, 2.2, 54:61N, 168:98E, h0km, mb3.2/2, mbmp3.2/3, ML2.9/1, MS2.6/1, Error ellipse: s-maj=10.9km s-min=26.4km az=164.0

KRSC 02 14:51:49.8, 1.0, 54:07N, 168:45E, h20km, 19km, ML3.9, ISC 02 14:51:49.2, 1.4, 54:22N, 0:1, 169:04E, 0.09, h25km, n23, o157/20, Kambuzita Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for BKI Bering, BZG Bezymannyi-Gr, TUMD Tumrod K, BZM Bzymannaya, TUMR Tumorok, KRER Koryakskii, ESO Esso, ACHA Acha, KRX Arik, KOK Koryaka, GNL Ganala, KMRM Karymshinsky, GRU Gorely, PETK Petropavlovsk, MA2 Magadan, ILAR Eielson Array, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, TXAR Lajitas Array.

IDC 02 14:53:37.6, 2.4, 10:81S, 124:25E, h0km, mb3.4/1, mbmp3.6/3, ML3.8/2, Error ellipse: s-maj=237.0km s-min=33.3km az=53.0

ISC 02 14:53:43.3, 1.0, 10:93S, 0:09, 124:4E, 0.1, h35km, n12, o251/14, Timor region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for SOEI Soe, MMRI Mariner, DRS Dunbar Rock St, MTN Manton Dam, KDU Kakadu, MBWA Marble Bar, PSA00 Pilbara Seismi, WRA Warramunga Arr, WRA Warramunga Arr, WRKA Warakura, ASAR Alice Springs.

2d 18h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like J26L Joseph Creek, BCAR Beaver Creek, D23K Nanushuk River, etc.

2018 SEP

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like KURBB Kurchatov Ar, S34M Telegraph Cree, S34M Telegraph Cree, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like JAVC Velka Javorina, VRAC Vranov, PQUI Presque Isle, etc.

ICC 02 18:10:39.71, 7.671S; 130.76E, h0Kmm, mb3.9/6, mbmpa/0.8, ML4.4/2, Error ellipse: s-maj=109.7km s-min=28.0km az=70.0

DJA 02 18:10:51.3, 0.2, 7.7, 131.1E, h125km, 4km, M4, 4/16, mb4.87, mb4.4/16, ML4.6/15, MW(mb)4.1/7

ISC 02 18:10:50.2, 0.6, 6.895S; 0.05, 130.65E; 0.08, h78km, n41, e2:15/41, mb3.8/6, Banda Sea

Table with columns for Code, Station Name, Azimuth, Phase ID, Time Res, and other details. Includes stations like SAUI Saumlaki, BANI Bandanaira, MSAI Masohi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like COEN Coen, QIS Mount Isa, ASAR Alice Springs, etc.

GUC 02 18:12:11.6:0.9,28:33S:70:51W,h79km,4km,ML4.5
SJA 02 18:12:11.5:0.6,28:31S:70:59W,h85km,3km,ML4.3,
MW4.3

NEIC 02 18:12:11.7:1.8,28:27S:0:03:70:71W,1:0, h96km,5km,
mb4.5/10,Mw1.45(GUC),Error ellipse: s-maj=12.2km
s-min=3.7km az=88.0

IDC 02 18:12:12.3:0.6,28:25S:70:40W,h80km,3km,mb4.0/7,
mbtmp4.3/10,MS2.8/2,Error ellipse: s-maj=22.1km
s-min=11.4km az=100.0

VAO 02 18:12:13.6:1.5,27:30S:69:84W,h10km,mb4.2
ISC 02 18:12:11.4:0.4,28:29S:0:02:70:57W,0:04,h83km,3km,
h84km:pp-P,n111,0:1989/158,mb4.4/11,12C-12Z,Central
Chile

Main table of station data for the left column, including station names like AC04 Llanos de Chal, AC05 El Transito, LCO Las Campanas, etc.

Main table of station data for the middle column, including station names like RTLS Leoncito, SJA San Juan, SJA SJA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like WRA comp=Z,0.7nm,0.5s,baz=163,slow=1.7,SNR=12, etc.

NAO 02 18:22:42.2:2.6,73:19N:7:15E,ML3.1
BER 02 18:22:46.8:3.2,73:20N:7:56E,h10km,mb(Pn)4.0,
ML3.1(NAO),Confirmed Earthquake
ISC 02 18:22:46.5:1.5,73:15N:0:07:7:9E:0:11,h10km,n34,
c250/24,Greenland Sea

Main table of station data for the right column, including station names like BJO1 Bjornoya, TRO Tromso, ZALV Zalesovo Beam, etc.

IDC 02 19:28:26.2:2.0,4:80S:151:87E,h0km,mb3.5/3,
mbtmp3.6/4,ML1.7/1,Error ellipse: s-maj=138.7km
s-min=26.4km az=127.0,New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Code Station Name, Az, AZ, Phase ID, etc.

IDC 02 19:29:50.4:1.7,3:30N:123:90E,h430km,19km,mb3.4/18,
mbtmp4.1/18,Error ellipse: s-maj=20.8km s-min=8.9km
az=73.0

NEIC 02 19:29:50.7:1.6,3:23N:0:07:123:9E:0:1,h426km,8km,
mb4.3/35,Error ellipse: s-maj=18.0km s-min=5.7km
az=58.0

DJA 02 19:29:51.0:3.3,3:1N:3:12:4E,h403km,3km,ML4.3/19,
mb2.6/7,mb4.5/19,ML4.6/15,Mw(B)3.8/7
ISC 02 19:29:51.0:4.1,3:21N:0:05:123:9E:0:08,h426km,n97,
c154/108,mb4.1/37,Celebes Sea

Main table of station data for the right column, including station names like KMSI Cibinong, KMSI Gorontalo, GTOI Kota Kinabalu, etc.

2d 20h

Table of station data for the 2d 20h period, including station names, coordinates, and various parameters like SNR and time.

2018 SEP

Main table of station data for 2018 SEP, listing stations like TXAR, MSFV, STKA, WRA, ASAR, etc., with their respective coordinates and parameters.

92

Table of station data for the 92 period, including stations like SHO, SHK, YUK, NEM, JRA, etc., with their coordinates and parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SABU Mula-Dalaman, FETY Fethiye, AYDB DENIZLI Tavas, etc.

JMA 02:20:27.04.7.0.2.43.1N.0.7.13.9E, h205km,1km, MV3.3/34, NW OFF SHAKOTAN PEN

ISC 02:20:27.04.6.1.0.43.14N.139.30E, h203km,9km, mb3.4/15, mbtmp3.9/19, Error ellipse: s-maj=12.2km s-min=10.2km

ISC 02:20:27.04.6.0.7.43.14N.0.06.139.39E.0.07, h207km,6km, n45, c078/60, mb3.8/15, Eastern Sea of Japan

Main table of station data for the first section, including codes like JSH, JHST, JHSK, etc., and station names like Shimam, Hiyamasetana, Shakotan, etc.

IDC 02:20:37.44.1.3.0.73.08N.6.45E, h0km, mb3.2/1, mbtmp3.3/6, ML2.6/5, MS2.8/2, Error ellipse: s-maj=45.8km s-min=23.1km az=92.0

ISC 02:20:37.47.3.1.6.73.22N.0.11.73.9E.0.02, h10km, n7, c18/85/7, Greenland Sea

Table of station data for the second section, including codes like SPITS, ARCES, NOA, etc., and station names like Spitsbergen Ar, ARCES Array B, etc.

IDC 02:20:55.17.7.0.9.0.66N.125.92E, h0km, mb3.8/8, mbtmp3.9/8, MS3.3/1, Error ellipse: s-maj=92.9km

s-min=16.7km az=66.0, DJA 02:20:55.19.7.0.2.1.1N.2.12.6E, h10km, M4.0/14, mb4.3/2, vL3.9/14

ISC 02:20:55.23.2.0.8.0.79N.0.07.126.28E.0.04, h35km, n18, c149/21, mb4.0/8, Northern Molucca Sea

Table of station data for the third section, including codes like TMTI, NTNTI, LBMI, etc., and station names like Ternate, Labuha, Cibinong, etc.

IDC 02:20:55.25.41.64.1.0.0.4s, baz=346, slow=12, SNR=29

Table of station data for the fourth section, including codes like ASAR, JNU, STKA, etc., and station names like Alice Springs, Nakusute, Stephens Creek, etc.

IDC 02:21:01.24.1.5.1.6.19S.106.13E, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=183.9km s-min=82.5km

az=48.0, DJA 02:21:01.32.7.0.7.7.3S.3.10.6E, h31km,9km, M4.1/13, MLV4.1/13

ISC 02:21:01.33.3.1.1.7.08S.0.06.105.73E.0.05, h54km,13km, n30, c1922/29, mb3.1/3, Jawa

Main table of station data for the second section, including codes like SKJI, SKUJ, SBJI, etc., and station names like Sukabumi, Serang, Tangerang, etc.

PV15 comp=N,385nm,1.4s Sg Sg 21 09 44.2 0.0

Main table of station data for the third section, including codes like PV07, S22A, PV02, etc., and station names like Paradox Valley, 4UR Ranch, Paradox Valley, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like P40A Paris, U54A Nelsons Funny, KSC0 Kaye Sheddock, S20A 4UR Ranch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DBIC Dimbokro, FINES FINESS Array, TORO Tori Ar, HHC Hu-ho-hao-te, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIED 02 21:46:00.1, 36:33N-141:00E, H03N1, H03N2, H03N3, H03N1, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like JISK, JII, JET, JTA, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like QIZ, QIZ, QIZ, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ZALV, BVAR, SNAW, etc.

ADC 02:21:48:01.9, 0.9, 8.41S, 116.83E, h0km, mb3.7/9, mbmp3.8/10, ML3.3/1, Error ellipse: s-maj=25.6km s-min=17.4km az=69.0

DJA 02:21:48:02.0, 0.4, 8.5S, 117.1E, h10km, qkm, MA.2/14, mb4.4/3, MLV4.1/14

ISC 02:21:48:02.6, 0.7, 8.27S, 116.67E, 0.04, h10km, n25, 1545/30, mb3.8/8, Sumbawa region

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TWSI, TWSI, PLAI, etc.

E22K	Anaktuvuk Pass	3.11 248	P	Pn	22 06 16.5 +1.1
E22K	Anaktuvuk Pass	3.11 248	P	Pn	22 06 16.5 +1.1
D22K	Aiykyak River	3.12 263	IAML	Pn	22 06 16.7 +1.2
D22K	Aiykyak River	3.12 263	IAML	Pn	22 07 18.1
D22K	Aiykyak River	3.12 263	P	Pn	22 06 16.7 +1.2
COLD	Coldfoot	3.20 228	P	Pn	22 06 18.1 +1.4
COLD	Coldfoot	3.20 228	P	Pn	22 06 18.1 +1.4
H25L	Birch Creek	3.30 192	P	Pn	22 06 19.7 +1.6
H25L	Birch Creek	3.30 192	P	Pn	22 06 19.7 +1.6
B22K	Teshhepuk Lake	3.32 289	IAML	Pn	22 06 19.6 +1.3
B22K	Teshhepuk Lake	3.32 289	IAML	Pn	22 07 21.9
B22K	Teshhepuk Lake	3.32 289	IAML	Pn	22 07 26.6
B22K	Teshhepuk Lake	3.32 289	P	Pn	22 06 19.6 +1.3
H27K	Steamboat Moun	3.42 162	P	Pn	22 06 21.1 +1.3
H27K	Steamboat Moun	3.42 162	P	Pn	22 06 21.1 +1.3
G29M	Pine Creek	3.45 136	Pn	Pn	22 06 20.0 -0.2
G29M	Pine Creek	3.45 136	Pn	Pn	22 06 21.6 +1.5
G23K	Bananza Creek	3.56 221	Pn	IAML	22 06 21.6 -0.1
G23K	Bananza Creek	3.56 221	P	Pn	22 07 28.2
G23K	Bananza Creek	3.56 221	P	Pn	22 06 22.3 +0.6
F22K	John River	3.57 240	P	Pn	22 06 24.0 +2.2
F22K	John River	3.57 240	P	Pn	22 06 24.0 +2.2
F30M	Barrier River	3.60 118	P	Pn	22 06 25.1 +2.9
B21K	Ikkipuk River	3.68 277	Pn	IAML	22 06 22.6 -0.7
B21K	Ikkipuk River	3.68 277	P	Pn	22 07 50.5
B21K	Ikkipuk River	3.68 277	P	Pn	22 06 24.6 +1.3
E21K	Kilikil River	3.70 258	IAML	Pn	22 06 21.8 -1.8
E21K	Kilikil River	3.70 258	IAML	Pn	22 07 36.2
C21K	Knifeblade Rid	3.79 270	P	Pn	22 06 26.8 +2.0
C21K	Knifeblade Rid	3.79 270	P	Pn	22 06 26.8 +2.0
G30M	taoh Zraii Nji	3.88 127	Pn	IAML	22 06 24.9 -1.1
G30M	taoh Zraii Nji	3.88 127	Pn	IAML	22 07 19.3
G30M	taoh Zraii Nji	3.88 127	Pn	IAML	22 07 43.0
G30M	taoh Zraii Nji	3.88 127	Pn	Pn	22 06 27.7 +1.7
H29M	Whitestone	3.94 144	Pn	Pn	22 06 27.4 +0.5
H29M	Whitestone	3.94 144	Pn	Pn	22 06 28.2 +1.4
I27K	Kandik River	4.02 165	P	Pn	22 06 29.9 +1.9
I27K	Kandik River	4.02 165	P	Pn	22 06 29.9 +1.9
PRP	Porcupine Dome	4.03 188	IAML	Pn	22 06 28.4 +0.2
PRP	Porcupine Dome	4.03 188	IAML	Pn	22 07 18.8
PRP	Porcupine Dome	4.03 188	IAML	Pn	22 07 19.6
PRP	Porcupine Dome	4.03 188	P	Pn	22 06 29.9 +1.7
F21K	Alatna River	4.15 241	Pn	Pn	22 06 28.7 -1.0
F21K	Alatna River	4.15 241	Pn	Pn	22 06 31.1 +1.6
EPYK	Eagle Plains	4.20 135	Pn	Pn	22 06 29.6 -0.8
H23K	Yukon River	4.22 212	IAML	Pn	22 06 30.0 -0.8
H23K	Yukon River	4.22 212	IAML	Pn	22 07 50.6
I26K	Coal Creek Min	4.22 174	IAML	Pn	22 06 32.0 +1.3
I26K	Coal Creek Min	4.22 174	IAML	Pn	22 07 48.5
I26K	Coal Creek Min	4.22 174	Pn	Pn	22 06 32.0 +1.3
I28M	Miner Creek	4.37 156	Pn	IAML	22 06 33.4 +0.6
I28M	Miner Creek	4.37 156	Pn	IAML	22 07 50.3
I28M	Miner Creek	4.37 156	Pn	IAML	22 07 54.2
I28M	Miner Creek	4.37 156	Pn	Pn	22 06 34.5 +1.7
G31M	Satah River	4.49 120	IAML	Pn	22 06 35.7 +1.4
G31M	Satah River	4.49 120	IAML	Pn	22 07 53.5
G31M	Satah River	4.49 120	Pn	Pn	22 06 35.7 +1.4
E20K	Nigu River	4.54 260	P	Pn	22 06 36.7 +1.6
E20K	Nigu River	4.54 260	P	Pn	22 06 36.7 +1.6
D20K	Etiulik River	4.54 266	Pn	Pn	22 06 36.9 +1.8
H22K	Ishaitaina Cre	4.55 221	P	Pn	22 06 36.1 +0.9
H22K	Ishaitaina Cre	4.55 221	P	Pn	22 06 36.1 +0.9
B20K	Meade River	4.56 283	IAML	Pn	22 06 36.6 +1.3
B20K	Meade River	4.56 283	IAML	Pn	22 08 21.9
B20K	Meade River	4.56 283	Pn	Pn	22 06 36.6 +1.3
POKR	Poker Plat Res	4.58 198	IAML	Pn	22 06 36.2 +0.6
POKR	Poker Plat Res	4.58 198	IAML	Pn	22 07 31.8
POKR	Poker Plat Res	4.58 198	Pn	Pn	22 06 36.2 +0.6
G21K	Allakaket	4.62 234	IAML	Pn	22 06 36.5 +0.4
G21K	Allakaket	4.62 234	IAML	Pn	22 08 02.8
G21K	Allakaket	4.62 234	IAML	Pn	22 08 02.8
G21K	Allakaket	4.62 234	Pn	Pn	22 06 36.5 +0.4
I29M	Ogilvie Camp,	4.71 149	IAML	Pn	22 06 37.0 -0.5
I29M	Ogilvie Camp,	4.71 149	IAML	Pn	22 07 35.2
I29M	Ogilvie Camp,	4.71 149	IAML	Pn	22 07 37.2
I23K	Minto, Yukon-K	4.81 207	IAML	Pn	22 06 37.8 -1.0
I23K	Minto, Yukon-K	4.81 207	IAML	Pn	22 07 59.5
I23K	Minto, Yukon-K	4.81 207	IAML	Pn	22 08 02.9
I23K	Minto, Yukon-K	4.81 207	P	Pn	22 06 40.3 +1.6
MDM	Murphy Dome	4.82 201	IAML	Pn	22 06 38.3 -0.7
MDM	Murphy Dome	4.82 201	IAML	Pn	22 07 36.9
MDM	Murphy Dome	4.82 201	IAML	Pn	22 08 03.0
COLA	College	4.86 199	Pn	Pn	22 06 38.8 -0.6
IL3I	Eielson Array	4.86 194	Pn	Pn	22 06 39.0 -0.1
ILAR	Eielson Array	4.86 194	Pn	Pn	22 06 40.0 +0.5
ILAR	Eielson Array	4.86 194	Pn	Pn	22 06 41.1 +1.6
ILAR	Eielson Array	4.86 194	Pn	Pn	22 07 37.3 +1.4
ILAR	Eielson Array	4.86 194	Pn	Pn	22 07 53.9
EGAK	Eagle	4.88 165	Pn	IAML	22 06 39.9 +0.2
EGAK	Eagle	4.88 165	Pn	IAML	22 07 38.0
EGAK	Eagle	4.88 165	Pn	IAML	22 07 38.9
EGAK	Eagle	4.88 165	P	Pn	22 06 41.4 +1.7
J25K	Salcha River,	4.92 186	IAML	Pn	22 06 42.3 +1.8
J25K	Salcha River,	4.92 186	IAML	Pn	22 08 01.0
J25K	Salcha River,	4.92 186	IAML	Pn	22 08 13.2
J25K	Salcha River,	4.92 186	P	Pn	22 06 42.3 +1.8
F20K	Avarant Lake	4.96 246	IAML	Pn	22 06 42.0 +1.2
F20K	Avarant Lake	4.96 246	IAML	Pn	22 06 42.0 +1.2
J26L	Joseph Creek	5.02 177	IAML	Pn	22 06 39.7 -2.0
J26L	Joseph Creek	5.02 177	IAML	Pn	22 07 47.7
J26L	Joseph Creek	5.02 177	IAML	Pn	22 08 17.3

CCB	Clear Creek Bu	5.07 198	Pn	IAML	22 06 42.0 -0.4
CCB	Clear Creek Bu	5.07 198	Pn	IAML	22 07 55.4
IMAR	Indian Moun	5.08 231	Pn	Pn	22 06 41.8 -0.7
H21K	Melozitna Rive	5.08 225	Pn	IAML	22 06 42.0 -0.5
H21K	Melozitna Rive	5.08 225	Pn	IAML	22 08 12.6
H21K	Melozitna Rive	5.08 225	Pn	IAML	22 08 13.6
H21K	Melozitna Rive	5.08 225	Pn	Pn	22 06 43.5 +0.9
D19K	Kuna River	5.13 265	Pn	IAML	22 06 44.6 +1.4
D19K	Kuna River	5.13 265	Pn	IAML	22 07 42.7
D19K	Kuna River	5.13 265	Pn	Pn	22 06 44.5 +1.3
MLY	Manley	5.16 213	Pn	IAML	22 06 45.3 +1.7
MLY	Manley	5.16 213	Pn	IAML	22 08 18.0
MLY	Manley	5.16 213	Pn	Pn	22 06 45.4 +1.7
HDA	Harding Lake	5.22 194	P	Pn	22 06 46.1 +1.6
HDA	Harding Lake	5.22 194	P	Pn	22 06 47.2 +2.7
I30M	Mount Dempster	5.23 141	Pn	Pn	22 06 44.2 -0.5
E19K	Redstone River	5.24 253	IAML	Pn	22 06 45.1 +0.4
E19K	Redstone River	5.24 253	IAML	Pn	22 08 16.3
E19K	Redstone River	5.24 253	IAML	Pn	22 08 31.2
E19K	Redstone River	5.24 253	Pn	Pn	22 06 45.1 +0.4
H31M	Peel River	5.25 130	IAML	Pn	22 06 45.2 +0.3
H31M	Peel River	5.25 130	IAML	Pn	22 08 25.8
H31M	Peel River	5.25 130	IAML	Pn	22 08 32.8
H31M	Peel River	5.25 130	Pn	Pn	22 06 45.2 +0.3
WRH	Wood River Hil	5.28 199	IAML	Pn	22 06 45.0 -0.2
WRH	Wood River Hil	5.28 199	IAML	Pn	22 07 48.3
WRH	Wood River Hil	5.28 199	IAML	Pn	22 08 21.3
NEA2	Nenana	5.29 204	IAML	Pn	22 06 45.9 +0.6
NEA2	Nenana	5.29 204	IAML	Pn	22 07 47.3
NEA2	Nenana	5.29 204	Pn	Pn	22 06 47.2 +1.9
C19K	Lookout Ridge	5.50 273	Pn	Pn	22 06 48.9 +0.6
C19K	Lookout Ridge	5.50 273	Pn	Pn	22 06 49.6 +1.4
SCRK	Sand Creek	5.54 179	Pn	Pn	22 06 50.5 +1.6
K27K	Chicken	5.55 171	Pn	Pn	22 06 50.5 +1.6
K27K	Chicken	5.55 171	Pn	Pn	22 06 50.5 +1.6
BWN	Browne	5.74 204	Pn	Pn	22 06 51.5 -0.1
F19K	Shalercukik Mo	5.75 249	Pn	Pn	22 06 52.5 +0.9
F19K	Shalercukik Mo	5.75 249	Pn	Pn	22 06 52.5 +0.9
K24K	Donnelly Dome	5.75 187	P	Pn	22 06 53.2 +1.5
K24K	Donnelly Dome	5.75 187	P	Pn	22 06 54.9 +3.1
H20K	Anotleneega Mo	5.75 231	P	Pn	22 06 52.6 +0.9
H20K	Anotleneega Mo	5.75 231	P	Pn	22 06 52.6 +0.9
DAWY	Dawson	5.76 159	Pn	Pn	22 06 52.6 +0.7
J30M	Hart River	5.80 145	Pn	Pn	22 06 52.2 -0.2
J30M	Hart River	5.80 145	Pn	Pn	22 06 53.6 +1.2
G19K	Purcell Moun	5.94 242	Pn	Pn	22 06 54.0 -0.3
G19K	Purcell Moun	5.94 242	Pn	Pn	22 06 55.0 +0.6
BPAY	Bear Paw Mtn.	6.05 210	P	Pn	22 06 55.9 0.0
BPAY	Bear Paw Mtn.	6.05 210	P	Pn	22 06 57.5 +1.6
C18K	Utukok River	6.17 270	Pn	Pn	22 06 57.7 +0.2
C18K	Utukok River	6.17 270	Pn	Pn	22 06 58.3 +0.8
H19K	Reunaldy Mou	6.17 236	Pn	Pn	22 06 58.0 +0.6
K29M	Barlow Dome	6.25 152	Pn	Pn	22 06 59.3 +0.7
K29M	Barlow Dome	6.25 152	Pn	Pn	22 07 00.2 +1.6
RND	Reindeer	6.40 199	Pn	Pn	22 06 59.9 -0.7
E18K	Tukshlearik C	6.41 259	Pn	Pn	22 06 59.1 -1.6
E18K	Tukshlearik C	6.41 259	Pn	Pn	22 07 01.9 +1.2
F18K	Selawik	6.50 251	Pn	Pn	22 07 03.0 +1.2
F18K	Selawik	6.50 251	Pn	Pn	22 07 03.0 +1.2
L26K	Log Cabin Wild	6.50 177	Pn	Pn	22 07 04.0 +1.9
L26K	Log Cabin Wild	6.50 177	Pn	Pn	22 07 04.0 +1.9
BCAR	Beaver Creek A	6.52 171	Pn	Pn	22 07 03.9 +1.6
L27K	Beaver Creek	6.52 171	Pn	Pn	22 07 01.3 -0.5
PAX	Paxson	6.57 185	P	Pn	22 07 00.3 -2.7
PAX	Paxson	6.57 185	P	Pn	22 07 05.2 +2.2
DHY	Denali Highway	6.58 193	Pn	Pn	22 07 02.2 -1.0
G16K	Tagagavik	6.59 244	Pn	Pn	22 07 03.7 +0.4
G16K	Tagagavik	6.59 244	Pn	Pn	22 07 03.7 +0.4
J20K	Nowinta River	6.63 221	Pn	Pn	22 07 03.6 -0.2
J20K	Nowinta River	6.63 221	Pn	Pn	22 07 03.6 -0.2
L29M	L29M	6.85 157	Pn	Pn	22 07 07.8 +1.1
L29M	L29M	6.85 157	Pn	Pn	22 07 07.8 +1.1
C17K	Delong Moun	6.92 271	P	Pn	22 07 07.8 +0.1
C17K	Delong Moun	6.92 271	P	Pn	22 07 07.8 +0.1
WAT7	Susitna Watana	6.95 198	Pn	Pn	22 07 01.0 +2.7
RDOG	Red Dog Mine	6.96 267	Pn	Pn	22 07 07.8 -0.5
E17K	Hotham Inlet	6.99 258	P	Pn	22 07 08.7 0.0
E17K	Hotham Inlet	6.99 258	P	Pn	22 07 08.7 0.0
D17K	Noatak River	7.16 264	Pn	Pn	22 07 10.8 -0.2
D17K	Noatak River	7.16 264	Pn	Pn	22 07 10.8 -0.2
M27K	Edge Creek, AK	7.22 172	P	Pn	22 07 13.9 +1.9
M27K	Edge Creek, AK	7.22 172	P	Pn	22 07 13.9 +1.9
M29M	Somme Creek	7.44 159	Pn	Pn	22 07 16.3 +1.3
M29M	Somme Creek	7.44 159	Pn	Pn	22 07 16.7 +1.7
G17K	Kiwalik Moun	7.48 246	Pn	Pn	22 07 16.5 +1.0
G17K	Kiwalik Moun	7.48 246	Pn	Pn	22 07 16.5 +1.0
H17K	Granite Moun	7.63 241	P	Pn	22 07 18.0 +0.6
H17K	Granite Moun	7.63 241	P	Pn	22 07 18.0 +0.6
C16K	Lisburne Hills	7.74 271	Pn	Pn	22 07 19.0 0.0
C16K	Lisburne Hills	7.74 271	Pn	Pn	22 07 19.0 0.0
L2					

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Nestorio, Tirane, Bovan, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Makanchi Array, Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Las Juntas de Punta indio, Lajitas Array, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Ruatahuna, Maungataniwha, Urewera, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like El Crucero, Copaltepe, Ciudad Sandino, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Pico do Norte, Santa Maria, Pico Bartolome, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Mbarara, Kilima Mbogo, Kiama Mbogo, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Barrio San Lui, Americas 2, El Cardon, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Porto Santo, Madeira, Funchal, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Tsumeb, Lobatse, Boshof, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Cerro Negro, AI S del Volca, Telica, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Casimiro, Conde, Casimiro, Conde, etc.

3d 0h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like O19K, RDOG, KDAK, M19K, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like RC01, M22K, H21K, G21K, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like G23K, G23K, KURBB, D23K, etc.

3d 0h

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like YBH Yreka Blue Hor, LTY Liberty, G05A Wamic, etc.

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Table with columns for station name, elevation, frequency, and other technical details. Includes stations like TPNV Topopah Spring, GSC Goldstone, GSC Goldstone, etc.

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Table with columns for station name, elevation, frequency, and other technical details. Includes stations like FFC Fin Flon, FFC Fin Flon, OBN Obninsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like BJO Baie Johan-Bee, PCAO Pointe Carleto, GAAO Galiote, PMAO Port Menier, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like FINES FINESS Array B, G31M Satah River, H31M Peel River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like RCY QRWL Qaraoun, QRWL QRWL, SHBL Chebaa, etc.

IDC 03 01:56:24.8;2.4,7.91S;112.76E,h0km,mb3.7/4, mbmp3.7/4, Error ellipse: s-maj=14.13km s-min=27.6km az=51.0

DJA 03 01:56:41.5;0.4,9'S;16.11'3E;h12km,11km,M3.9/13, mb4.2/4,MLV3.8/13

ISC 03 01:56:41.0;1.0,8.2'S;0.3;112:89E:0.07,h150km,m15, a113/15,mb3.5/4,Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like PWJ1 Pagerwojo, PWJ1 Singaraja, JAG1 Jajag, etc.

IDC 03 02:01:45.0;2.2,7.21S;129.67E,h0km,mb3.6/1, mbmp3.5/3,ML3.7/2, Error ellipse: s-maj=139.2km s-min=32.6km az=68.0, Banda Sea

WRA 0.4mm,0.3s,baz=343,slow=13,SNR=12

ASAR Alice Springs 16.86 167 Pn Pn 02 05 42.8 +0.1

DKC 03 02:04:59.6;1.2,1.30S;138.58E,h0km,mb4.1/7, mbmp4.2/8,ML4.3/1, Error ellipse: s-maj=45.9km s-min=14.2km az=84.0

NEIC 03 02:05:05.6;1.9,1.7S;0.1;138:3E:0.2,h10km,1km, mb4.1/8, Error ellipse: s-maj=26.6km s-min=21.8km az=80.0

ISC 03 02:05:08.5;0.9,1.75S;0.09;138:3E:0.1,h35km,n40, a163/37,mb4.4/11,Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like TABU Tabubil, FAKI Fak Fak, KDU Kakadu, etc.

3d 2h

Table with columns for flight ID, route, status, and time. Includes flights like DL2, TEY, UAI, USR, YSS, SISI, RAR, SNI, ENH, MDJ, GYA, SLVN, LYN, CN2, HNS, GSI, BNK, BJT, BJI.

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Table with columns for flight ID, route, status, and time. Includes flights like SRDT, CMAR, KLR, GRNR, PZH, CD2, XLT, HHC, PETK, PET, HEH, BTO, HIA, SHEM, PPT, PPT2.

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Table with columns for flight ID, route, status, and time. Includes flights like PPT2, ZEA, TBI, MA2, GOMU, LSA, NIKH, SEY, ZAK, YAK, UNV, CASY, P08K, SPIA, TAOE, FALS, PALK, S12K, SDPT, CNBA, M11K, S14K, BILL, CHGN, GAMB, WMQ.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, Azimuth Error, Distance Error. Includes stations like B20K Meade River, B20K Meade River, G22K Bettles, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, Azimuth Error, Distance Error. Includes stations like C23K Itkillik River, C23K Itkillik River, G25K Bearman Lake, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, Azimuth Error, Distance Error. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, F28M Old Crow, etc.

ARU	comp=Z,24nm,2.8s	MLR	MLR						
ARU	Arti	94.19	326	P	P	02	29	40.1	+1.9
AKTO	Aktubinsk	94.44	320	LR	LR	03	12	07.7	
BMO	Blue Mountains	94.46	45	IAMS_20	IAMS_20	03	04	22.4	
NEW	Newport	94.64	42	IAMS_20	IAMS_20	03	06	24.8	
NEW	Newport	94.64	42	LR	LR	03	06	36.3	
WCT	Wildcat	94.81	54	P	P	02	29	42.0	+0.3
PFO	Pinyon Flats 0	94.87	57	LR	LR	03	06	08.6	
TPFO	Pinon Flats	94.87	57	P	P	02	29	39.9	-2.1
TPNV	Topopah Spring	95.13	53	P	P	02	29	43.9	+0.7
TPNV	Topopah Spring	95.13	53	P	P	02	29	43.9	+0.7
MFID	Camas Ranch	95.51	47	IAMS_20	IAMS_20	03	07	44.3	
R11B	Troy Canyon, C	95.66	52	IAMS_20	IAMS_20	03	08	45.8	
R11B	Troy Canyon, C	95.66	52	P	P	02	29	43.4	-2.3
YKA	Yellowknife Ar	95.83	28	P	P	02	29	46.8	+1.3
YKA	Yellowknife Ar	95.83	28	P	P	02	29	47.1	+1.5
YKA	Yellowknife Ar	95.83	28	iP	P	02	29	47.7	+2.1
ELK	Elko	95.94	50	IAMS_20	IAMS_20	03	07	14.0	
HLID	Hailey	96.53	47	IAMS_20	IAMS_20	03	08	27.4	
MSO	Missoula	96.80	43	IAMS_20	IAMS_20	03	06	00.2	
RPN	Rapa Nui	97.44	118	LR	LR	03	06	22.6	
DLMT	Dillon	97.79	45	IAMS_20	IAMS_20	03	08	09.4	
DUG	Dugway, Tooele	97.80	50	IAMS_20	IAMS_20	03	14	28.2	
214Z	Organ Pipe Nat	97.92	58	P	P	02	29	54.2	-1.7
B0A	Bozeman (W)	98.45	45	IAMS_20	IAMS_20	03	08	31.1	
HWUT	Hardware Ranch	98.69	49	IAMS_20	IAMS_20	03	18	37.8	
FXWY	Fox Creek	98.99	47	IAMS_20	IAMS_20	03	09	08.4	
TPAW	Teton Pass	99.05	47	IAMS_20	IAMS_20	03	10	28.0	
WUAZ	Wupatki	99.06	55	IAMS_20	IAMS_20	03	07	59.1	
SNOW	Snow King Moun	99.20	47	IAMS_20	IAMS_20	03	10	33.0	
LOHW	Long Hollow	99.30	47	IAMS_20	IAMS_20	03	09	27.6	
EGMT	Eagleton	99.58	42	IAMS_20	IAMS_20	03	09	29.4	
PDAR	Pinedale Arra	100.12	47	P	Pdf	02	30	05.0	-0.7
RLMT	Red Lodge	100.15	53	IAMS_20	IAMS_20	03	06	13.9	
W18A	Petrified For	100.42	55	P	Pdf	02	30	06.1	-1.0
NVL	N'Azarevskaya	100.56	193	eP	Pdf	02	30	12.6	+5.9
NVL	N'Azarevskaya	100.56	193	eP	Pdf	02	30	12.6	+5.9
VOI	Vohitsoka	101.00	247	IAMS_20	IAMS_20	03	10	48.4	
O20A	White River Cl	101.30	50	IAMS_20	IAMS_20	03	09	08.8	
MVCO	Mesa Verde	101.53	60	IAMS_20	IAMS_20	03	08	25.4	
RWWY	Rawlins	101.94	48	IAMS_20	IAMS_20	03	10	07.8	
MAK	Makahackiala	102.01	313	iP	Pdf	02	30	14.4	+0.7
MAK	Makahackiala	102.01	313	iP	Pdf	02	30	14.4	+0.7
MAK	Makahackiala	102.01	313	iP	Pdf	02	30	14.4	+0.7
MAK	Makahackiala	102.01	313	iP	Pdf	02	30	14.4	+0.7
MAK	Makahackiala	102.01	313	iP	Pdf	02	30	14.4	+0.7
LAO	LASA Array	102.10	43	IAMS_20	IAMS_20	03	12	52.4	
121A	Cookes Peak, D	102.17	58	P	Pdf	02	30	14.2	-0.7
KBS	Kingsbay	102.17	352	IAMS_20	IAMS_20	03	13	37.8	
K22A	Casper	102.36	47	IAMS_20	IAMS_20	03	08	40.5	
S22A	JUR Ranch, Cre	102.59	52	P	Pdf	02	30	15.3	-1.6
N23A	Red Feather La	102.97	49	P	Pdf	02	30	15.9	-2.6
ANMO	Albuquerque	103.11	55	IAMS_20	IAMS_20	03	08	01.4	
SDCO	Great Sand Dun	103.64	52	IAMS_20	IAMS_20	03	10	07.9	
BRIGG	Briggsdale	104.23	49	IAMS_20	IAMS_20	03	10	52.5	
TULEG	Thule	104.33	9	IAMS_20	IAMS_20	03	12	37.7	
KSCO	Kay Sheddock	105.73	51	IAMS_20	IAMS_20	03	15	12.2	
E28A	Huff	105.88	43	IAMS_20	IAMS_20	03	13	11.3	
OGNE	Ogallala	105.91	49	IAMS_20	IAMS_20	03	22	04.6	
MSTX	Muleshoe	106.23	56	IAMS_20	IAMS_20	03	12	32.1	
MDNB	Maddock	106.34	41	IAMS_20	IAMS_20	03	24	37.5	
K30B	Basset	107.39	47	IAMS_20	IAMS_20	03	14	20.7	
SUSD	Miller	107.51	45	IAMS_20	IAMS_20	03	13	52.6	
CBKS	Cedar Bluff	107.99	51	IAMS_20	IAMS_20	03	16	37.0	
AGMN	Agassiz Nation	108.67	40	IAMS_20	IAMS_20	03	23	42.8	
BGNE	Belgrade	108.71	48	IAMS_20	IAMS_20	03	11	35.7	
R32A	Long Quarter,	108.85	51	IAMS_20	IAMS_20	03	12	17.8	
ABTX	Abilene, Hawle	109.00	57	IAMS_20	IAMS_20	03	12	53.4	
FINES	FINESSE Array B	109.21	335	Pdf	Pdf	02	30	43.7	-1.6
ECSD	EROS Data Cent	109.31	45	IAMS_20	IAMS_20	03	15	57.3	
WMOK	Wichita Mounta	109.41	55	IAMS_20	IAMS_20	03	14	27.9	
OK032	Salt Plains WL	109.52	52	IAMS_20	IAMS_20	03	20	18.8	
833A	Chaparral WMA,	109.73	61	P	PKIKP	02	34	49.8	-1.3
L34A	Svendens Farm,	109.89	47	IAMS_20	IAMS_20	03	16	26.8	
KSU1	Kansas State U	110.33	50	IAMS_20	IAMS_20	03	19	19.9	
N35A	Tabor	110.67	48	IAMS_20	IAMS_20	03	17	14.8	
Z35A	Perchaven, San	110.88	56	IAMS_20	IAMS_20	03	16	15.1	
WHTX	Lake Whitney,	110.92	57	IAMS_20	IAMS_20	03	14	53.4	
435B	Jarrell	110.99	59	IAMS_20	IAMS_20	03	12	10.3	
435B	Jarrell	110.99	59	P	PKIKP	02	34	51.3	-2.2
KVXT	Kingsville	111.14	62	IAMS_20	IAMS_20	03	16	43.7	
I37A	Lemond Wasca	111.49	44	IAMS_20	IAMS_20	03	14	41.8	
EYMN	Ely	111.57	40	IAMS_20	IAMS_20	03	16	48.4	
TUL3	Leonard	111.61	53	IAMS_20	IAMS_20	03	19	00.0	

FURI	Furi	111.92	278	IAMS_20	IAMS_20	03	23	46.9	
E38A	The Farm, Brul	111.96	41	IAMS_20	IAMS_20	03	16	40.0	
SCIA	State Center	112.19	46	IAMS_20	IAMS_20	03	16	47.6	
Z37A	Washetta, Mont	112.30	57	IAMS_20	IAMS_20	03	14	55.9	
N38A	Joess South F	112.46	47	IAMS_20	IAMS_20	03	18	29.1	
P38A	Dawn	112.54	49	IAMS_20	IAMS_20	03	23	55.2	
U38A	Greenville	112.61	52	IAMS_20	IAMS_20	03	14	13.6	
Z38A	Mt. Pleasant	112.76	56	IAMS_20	IAMS_20	03	13	08.0	
S39A	Bolivar	113.16	51	IAMS_20	IAMS_20	03	16	30.9	
L40A	Norwalk	113.44	44	IAMS_20	IAMS_20	03	15	19.5	
L40A	Anamosa	113.57	46	IAMS_20	IAMS_20	03	16	59.2	
P40A	Paris	113.67	48	IAMS_20	IAMS_20	03	24	13.1	
COWI	Conover	113.71	41	IAMS_20	IAMS_20	03	17	35.2	
R40A	Maddies Statio	113.82	50	IAMS_20	IAMS_20	03	17	01.3	
JFWS	Jewell Farm	114.00	44	IAMS_20	IAMS_20	03	16	29.4	
N41A	Harden Midland	114.23	47	IAMS_20	IAMS_20	03	16	36.7	
F42A	Maple Grove Fa	114.48	41	IAMS_20	IAMS_20	03	18	06.7	
CCM	Cathedral Cave	114.66	50	IAMS_20	IAMS_20	03	20	40.6	
L42A	Oliver, Polo	114.69	45	IAMS_20	IAMS_20	03	16	58.8	
T42A	Van Buren	115.05	51	IAMS_20	IAMS_20	03	17	36.8	
K43A	Burlington	115.41	44	IAMS_20	IAMS_20	03	17	01.5	
HDIL	Hopedale	115.41	47	IAMS_20	IAMS_20	03	21	00.9	
P43A	Skaggs, Pawnee	115.52	48	IAMS_20	IAMS_20	03	22	03.8	
L44A	Lake County Fo	115.87	45	IAMS_20	IAMS_20	03	17	26.0	
L44A	Lake County Fo	115.87	45	P	PKIKP	02	35	01.7	-0.8
HQIL	Hanson Quarry C	116.04	45	IAMS_20	IAMS_20	03	28	12.5	
M44A	Midewin, Midew	116.04	45	IAMS_20	IAMS_20	03	18	55.5	
Q44A	Meyer Farm, Va	116.11	48	IAMS_20	IAMS_20	03	19	35.6	
S44A	Cardonade	116.28	50	IAMS_20	IAMS_20	03	21	40.3	
M44A	Midewin, Midew	116.28	50	IAMS_20	IAMS_20	03	21	40.3	
M44A	Midewin, Midew	116.28	50	IAMS_20	IAMS_20	03	21	40.3	
VBMS	Vicksburg	116.66	56	IAMS_20	IAMS_20	03	18	16.2	
E46A	Sault Ste Mari	116.71	39	IAMS_20	IAMS_20	03	17	05.4	
T45A	Paducah	116.93	50	IAMS_20	IAMS_20	03	20	59.7	
SFIN	Rosedale	117.05	46	IAMS_20	IAMS_20	03	16	14.4	
Y45A	Yeager Farm, C	117.07	54	IAMS_20	IAMS_20	03	25	20.7	
P46A	Rosedale	117.22	47	IAMS_20	IAMS_20	03	20	27.0	
J47A	Sunmer	117.62	43	IAMS_20	IAMS_20	03	25	35.9	
346A	Big Creek Wild	117.72	57	IAMS_20	IAMS_20	03	21	43.4	
WWT	Waverly	117.82	51	IAMS_20	IAMS_20	03	20	29.2	
T47A	Sharon Grove	118.12	50	IAMS_20	IAMS_20	03	27	21.1	
WCI	Wyandotte Cave	118.34	48	IAMS_20	IAMS_20	03	19	13.8	
L48A	N Adams	118.38	44	IAMS_20	IAMS_20	03	18	42.1	
Z47A	Carrollton	118.43	54	IAMS_20	IAMS_20	03	18	51.8	
P48A	Milroy	118.57	47	IAMS_20	IAMS_20	03	19	41.6	
V48A	Smith, Brothars	118.71	51	IAMS_20	IAMS_20	03	20	08.9	
PSZ	Piszkesteto	119.02	324	IAMS_20	IAMS_20	03	25	25.2	
OKC	Ostrava-Krasne	119.02	327	AMS	AMS	03	26	50.0	
P49A	Miami Univ. Ec	119.06	46	IAMS_20	IAMS_20	03	23	27.5	
P49A	Miami Univ. Ec	119.06	46	P	PKPdf	02	35	07.0	-1.7
O49A	Covington	119.10	46	IAMS_20	IAMS_20	03	29	15.5	
R49A	Shelbyville	119.16	48	IAMS_20	IAMS_20	03	21	56.3	
U49A	Red Boiling Sp	119.28	50	IAMS_20	IAMS_20	03	21	46.8	
K50A	Casco	119.28	42	IAMS_20	IAMS_20	03	27	20.9	
M50A	Frederick	119.55	44	IAMS_20	IAMS_20	03	22	09.1	
KRLC	Kraliky	119.63	327	AMS	AMS	03	27	40.0	
OSTC	Ostas	119.66	328	AMS	AMS	03	27	30.0	
DPD	Dobruska-Plom	119.72	328	AMS	AMS	03	27	40.0	
R50A	Paris	119.78	48	IAMS_20	IAMS_20	03	24	09.9	
UPC	Upic	119.80	328	AMS	AMS	03	27	40.0	
Q51A	Peebles	120.23	47	IAMS_20	IAMS_20	03	20	43.7	
PS1A	Williamsport	120.27	46	IAMS_20	IAMS_20	03	25	45.6	
PVCC	Panska Ves	120.54	329	AMS	AMS	03	26	00.0	
S51A	Beattyville	120.55	48	IAMS_20	IAMS_20	03	22	13.3	

3d 2h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONMG Songo Array, KURBB Kurchatov Arra, ZALV Zalesovo Beam, etc.

IDC 03 02:29:51.157,0.138S:98.24E, h0km, mb3.8/4, mbmp3.8/4, Error ellipse: s-maj=1122.0km s-min=147.9km az=172.0

DJA 03 02:30:08.8,0.4,1.1N,2.2E, h40km,13km, M3.7/9, MLV3.7/9

ISC 03 02:30:08.6,1.0,1.04N,0.07E,98.23E,0.09, h50km, n19, e097113, mb3.9/4, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, PBSI Pulau Batu, KURBB Kurchatov Arra, etc.

IDC 03 02:31:43.6,5.2,3.77S:150.10E, h0km, mb3.3/2, mbmp3.3/2, Error ellipse: s-maj=223.7km s-min=54.4km az=113.0, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea, etc.

NNC 03 02:34:32.5,3.6,38.68N:73.23E, h1km,22km, mb3.8, mpv3.5, 2C-3D, Error ellipse: s-maj=36.1km s-min=24.1km az=99.0, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRKS Merke, AAK Ala-Archai, KST Kastele, etc.

IDC 03 02:35:17.8,2.0,4.12S:150.46E, h0km, mb3.6/3, mbmp3.6/3, Error ellipse: s-maj=136.6km s-min=28.6km az=123.0, New Britain region

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

JMA 03 02:40:23.0,3.44,7N:0.8,14.1E, h260km,2km, MW3.4/2, NW OFF HOKKAIDO

IDC 03 02:40:24.0,7.4,64N:111.11E, h248km,8km, mb3.1/10, mbmp3.7/13, Error ellipse: s-maj=17.0km s-min=14.9km az=176.0

ISC 03 02:40:24.6,0.7,44.64N:0.08:141.11E,0.09, h252km,6km, n25,e061/32, mb3.4/10, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYG Yagishiri, JRR Rishiri, JSS Shosan, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAJ Ashikawa, JAB Ashibetsu, JKK2 Kamakawa 2, etc.

CATAC 03 02:42:21.0,0.5,11.91N:88.48W, h25km, ML3.6 SNET 03 02:42:22.6,0.8,12.08N:88.38W, h28km,19km, ML3.5

ISC 03 02:42:23.4,2.8,12.05N:0.10:88.42W,0.06, h28km,20km, n39,e108/48,1C, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like INTP Intipuca, CSNG Cosiguina Volc, PDAR Pineda Array, etc.

IDC 03 02:42:23.4,2.8,12.05N:0.10:88.42W,0.06, h28km,20km, n39,e108/48,1C, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AMPH Amapala, TECA Teapa, CRIN San Cristobal, etc.

IDC 03 02:42:23.4,2.8,12.05N:0.10:88.42W,0.06, h28km,20km, n39,e108/48,1C, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PKGN Cerro Pekin, TELN Telica, HERN Volcan Telica, etc.

IDC 03 02:42:23.4,2.8,12.05N:0.10:88.42W,0.06, h28km,20km, n39,e108/48,1C, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FAGO Alcala de Sa, SCLA Alcala de Sa, PAVA Las Pavas, etc.

IDC 03 02:42:23.4,2.8,12.05N:0.10:88.42W,0.06, h28km,20km, n39,e108/48,1C, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAYA Jayaque - fnc, SAYS Ciudad Sandino, SNJE San Jose, etc.

IDC 03 02:42:43.7,1.2,23.36N:143.92E, h0km, mb3.7/6, mbmp3.7/6, MS4.1/1, Error ellipse: s-maj=52.6km s-min=24.0km az=91.0, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHH Hachijo jima 2, WRA Warramunga Arr, ASAR Alice Springs, etc.

FINES FINES Array B 81.98 335 P P 02 55 05.2 -0.1

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

GII 03 02:58:19.8,0.4,35.50N:28.54E, h10km, Mws3.3, confirmed

IDC 03 02:58:24.3,1.0,35.40N:28.53E, h0km, mb3.9/11, mbmp3.8/16, ML3.6/4, Error ellipse: s-maj=21.4km s-min=15.3km az=165.0

NEIC 03 02:58:25.2,1.9,35.22N:0.03:28.50E:0.04, h10km,1km, mb4.0/20, Error ellipse: s-maj=6.5km s-min=4.6km az=42.0

ISK 03 02:58:26.9,35.38N:28.53E, h12km, ML3.4/27

NIC 03 02:58:28.2,35.20N:28.59E, h22km,3km, M3.4/13

HLW 03 02:58:30.0,35.32N:28.66E, h10km,3.1km, M4.1, M4.0

THE 03 02:58:31.7,35.45N:28.46E, h44km,6km, ML3.4/1, Error ellipse: s-maj=8.3km s-min=1.2km az=293.0

AFAD 03 02:58:32.1,0.35:73N:28.64E, h33km,1km, MW3.5

ATH 03 02:58:37.1,35.84N:27.74E, h67km,5km, ML3.1/1, Error ellipse: s-maj=11.1km s-min=2.7km az=277.0

ISC 03 02:58:27.1,2.3,35.26N:0.03:28.57E:0.03, h29km,9km, n218,e1975/242, mb3.9/17, 2C, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARP Karpathos, AKAS Kas, IZZE Mula-Seydikte, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various stations.

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Table with columns: HEMU, FINES, NOA, HFS, HFS, HFS. Includes station names like HEMU Hemsoen, FINES FINES Array B, NOA NORSAR Array B, HFS Hagfors, HFS HFS, HFS HFS.

IDC 03:04:41.0.1.1.0.22:23x170:13E, h0km, mb4.0/0, mbmp4.0/6, ML3.8/1, MS3.4/2, Error ellipse: s-maj=30.1km s-min=27.5km az=173.0

ISC 03:04:40.0.0.9.22:2S.0.2x170:0E.0.1, h25km, n16, s104/15, mb4.1/9, 4C, Southeast of Loyalty Islands

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, MSVF Nonsavu, RAO Raoul Island, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, GSPA South Pole Qui, TROLL Troll, SNAAS Sanae, SNAAS Sanae, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SONM Songoing Array, ILAR Eielson Array, EKA Eskdalemuir Ar, GERES GERES Array B.

KRNET 03:04:15:21.2.0.1, 39:65N x 72:69E, h17km, mb2.2, 12C-12D, Kyrgyzstan

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DRK Karamyk, DRK Karamyk, DRK Karamyk, SFK Sufi-Kurgan, SFK Sufi-Kurgan, SFK Sufi-Kurgan, OHH Osh, OHH Osh, OHH Osh, OHH Osh, BTK Batken, BTK Batken, BTK Batken, TRKS Terek-Say, TRKS Terek-Say, TRKS Terek-Say, AML Almayashu, AML Almayashu, AML Almayashu.

DJA 03:04:21:14.8.1.3.9'S.8x11'6E, h10km, M3.3/3, MLV3.3/3, IDC 03:04:21:57.3.11.0.1, 11:26S, h0km, mb4.1/1, mbmp3.8/3, ML3.9/2, Error ellipse: s-maj=244.7km s-min=134.0km az=21.0

ISC 03:04:21:14.9.1.4.9:15.0:1.116:53E:0.06, h10km, n6, s234/7, Sumbawa region

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TWSI Taliwang, TWSI Taliwang, PLAI Plampang, SRBI Singaraja, SRBI Singaraja, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek.

IDC 03:04:24:28.9.1.1.28:78S:74:54E, h0km, mb4.0/6, mbmp4.0/6, MS3.5/2, Error ellipse: s-maj=37.4km s-min=28.7km az=38.0

ISC 03:04:24:30.5.1.1.28:8S.0.2x74.6E:0.2, h10km, n20, s020/6, mb4.1/6, Mid-Indian Ridge

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H.

IDC 03:04:24:28.9.1.1.28:78S:74:54E, h0km, mb4.0/6, mbmp4.0/6, MS3.5/2, Error ellipse: s-maj=37.4km s-min=28.7km az=38.0

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H08S3 Diego Garcia H, H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, H04N3 CROZET ISLANDS, H04S1 CROZET ISLANDS, H04S2 CROZET ISLANDS, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, BOSAB Boshof, SUR Sutherland, ASAR Alice Springs, WRA Warramunga Arr, GSPA South Pole Qui, MKAR Makanchi Array, KURBB Kurchatov Arra, TORD Torodi Ar, WRA Warramunga Arr, TORD Torodi Ar, ASAR Alice Springs, STKA Stephens Creek.

IDC 03:04:24:59.5.7.8.2:23S:139:02E, h0km, mb3.7/2, mbmp3.8/3, ML3.8/1, Error ellipse: s-maj=163.1km s-min=91.1km az=122.0, Near north coast of Irian Jaya

ISC 03:04:24:59.5.7.8.2:23S:139:02E, h0km, mb3.7/2, mbmp3.8/3, ML3.8/1, Error ellipse: s-maj=163.1km s-min=91.1km az=122.0, Near north coast of Irian Jaya

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, CNRM, INMG, SFS, IIGL, ISC.

CNRM 03:04:39:37.7.3:25N:6:15W, h29km, ML2.0, INMG 03:04:39:38.3.1.9.33:51N:6:10W, h50km, 15km, ML1.9, Error ellipse: s-maj=5.9km s-min=4.3km az=83.0

SFS 03:04:39:38.8.33:47N:6:10W, h42km, ML2.8/9, ML3.3/7, MLV2.4/9, IIGL 03:04:39:40.0.33:51N:6:10W, h50km

ISC 03:04:39:35.6.1.0.33:47N:0.03:6:12W:0.03, h20km, n41, s192/57, Morocco

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZHG ZHG, IFR Ifrane, CZD Col de Zad, AZE Col de Zad, AVE Averoeres, AVE Averoeres, MD31 MD31, MD31 MD31, MDT Midelt, MDT Midelt, TISM Timmit, TISM Timmit, AKLM AKL, AKLM AKL, OUMZ OUMZ, TIO Tioouine, TIO Tioouine, PBDV Barranco-do-Ve, PVAO Vaqueiros, PVAO Vaqueiros, PVAO Vaqueiros, EGRO El Granado, PFVI Vila Bisbo, PFVI Vila Bisbo, MORF Marlete, MORF Marlete, MORF Marlete, PCEV Castro Verde, PCEV Castro Verde, PTEO Sao Teotonio, PTEO Sao Teotonio, MESJ Messejana, MESJ Messejana, MESJ Messejana, PBAR Barrancos, PBAR Barrancos, PNCL Nicolau / Gran, PNCL Nicolau / Gran, PNCL Nicolau / Gran, PESTR Estremoz, PESTR Estremoz, PMRV Marv?to, PMRV Marv?to, PMRV Marv?to.

IDC 03:04:46:01.9.2.1.2:16N-128:52E, h0km, mb3.4/4, mbmp3.4/4, MS3.7/1, Error ellipse: s-maj=164.8km s-min=24.7km az=69.0, Halmahera

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, JHJ Hachijo jima 2, MKAR Makanchi Array.

IDC 03:04:46:01.9.2.1.2:16N-128:52E, h0km, mb3.4/4, mbmp3.4/4, MS3.7/1, Error ellipse: s-maj=164.8km s-min=24.7km az=69.0, Halmahera

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, JHJ Hachijo jima 2, MKAR Makanchi Array.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, IDC, GCMT.

IDC 03:05:04:06:2.0.8.23:98S:115:71W, h0km, mb3.7/6, mbmp3.7/6, MS3.7/2, Error ellipse: s-maj=35.2km s-min=23.4km az=73.0

GCMT 03:05:04:09:0.0.4.24:62S:0:03:116:08W:0:02, h15km, 1km, MMV4.8/63, Moment Tensor Solution, s16, c17, s63, c84, Duration: 0 Moment Tensor: Scale 1016Nm; Mr=0.40:09; Mw=0.84:07; Mm=1.24:09; Mm=1.44:35; Mm=0.95:06; Mm=1.25:33; Best double couple: M2.30700x1016 Np1.0x155.00000; s82.00000; r-1.31.00000; NP2: 65.5.00000; 3.0.00000; 1.12.00000; Principal axes: T 1.9290, Plg25.0000; Azm275.0000; P -2.6850, Plg39.0000, Azm4.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

ISC 03:05:04:06:5.1.2.24:3S.0.2x116:00W:0.3, h12km, n43, s0563/11, mb3.8/6, MS3.8/27, Southern East Pacific Rise

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RPV Rapa Nui, PPT Papeete, H03N2 Juan Fernandez, H03N3 Juan Fernandez, H03N1 Juan Fernandez, NNA Nana, ATAH Atahualpa, RAR Rarotonga, PLCA Paso Flores, PLCA Paso Flores, LVC Limon Verde, LAZ La Paz, LPZA La Paz, JTS Las Juntas de, CMIG Matias Romero, APG El Apazote, LPIG La Paz, SIV San Ignacio, CPUP Villa Florida, TXAR Lajas Array, TXAR Lajas Array.

SDV Santo Domingo, PFO Pinyon Flats O, MSVF Nonsavu, NVAR Nona Array B, NVAR Nona Array B, GSPA South Pole Qui, YBH Yreka Blue Hor, PDAR Piedrales Array, PDAR Piedrales Array, MDP Montagnes de, DZM Mont Dzumac, NEW Newport, H11S2 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, MAW Maxwell, WRA Warramunga Arr, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, BRTR Keskin Array B, BVAR Borovoye Array, KURBB Kurchatov Arra, MKAR Makanchi Array.

IDC 03:05:29:30.9.2.8.17:64S:31:33W, h0km, mb4.0/6, mbmp4.0/6, Error ellipse: s-maj=174.4km s-min=22.5km az=101.0

NEIC 03:05:29:30.5.2.0.17:62S:0:08:13:36W:0:08, h10km, 1km, mb4.8/20, Error ellipse: s-maj=16.4km s-min=8.6km az=222.0

ISC 03:05:29:30.7.0.5.17:57S:0:08:13:5W:0:1, h10km, n30, s149/30, mb4.5/17, 2C, Southern Mid-Atlantic Ridge

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SHEL Horse Pasture, AJCN Ascension, DBIC Dimokro, MBO M'bour, BDFB Brasilia, TORD Torodi Ar, TORD Torodi Ar, TORD Torodi Ar, HOPE Hope Point, G001 Chuzima, G003 Copiap, AC05 El Transito, AC05 El Transito, VNA1 Neumayer-Stat.

IDC 03:05:29:30.9.2.8.17:64S:31:33W, h0km, mb4.0/6, mbmp4.0/6, Error ellipse: s-maj=174.4km s-min=22.5km az=101.0

NEIC 03:05:29:30.5.2.0.17:62S:0:08:13:36W:0:08, h10km, 1km, mb4.8/20, Error ellipse: s-maj=16.4km s-min=8.6km az=222.0

ISC 03:05:29:30.7.0.5.17:57S:0:08:13:5W:0:1, h10km, n30, s149/30, mb4.5/17, 2C, Southern Mid-Atlantic Ridge

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SHEL Horse Pasture, AJCN Ascension, DBIC Dimokro, MBO M'bour, BDFB Brasilia, TORD Torodi Ar, TORD Torodi Ar, TORD Torodi Ar, HOPE Hope Point, G001 Chuzima, G003 Copiap, AC05 El Transito, AC05 El Transito, VNA1 Neumayer-Stat.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Rita Blanca, Joes South F, Lazy B Ranch, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SCHEFFERVILLE, Lajitas Array, FINES FINESS Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IDC 03 06:58:57.1, ML2.8/2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IDC 03 07:08:09.0, IDC 03 07:08:07.1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IDC 03 07:15:27.9, IDC 03 07:15:29.8, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like NOUC, DZM, ARMA, STKA, WRKA, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like SSSL, JSG, KSM, JMN, MORW, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like USRK, YSS, RAR, SHENYANG, etc.

RDOG	comp=Z,52nm,1.2s	IAMs_20	IAMs_20	07 57 10.6	GLI	Glacier Island baz=244,SNR=16	80.46	26	P	P	07 27 42.5	+0.7	COLD	Coldfoot baz=240,SNR=16	82.24	20	P	P	07 27 51.9	+0.8			
RDOG	comp=Z,1,um,21.0s				MDOK	Medeo baz=315	80.48	315	eP	P	07 27 41.8	-0.8	SGDS	Sogindy baz=315	82.26	315	eP	P	07 27 51.4	-0.5			
F18K	Red Dog Mine baz=229,SNR=7.4	78.79	16	P	P	07 27 33.1	+0.5	HIN	Hinbrook I comp=Z,64nm,1.3s	80.52	27	IAMB	IAMB	07 27 45.7		IL31	comp=Z,24nm,1.0s	82.27	23	IAMB	IAMB	07 27 53.2	
F18K	Selawik baz=231	78.81	18	P	P	07 27 33.1	+0.5	HIN	comp=Z,991nm,21.0s					07 58 34.9		ILAR	Eielson Array baz=227,SNR=7.4	82.27	23	P	P	07 27 50.1	-1.3
K20K	Telida comp=Z,29nm,1.0s	78.83	22	IAMB	IAMB	07 27 35.6		TNSS	Tian-Shan baz=315	80.52	315	eP	P	07 27 41.9	-1.1	ILAR	Eielson Array comp=Z,17nm,1.0s,baz=253,slow=4.9,SNR=78	82.27	23	P	P	07 27 49.7	-1.7
K20K	comp=Z,1,um,21.0s							H21K	Melozitna Rive baz=238,SNR=13	80.53	21	P	P	07 27 41.5	-0.6	K24K	Donnelly Dome baz=245,SNR=8.4	82.29	24	P	P	07 27 52.5	+1.0
K20K	Telida baz=237,SNR=28	78.83	22	P	P	07 27 33.4	+0.5	H21K	Melozitna Rive baz=238,SNR=13	80.53	21	P	P	07 27 42.8	+0.7	D22K	Aiyikyak River comp=Z,49nm,0.6s	82.29	18	IAMB	IAMB	07 27 57.5	
ZAA0	Zalesovo Array	78.97	327	P	P	07 27 33.1	-0.8	AAA	comp=Z,20nm,0.6s,baz=315	80.58	315	eP	P	07 27 42.2	-0.8	D22K	Aiyikyak River baz=238,SNR=8.7	82.29	18	P	P	07 27 52.1	+0.6
ZALV	Zalesovo Beam	78.97	327	P	P	07 27 33.1	-0.7	M23K	Glacier View baz=243,SNR=5.6	80.60	25	P	P	07 27 43.6	+1.0	H24K	Noodor Dome comp=Z,95nm,21.0s	82.39	21	IAMS_20	IAMS_20	08 00 21.2	
ZALV	Zalesovo Beam comp=Z,3.2nm,0.8s,baz=95,slow=5.2,SNR=10	78.97	327	P	P	07 27 33.6	-0.3	FID	Port Fidalgo	80.68	26	P	P	07 27 41.9	-1.1	H24K	Noodor Dome baz=243	82.39	21	IAMB	IAMB	07 27 52.7	+0.7
ZALV	comp=Z,1,um,20.3s,baz=103,slow=35							FID	comp=Z,30nm,1.0s					07 27 45.6		MCARA	McCarthy VSAT comp=Z,32nm,1.2s	82.47	26	IAMB	IAMB	07 27 56.2	
C17K	DeLong Mountai baz=228	79.00	16	P	P	07 27 34.7	+0.9	FID	comp=Z,30nm,1.0s					07 58 51.5		MCARA	McCarthy VSAT baz=248,SNR=8.9	82.47	26	P	P	07 27 52.4	-0.1
E18K	Tukpahleirik C comp=Z,29nm,1.1s	79.04	17	IAMB	IAMB	07 27 37.3		CHKK	Chushikaly baz=315	80.69	315	eP	P	07 27 42.9	-0.5	MESA	MESA baz=249	82.51	28	P	P	07 27 53.4	+0.5
E18K	Tukpahleirik C baz=230,SNR=10	79.04	17	P	P	07 27 34.6	+0.7	A19K	Wainwright baz=229	80.71	15	P	P	07 27 43.6	+0.7	A21K	Barrow baz=249	82.57	15	P	P	07 27 53.7	+1.0
SEW	Seward baz=242,SNR=19	79.07	26	P	P	07 27 34.4	+0.1	WAT1	Susitna Watana baz=242	80.73	24	P	P	07 27 43.6	+0.3	RIDG	Independent Ri comp=Z,48nm,1.2s	82.64	24	P	P	07 27 53.5	+0.1
UZB	Uzymbulak baz=315	79.08	315	eP	P	07 27 34.2	-0.8	G21K	Allakaket baz=242	80.75	20	P	P	07 27 43.0	-0.3	RIDG	Independent Ri comp=Z,48nm,1.2s					07 59 13.7	
SKT	Skwentna comp=Z,1,um,22.0s	79.10	24	IAMS_20	IAMS_20	07 56 04.4		G21K	Allakaket baz=237,SNR=24	80.75	20	P	P	07 27 44.0	+0.8	RIDG	Independent Ri baz=246,SNR=22	82.64	24	P	P	07 27 54.3	+1.0
SKT	Skwentna baz=240,SNR=6.5	79.10	24	P	P	07 27 34.3	-0.2	SCM	Sheep Creek Mo baz=244,SNR=16	80.78	25	IAMS_20	IAMS_20	07 58 22.9		J25K	Salcha River, J25K	82.79	23	P	P	07 27 53.4	-0.8
O22K	Cooper Landing comp=Z,1,um,22.0s	79.13	26	IAMS_20	IAMS_20	07 55 52.2		SCM	Sheep Creek Mo baz=244,SNR=16	80.78	25	P	P	07 27 43.8	+0.1	J25K	Salcha River, baz=245,SNR=63	82.80	27	IAMB	IAMB	07 28 06.8	
O22K	Cooper Landing baz=242,SNR=8.2	79.13	26	P	P	07 27 34.8	+0.2	E20K	Nigu River baz=244,SNR=18	80.88	18	P	P	07 27 44.2	+0.2	A22K	Sinclair Lake baz=235	82.81	16	P	P	07 27 54.7	+0.7
SUA	Susitna One comp=Z,1,um,22.0s	79.17	25	IAMS_20	IAMS_20	07 57 32.2		RND	Reindeer	80.88	23	P	P	07 27 43.2	-0.9	E23K	Chandalar E23K	82.84	19	P	P	07 27 53.3	-1.1
SUA	Susitna One baz=241,SNR=13	79.17	25	P	P	07 27 34.8	-0.2	RND	Reindeer	80.88	23	P	P	07 27 43.2	-0.9	E23K	Chandalar comp=Z,33nm,1.1s	82.84	19	P	P	07 27 57.3	
H19K	Roundabout Mou comp=Z,1,um,22.0s	79.20	20	P	P	07 27 35.3	+0.5	EYAK	Cordova Ski Ar baz=245,SNR=6.4	80.92	27	P	P	07 27 45.0	+0.8	E23K	Chandalar baz=241,SNR=21	82.84	19	P	P	07 27 55.1	+0.7
H19K	Roundabout Mou baz=239,SNR=39	79.20	20	P	P	07 27 35.5	+0.7	EYAK	Cordova Ski Ar baz=245,SNR=6.4	80.92	27	P	P	07 27 44.5	+0.3	B22K	Teshkepuk Lake baz=237	82.87	16	IAMS_20	IAMS_20	07 59 57.5	
FIS	Fire Island comp=Z,1,um,22.0s	79.24	25	IAMS_20	IAMS_20	07 57 22.9		MLY	Manley comp=Z,54nm,1.4s	80.95	22	IAMB	IAMB	07 27 47.9		B22K	Teshkepuk Lake comp=Z,29nm,21.0s	82.87	16	P	P	07 27 54.9	+0.6
J20K	Nowinta River comp=Z,42nm,1.1s	79.25	22	IAMB	IAMB	07 27 38.5		MLY	Manley baz=240,SNR=21	80.95	22	P	P	07 27 44.8	+0.4	M26K	Nabesna, AK baz=248,SNR=8.6	82.88	26	IAMS_20	IAMS_20	08 00 01.2	
J20K	Nowinta River baz=242,SNR=36	79.25	22	P	P	07 27 35.4	+0.3	WAT6	Susitna Watana baz=242,SNR=22	80.95	24	P	P	07 27 45.0	+0.4	M26K	Nabesna, AK baz=248,SNR=8.6	82.88	26	P	P	07 27 55.2	+0.6
PPLA	Purkeypile baz=239	79.23	21	P	P	07 27 36.0	+0.3	MCK	McKinley baz=242,SNR=40	81.00	23	P	P	07 27 45.6	+0.9	G24K	Hadweenic Riv comp=Z,29nm,1.1s	82.93	21	IAMB	IAMB	07 27 58.3	
G19K	Purcell Mounta G19K	79.35	19	P	P	07 27 34.7	-1.0	D20K	Etiivuk River baz=244,SNR=8.6	81.02	17	P	P	07 27 45.3	+0.6	G24K	Hadweenic Riv baz=243,SNR=22	82.96	18	IAMS_20	IAMS_20	08 00 23.9	
G19K	Purcell Mounta comp=Z,1,um,22.0s	79.35	19	P	P	07 27 36.2	+0.5	F21K	Alatina River baz=237,SNR=7.7	81.14	19	P	P	07 27 46.3	+0.9	D23K	Nanushuk River comp=Z,1,um,22.0s	82.96	18	P	P	07 27 55.4	+0.5
KPKS	Kokpek baz=315	79.40	315	eP	P	07 27 35.9	-0.7	F21K	Alatina River baz=237,SNR=7.7	81.14	19	P	P	07 27 46.7	+1.3	L26K	Log Cabin Wild comp=Z,45nm,1.6s	82.97	25	IAMB	IAMB	07 27 58.7	
RC01	Rabbit Creek A comp=Z,72nm,1.4s	79.42	25	IAMB	IAMB	07 27 39.4		H22K	Ishlitalina Cre baz=239,SNR=14	81.16	21	P	P	07 27 46.1	+0.6	L26K	Log Cabin Wild comp=Z,45nm,1.6s					07 59 41.5	
RC01	Rabbit Creek A baz=242,SNR=18	79.42	25	P	P	07 27 36.4	+0.3	KLU	Klutina comp=Z,48nm,1.1s	81.24	26	IAMB	IAMB	07 27 49.8		L26K	Log Cabin Wild comp=Z,45nm,1.6s	82.97	25	P	P	07 27 55.3	+0.3
I20K	Naagheedeneel baz=237,SNR=18	79.47	21	P	P	07 27 36.5	+0.2	KLU	Klutina baz=245,SNR=28	81.24	26	P	P	07 27 46.9	+0.8	BTL	Baital comp=Z,31nm,1.1s,baz=315	83.02	316	eP	P	07 27 55.2	-0.5
SATY	Saty baz=315	79.49	315	eP	P	07 27 36.4	-0.8	KAIM	Kayak Island comp=Z,51nm,1.3s	81.27	28	IAMB	IAMB	07 27 50.2		CTG	Chitna Glacier baz=249,SNR=16	83.08	27	P	P	07 27 56.2	+0.4
ZHN	Zhinshike baz=315	79.50	315	eP	P	07 27 36.4	-0.7	KAIM	Kayak Island baz=247	81.27	28	P	P	07 27 46.1	0.0	CTGM	Chitna Glacie comp=Z,26nm,1.0s	83.08	27	P	P	07 27 55.1	-0.7
F19K	Shalercuk Mo comp=Z,34nm,1.1s	79.54	18	IAMB	IAMB	07 27 39.6		DHY	Denali Highway comp=Z,48nm,1.2s	81.32	24	IAMB	IAMB	07 27 57.2		CTGM	Chitna Glacie comp=Z,26nm,1.0s					07 27 59.1	
F19K	Shalercuk Mo baz=233,SNR=22	79.54	18	P	P	07 27 36.9	+0.2	DHY	Denali Highway comp=Z,48nm,1.2s	81.32	24	P	P	07 27 47.1	+0.5	SCRK	Sand Creek comp=Z,26nm,1.4s	83.08	24	P	P	07 27 54.8	-0.9
M22K	Willow comp=Z,1,um,21.0s	79.57	25	IAMS_20	IAMS_20	07 58 06.8		RAGM	Ragged Mountai comp=Z,56nm,1.2s	81.34	27	IAMB	IAMB	07 27 50.4		SCRK	Sand Creek baz=249,SNR=16	83.08	24	IAMB	IAMB	07 27 58.9	
M22K	Willow baz=241,SNR=10	79.57	25	P	P	07 27 37.1	+0.1	NIL	Nilore	81.35	305	P	P	07 27 47.2	0.0	SCRK	Sand Creek comp=Z,26nm,1.4s					07 59 38.4	
TARG	Taragay, Kyrgy Utukok River	79.58	313	P	P	07 27 35.5	-2.5	NIL	Nilore	81.35	305	P	P	07 27 47.2	0.0	SCRK	Sand Creek comp=Z,26nm,1.4s	83.08	24	P	P	07 27 54.8	-0.9
C18K	Utukok River baz=230	79.66	16	P	P	07 27 37.3	-0.1	NEA2	Nenana comp=Z,31nm,1.0s	81.36	22	P	P	07 27 45.6	-1.0	SCRK	Sand Creek comp=Z,26nm,1.4s					07 59 38.4	
H20K	Anotleneega Mo baz=236,SNR=27	79.72	20	P	P	07 27 38.5	+0.8	NEA2	Nenana comp=Z,48nm,1.3s	81.36	22	P	P	07 27 46.7	+0.2	SCRK	Sand Creek baz=246,SNR=14	83.08	24	P	P	07 27 55.8	0.0
CHUM	Lake Minchumin baz=239	79.77	22	P	P	07 27 38.3	+0.3	M24K	Tolsona, Glenn comp=Z,1,um,21.0s	81.39	25	IAMS_20	IAMS_20	07 58 52.0		PRP	Porcupine Dome comp=Z,29nm,21.0s	83.12	22	P	P	07 27 54.9	-1.0
CUT	Chulitna comp=Z,44nm,1.2s	79.83	24	IAMB	IAMB	07 28 05.8		M24K	Tolsona, Glenn baz=242,SNR=11	81.39	25	P	P	07 27 47.0	+0.2	PRP	Porcupine Dome baz=242,SNR=9.2	83.12	22	P	P	07 27 55.3	-0.6
CUT	Chulitna baz=241	79.83	24	P	P	07 27 38.6	+0.3	KURK	Kurchatov baz=242,SNR=13	81.47	322	P	P	07 27 47.0	-0.4	TOLK	Toolik Lake Re comp=Z,20nm,1.1s	83.14	19	IAMB	IAMB	07 27 58.5	
PMR	Palmer comp=Z,41nm,1.2s	79.91	25	P	P	07 27 38.1	-0.7	KURBB	Kurchatov Arra comp=Z,7.6nm,1.1s,baz=106,slow=4.2,SNR=25	81.50	322	P	P	07 27 47.4	-0.2	TOLK	Toolik Lake Re comp=Z,20nm,1.1s					08 00 59.8	
PMR	Palmer	79.91	25	P	P	07 27 39.0	+0.2	HMT	Hamilton comp=Z,62nm,18.0s	81.51	27	IAMS_20	IAMS_20	08 10 23.1		T							

3d 7h

2018 SEP

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like P29M Windy Craggy, G26K Porcupine River, YUK4 Talbot Arm, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like J30M Hart River, V35K Ketchikan, G29M Pine Creek, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like E08A Dider Farm, ISA G08A Isabella Lake, RYN Ryan, etc.

Table with columns: IAMS_20, IAMS_20, 08 10, 25.7, etc. Rows include stations like SDCO, BRIGG, KEV, KSCO, etc.

Table with columns: CLL, Collm, 12.80, 20.0, IAMS_20, IAMS_20, 08 28, 12.2, etc. Rows include stations like PRU, PRA, P52A, etc.

Table with columns: GDHS, Morne Mazeau, 146.23, 66, IAMS_20, IAMS_20, 08 31, 10.6, etc. Rows include stations like ABD, CBE, GDSD, etc.

IDC 03 07:44:24.7.2.2.7.28S:128.32E, h0km, mb3.8/2, mbmp3.9/4, ML4.0/2, Error ellipse: s-maj=292.2km s-min=29.6km az=66.0

ISC 03 07:44:32.0.1.3.7.35:0.2:128.3E:0.2, h50km, n12, az=14.1/2, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like DRB, MDN, KTD, etc.

IDC 03 07:58:56.9.3.1.53:56N:87.72E, h0km, mbmp2.8/2, ML2.5/2, Error ellipse: s-maj=29.1km s-min=17.9km az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like I46RU, ZALV, ZALV, etc.

IDC 03 08:24:45.9.2.2.17:98S:178.25W, h590km, 25km, mb2.7/6, mbmp3.6/7, Error ellipse: s-maj=46.1km s-min=22.4km az=154.0

ISC 03 08:24:45.8.1.0.18:0S:0.3:178.2W:0.2, h590km, n7, az=48.7/7, mb3.2/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like MSFV, STKA, WRA, etc.

ISC 03 08:25:20.8.2.3.34:40N:45.75E, h25km, ML3.8, IDC 03 08:25:20.7.1.2.34:41N:45.31E, h0km, mb3.9/9, mbmp4.0/9, Error ellipse: s-maj=29.0km s-min=22.9km az=116.0

NEIC 03 08:25:21.1.2.3.34:46N:0.0:44.5E:0.0/8, h10km, 1km, mb4.4/2, Error ellipse: s-maj=10.5km s-min=6.5km az=86.0

TEH 03 08:25:21.3.34:40N:45.71E, h10km, 12km, ML3.7, ISC 03 08:25:21.1.0.8.34:40N:0.0:45.62E:0.4, h15km, 5km, n109, az132/111, mb4.4/29, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like KGSJ, GLGI, IDHR, etc.

3d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILSW, GHO, J18K, K20K, SCM, J20K, RND, CCB, TXAR, ILAR, PDAR, CMAR, BRTR, MMAI, GERES.

WEL 03:09:15-09:4, 45°S, 176°E, h11km, mbmp3.6/2, ML3.9/22, MLV3.6/12, Error ellipse: s-maj=0.0km s-min=0.0km az=68.9, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSZ, MLZ, DCZ, WKZ, JCK, WHZ, EAZ, TUZ, LBZ, FOF, SYZ, ARZ, ODZ, HHSZ, GCSZ, ARZ, RPZ, WVZ, MHCZ, WACZ, INZ, OXZ, LTZ, DSZ, THZ, MRZ, TKNZ, TNZ, TUWZ, VRZ, WNVZ, KMRZ.

IDC 03:09:29:53.6, 3.4, 53.72N, 90°16'E, h0km, mbmp3.6/2, ML3.4/2, Error ellipse: s-maj=28.2km s-min=22.6km az=49.0

NNC 03:09:29:59.8, 2.6, 53.27N, 90°25'E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=21.0km s-min=16.9km az=106.0, Suspected Mining explosion.

ISC 03:09:29:55.1, 4.1, 53.77N, 01°49.4'E, h0km, n10, 0°76/13, 6C-6D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU, ZAAO, ZALV, KURK, KURB, KURBB, MK31, MKAR, MKAR, MKAR, MAZK, MAZK, BVAR.

IDC 03:09:50:20.8, 1.5, 0°01'N, 121°89'E, h0km, mb3.8/4, mbmp3.9/4, Error ellipse: s-maj=220.8km s-min=24.9km az=60.0

DJA 03:09:50:37.6, 0.5, 0°14'N, 122°21'E, h156km, M3.7/10, mb3.8/2, ML3.6/10

ISC 03:09:50:38.4, 0.9, 0°14'N, 0°07', 122°43'E, 0.06, h150km, n11, 0°190/16, mb3.8/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MRSI, GTOI, LUWI, KMSI, MPMI.

2018 SEP

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

IDC 03:09:53:30.9, 6.7, 22°85'N, 144°19'E, h76km, 60km, mb3.7/16, mbmp4.0/16, Error ellipse: s-maj=36.7km s-min=13.9km az=79.0

ISC 03:09:53:26.0, 0.9, 22°85'N, 01°14'42'E, 0.3, h34km, n23, 0°574/16, mb4.0/15, Volcano Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSRs, H1N1, H1N2, H1N3, H1S3, H1S1, H1S2, USRK, KLR, SOMN, WRA, ASAR, ZALV, STKA, MKAR, KURBB, ILAR, BVAR, KBZ, FINES, AKASO, BRTR, PLCA.

IDC 03:10:12:11.5, 1.9, 59°84'N, 152°61'W, h76km, 23km, mb3.6/7, mbmp4.0/11, MS2.2/1, Error ellipse: s-maj=23.1km s-min=15.0km az=117.0

ISC 03:10:12:12.5, 0.7, 59°85'N, 0°04', 152°41'W, 0.04, h87km, 6km, n141, 0°097/2151, mb4.0/7, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like O20K, O20K, O20K, H10M, P19K, O19K, O19K, Q01K, N20K, N20K, O18K, O18K, O18K, N19K, O22K, P18K, SEW, Q18K, SUA, RC01, N18K, SWVZ, M20K, KDAK, KDAK, KDAK, P17K, M22K, PWL, M19K, M18K, O17K.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMR, Q17K, KNK, L19K, OHAK, L20K, CUT, SML, GLI, O16K, M17K, P16K, M23K, PPLA, MID, L18K, SCM, N16K, EYAK, EYAK, SII, M16K, WAT1, WAT6, KLU, K20K, L17K, M24K, O15K, L16K, BMRM, D18Y, JHK, N25K, MCK, BPWA, HARP, CHIR, J20K, J19K, PAX, N14K, J17K, L15K, MCARA, NEA2, I20K, K24K, K15K, J16K, M26K, HDA, MLY, MESA, L14K, RIDG, COLA, I23K, ILAR, ILAR, CTG, M27K, SCRK, POKR, H20K, H21K, H19K, L27K, H22K, PINM, O28M, H17K, J26L, CHNA, PRP, PNL, PNL, G18K, O29M, G23K, M29M, F20K, P29M, COLD.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like G25K Bearman Lake, L29M L29M, N30M Aishikik Lake, etc.

IDC 03 10:13:45.9, 2.0, 3.70N-126.84E, h0km, mb3.3/4, mbtmp3.3/4, Error ellipse: s-maj=171.9km s-min=24.5km az=66.0, Talaud Islands

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

IDC 03 10:39:33.3, 1.6, 34.76N-26.22E, h0km, mb3.8/3, mbtmp3.6/4, ML4.0/1, Error ellipse: s-maj=72.4km s-min=27.3km az=136.0

THE 03 10:39:33.8, 34.92N-25.91E, h3km, mb3.2, ML2.8/3, Error ellipse: s-maj=3.6km s-min=0.6km az=161.0

ISK 03 10:39:33.1, 34.92N-26.02E, h29km, ML3.1/7, ATH 03 10:39:35.9, 35.01N-25.95E, h15km, mb3.0/3, Error ellipse: s-maj=7.2km s-min=1.3km az=357.0

IDC 03 10:39:34.6, 1.2, 35.06N-1.009, 25.92E, 0.03, h15km, g9km, n35, e130/43, mb3.6/3, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZKR Zakros, IACM Heraklion, IDI Anoyia, etc.

IDC 03 10:48:13.5, 2.9, 19.87N-120.66E, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=279.7km s-min=21.2km az=62.0, Philippine Islands region

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

NNC 03 11:19:55.8, 2.4, 51.44N-75.06E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=89.6km s-min=15.0km az=26.0, Suspected Mining explosion.

IDC 03 11:20:00.6, 1.1, 51.65N-75.75E, h0km, mbtmp2.7/3, ML2.0/3, Error ellipse: s-maj=34.5km s-min=8.2km az=30.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, KURBB Kurchatov Arr, BVAR Borovoye Array, etc.

IDC 03 11:47:35.3, 7.2, 22.88N-144.00E, h33km, mb3.8/19, mbtmp4.0/20, ML3.2/1, MS3.4/18, Error ellipse: s-maj=23.5km s-min=13.8km az=78.0

NEIC 03 11:47:36.2, 1.4, 22.82N-109.144, 1E:0.1, h35km, 2km, mb4.6/35, Error ellipse: s-maj=17.8km s-min=13.0km az=130.0

IDC 03 11:47:35.2, 0.6, 22.83N-108.144, 1E:0.1, h34km, n84, e97/70, mb4.4/37, MS3.4/17, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, etc.

KRSC 03 12:05:31.9, 1.4, 51.11N-157.30E, h56km, 18km, MI4.0, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KDTR Khodutka, SKR Severo-Kuril's, SKR Asacha, etc.

IDC 03 12:05:56.0, 4.5, 17.96S-178.35W, h604km, 24km, mb2.9/3, mbtmp4.0/4, Error ellipse: s-maj=129.1km s-min=97.1km az=154.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonavsu, STKA Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi, KDAK Kodiak Island, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KIRV Kirov, ARCES ARCESS Array B, NEW Newport, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KDTR Khodutka, SKR Severo-Kuril's, SKR Asacha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MACA Manacapuru-AM, ANMO Albuquerque, LPIG La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, GERES GERES Array B, VRAC Vranov, etc.

IDC 03 14:40:25.1±2.1, 38.42N; 142.27E, h0km, mb3.4/3, mbtm3.6/5, ML2.9/2, MS3.2/3, Error ellipse: s-maj=42.9km s-min=33.9km az=69.0

JMA 03 14:40:34.7±0.1, 38.22N; 141.16E, h5.1km, MV3.6/37, KINKAZAN REGION, JMA Felt 1 J1 at KINKAZAN REGION

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JIKH Ishinomakikobu, JIKH JIKH, JIO Ouri, etc.

IDC 03 14:45:36.1±6.4, 23.89N; 109.10W, h0km, mbtm2.9/3, ML3.3/3.5, Error ellipse: s-maj=79.8km s-min=13.8km az=164.0

MEX 03 14:45:48.4±0.6, 24.78N; 109.22W, h16km, mbtm7km, MD4.0, ISC 03 14:45:44.5±1.3, 24.76N; 109.04W, h1km, n10km, n17, e181/23, 3C-5D, Gulf of California

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like IDC 03 15:56:15.4±57.0, 17.08S; 178.76W, h568km, mbtm3.8/4, Error ellipse: s-maj=1092.0km s-min=141.4km az=79.0, Fiji Islands region

ANF 03 16:10:15.7±0.7, 56.10N; 135.27W, h7km, 4km, Error ellipse: s-maj=5.2km s-min=2.4km az=34.0, ISC 16:10:19.1±0.1, 56.06N; 135.39W; 0.05, h1km, n11km, n6, e133/90, Southeastern Alaska

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Port Wells, Paxson, Knik Glacier, Sawmill, Susitna Watana, Eagle, Mount Dempster, Denali Highway, Donnelly Dome, Susitna One, Peel River, Salcha River, Old Harbor, Oil Pt, Skwentna, Cape Douglas, Bear Paw Mtn.

IDC 03 16:31:13.7±7.3, 1770S×1379W, h0km, mb3.7/3, mbtmp3.7/3, MS3.4/20, Error ellipse: s-maj=444.2km s-min=145.1km az=112.0, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Dimbokro, Brasilia, Torodi Ar. Bea, Kiliwa Mbogo, Paso Flores, Sonseca Array, Furi, Vatuarnera, Atahualpa, El Rosal, Elat, Davos/Dischmat, Keskin Array B, South Pole Qui, Las Juntas de, Malin Array Be, NORRAR Array B, Tepich.

DJA 03 16:35:22.2±1.3, 1°N, 5°11'E, h12km±12km, M3.9/9, mb4.7/1, MLv3.5/9, Borneo

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Mapaga, Samarinda, Balikpapan, Marisa, Gorontalo, Cibinong.

CRAAG 03 16:36:43.2, 36°52'N, 3°35'E, M2.8, Algeria 11km NE

MDD 03 16:36:45.5±1.7, 36°64'N, 3°33'E, h0km, Mb3.9/4, M, mb3.2/4, Error ellipse: s-maj=16.5km s-min=6.7km

ISC 03 16:36:44.6±1.4, 36°56'N, 0°06'34"E, 0°09, h18km, n9, #130/12, 3C, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Alger-Bouzarea, Djebel Djouab, Douera, Chrea, Djebel Mahouad, Sidi Amar, Ibiz, Mallorca, Mosqueruela.

TAP 03 16:37:10.6, 24°83'N, 122°00'E, h90km, ML4.1, B

JMA 03 16:37:10.3±0.2, 25°N, 1°12'E, 0E:0.5, h91km±1km, M3.4/16, TAIWAN REGION

ISC 03 16:37:10.6±1.2, 24°83'N, 0°03:122°01'E:0.02, h91km±5km, #181, #83/18, 66C-5D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Toucheng, Santiao Chiao, Shuangxi, Ilan, Suao.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Grass Mountain, Su ao, Wu-fen Shan, Wu-fen Shan, National Taiwa, Dongschan, Fushanzhiwuyua, Mucha, Wuta, Nioudou, HNTT, Taipei, Xindian Distri, EOSE, Wulai, Nanau, Taipei, Datong, Datong Townshi, Datong, Aohua, Anpu, Heping Village, Chenuha, Shiguan, Datong, Yeheng, Kuangyinshan, Danshu, EOSE, Sanguang, Taoyuan, Datong, NNSB, Datong, NNSH, Nan Shan, NACB, Fush Village, Zhongli, EOSA, Xiulin Townshi, Pengchayiu, Wufeng Townshi.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Chiawan, Zhuhong, Xiniu Township, Hsinchu, Fushou, Emei, Hwalien, Hsinchu, Yonagunijimaku, Nanjuang, Hsinchu, Tachien, Hehuan Shan, Techi, Xiu Townshi, Yonaguni jima, Yonaguni jima, Tongmen, Yanluo Village, Zhunan, Renai, Taichung City, Shoufeng, Shilin, Miaoli, Renai, Jichi Village, Sanyi, Liyuan, Fenglin Townsh, Beigang Elemen, Guoxing, Guangfu, Wudong, Yucheng, Shuanglung, Wufeng, Ruisui, Hungye, Zhonghua, Nantou City.

3d 18h

Table with columns: BHB, Bricherasio, 1.38 352, P, Pn, 17 37 53.4 -0.5

IDC 03 17:45:55.7±1.5, 20°28'N: 145°59'E, h0km, mb3.8/8, mbmp3.8/8, Error ellipse: s-maj=61.9km s-min=20.2km az=88.0

ISC 03 17:46:07.4±1.5, 20°22'N: 145°7'E, h0.4, h100km, n11, o±26°8, mb3.7/8, Mariana Islands

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

UPP 03 17:46:33.5±0.1, 67°85'N: 20°22'E, h0km, ML2.5, Confirmed Induced event

HEL 03 17:46:33.7±0.2, 67°82'N: 20°13'E, h0km, ML1.5, Suspected explosion

BER 03 17:46:37.4±1.2, 67°99'N: 20°29'E, h0km, ML1.5, Suspected explosion

ISC 03 17:46:34.0±0.8, 67°83'N: 0°02'-20°21'E: 0.02, h0km, n29, e±117/47, Sweden

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

DJA 03 18:07:14.4±1.3, 10°S: 5°11'E, h33km, 23km, M3.7/8, mb4.0/1, ML3.6/3, South of Sumbawa

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

2018 SEP

PWJI Pagerwojo 7.19 288 P Pn 18 08 57.7 +0.4

GCG 03 18:11:34.2±2.3, 15°17'N: 91°74'W, h149km, MD4.3, NEIC 03 18:11:34.5±2.5, 15°07'N: 10°91'W: 0.1, h179km, 6km, mb4.6/172, Error ellipse: s-maj=17.1km s-min=10.1km az=225.0

IDC 03 18:11:35.0±0.7, 15°17'N: 91°21'W, h185km, 5km, mb3.7/13, mbmp4.2/16, MS2, 9/2, Error ellipse: s-maj=17.9km s-min=10.0km az=65.0

CATAC 03 18:11:35.1±0.9, 15°09'N: 91°58'W, h159km, 6km, ML7.0, ISC 03 18:11:33.4±0.6, 15°05'N: 0°05'-91°56'W: 0.05, h174km, 5km, h168, e±120/119, mb4.6/68, 4C-2D, Mexico-Guatemala border region

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

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Table with columns: X51A, Calhoun, 20.35 16, Iamb, Iamb, 18 16 00.2

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KIV Kislovodsk, AKASG Malin Arry Be, WRA Warramunga Arr, etc.

IDC 03 19:01:54.3:1.8,5.67S:145.52E,h0km,mb3.5/2, mbtpm3.9/16,ML2.9/1,MS3.7/2, Error ellipse: s-maj=60.6km s-min=30.0km az=112.0, Eastern New Guinea region

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

IDC 03 19:24:15.8:0.8,13.98S:76.23W,h0km,mb3.8/11, mbtpm3.9/16,ML4.0/5,MS3.2/6, Error ellipse: s-maj=31.0km s-min=13.1km az=59.0, NEIC 03 19:24:14.1:1.6,13.97S:0.07E:71W:0.1,h35km,8km, mb4.4/21, Error ellipse: s-maj=16.6km s-min=7.9km az=67.0

VAO 03 19:24:27.1:0.8,13.68S:75.26W,h10km,mb4.2, ISC 03 19:24:22.1:0.5,13.92S:0.05E:76.01W:0.07,h49km,n75, s167/65,mb3.8/17,MS3.2/4, Near coast of Peru

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NNA Nana, CZSB Cruzeiro do Su, AP01 Chacaluta, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SLOR San Lorenzo, ANTS Antisana-Sarah, SAML Samuel, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, MDP Montages des, TXAR Lajitas Arry, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TORO Torodi Arr, ESCD Sonseca Array, ILAR Eielson Array, etc.

MOS 03 19:31:21.2:1.3,4.77N:152.91E,h82km,mb4.4/1, Error ellipse: s-maj=12.1km s-min=8.1km az=61.6, SKHL 03 19:31:21.5:0.1,4.6:90N:153.20E,h90km,9km,mb4.8/6, msh5.6/5

NEIC 03 19:31:23.9:1.4,4.77N:0.1:152.5E:0.2,h81km,6km, mb4.3/46, Error ellipse: s-maj=19.7km s-min=11.2km az=134.0

IDC 03 19:31:25.2:2.1,4.77N:152.76E,h96km,18km,mb3.5/19, mbtpm3.9/25,MS3.2/7, Error ellipse: s-maj=19.3km s-min=11.2km az=145.0

ISC 03 19:31:24.8:0.6,47.20N:0.08:152.73E:0.07,h100km, n119,s142/115,mb2.4/43,2C,Kuril Islands

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ASAJ S, ERM Erimo, JTM Kamabayashi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H21K Melozina Hy, E22K Anaktuvuk Pass, G23K Bananza Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MDM Murphy Dome, SML Sawmill, D24K Happy Valley, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BMAR Burnt Mountain, C27K Jago River, K27K Chicken, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BCAR Beaver Creek A, GRNC Granite Creek, I28M Miner Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Q32M Nakina River, R33M Jennings River, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, KURK Kurchatov, KURB Kurchatov Arra, etc.

AFDM	Forest Hills D	87.04	47	I	Amb	I	19 45 48.6
F15K	North Star Dit	87.06	10	P	P	P	19 45 46.4 +0.1
PMR	Palmer	87.17	18	P	P	P	19 45 46.6 -0.3
G16K	Koyuk River	87.19	11	P	P	P	19 45 46.8 0.0
YBH	Yreka Blue Hor	87.19	44	P	P	P	19 45 48.3 +0.7
YBH	comp-Z,11nm,0.8s			I	Amb	I	19 45 49.9
KNK	Knik Glacier	87.23	19	P	P	P	19 45 47.2 0.0
K20K	Telida	87.24	16	P	P	P	19 45 47.0 -0.2
GLI	Glacier Island	87.25	20	P	P	P	19 45 47.2 -0.1
H17K	Granite Mounta	87.26	13	P	P	P	19 45 47.8 +0.6
ISA	Isabella, Lake	87.34	51	I	Amb	I	19 45 50.3
J19K	Poorman	87.39	15	P	P	P	19 45 48.3 +0.4
KAMK	Kayak Island	87.42	21	P	P	P	19 45 48.4 +0.3
EYAK	Cordova Ski Ar	87.43	20	P	P	P	19 45 48.1 0.0
HUMO	Hull Mountain	87.46	43	I	Amb	I	19 45 51.2
SONM	Songino Array	87.52	323	P	P	P	19 45 49.2 +0.2
	comp-Z,0.9nm,0.6s,baz=147,slow=7.7,SNR=4.1						
SML	Sawmill	87.58	19	P	P	P	19 45 49.5 +0.6
G17K	Kiwalik Mounta	87.61	12	P	P	P	19 45 49.5 +0.6
GCSA	Galena City Sc	87.74	14	P	P	P	19 45 50.3 +0.8
M23K	Glacier View	87.75	19	P	P	P	19 45 50.1 +0.4
H18K	Honhosa River	87.77	13	P	P	P	19 45 49.9 +0.2
MDPB	Devils Postpil	87.77	49	I	Amb	I	19 45 52.6
OMMB	Old Mammoth Mi	87.82	49	I	Amb	I	19 45 53.6
J20K	Nawinta River	87.90	15	P	P	P	19 45 51.2 +0.9
SCM	Sheep Creek Mo	87.90	19	P	P	P	19 45 51.3 +0.8
WAKR	Walker	87.91	48	I	Amb	I	19 45 53.4
BFLC	Bering Glacier	87.95	22	P	P	P	19 45 51.8 +1.2
PGO	Pinyon Flats O	87.96	53	P	I	Amb	19 45 52.0 +0.5
	comp-Z,2.7nm,1.9s						
TPFO	Pinon Flats	87.96	53	P	P	P	19 45 50.9 -0.6
PNTR	Pine Nut	88.06	47	I	Amb	I	19 45 54.0
KLU	Klutina	88.08	20	P	P	P	19 45 52.1 +0.8
CHUM	Lake Minchumin	88.12	16	P	P	P	19 45 52.3 +1.0
BMRM	Bremner River	88.12	20	P	P	P	19 45 52.6 +1.1
F17K	Baldwin Pennin	88.33	11	P	P	P	19 45 53.0 +0.8
I20K	Naaghedeneel	88.34	15	P	P	P	19 45 53.8 +1.5
G18K	Tagagawik	88.35	12	P	P	P	19 45 53.0 +0.6
TROLL	Troll, Antarti	88.41	184	I	P	P	19 45 52.2 -0.8
DSP	Deep Springs	88.45	49	I	Amb	I	19 45 56.2
MESA	MESA	88.46	22	P	P	P	19 45 53.9 +0.7
CRQE	Cirque	88.47	21	P	P	P	19 45 53.5 +0.3
PAHR	Pah Rah Range	88.48	47	I	Amb	I	19 45 55.7
H19K	Roundabout Mou	88.50	13	P	P	P	19 45 53.5 +0.5
N25K	Chitina, Valde	88.59	20	P	P	P	19 45 53.9 +0.2
BPAW	Bear Paw Mtn.	88.64	16	P	P	P	19 45 54.6 +0.8
NVAR	Mina Array Bea	88.67	48	P	P	P	19 45 55.2 +0.4
NVAR	Mina Array Bea	88.67	48	P	P	P	19 45 55.0 +0.2
	comp-Z,4.6nm,0.7s,baz=230,slow=7.0,SNR=36						
RND	Reindeer	88.67	17	I	Amb	I	19 45 56.8
F18K	Selawik	88.77	12	P	P	P	19 45 55.0 +0.7
NV11	Mina Array Sit	88.78	48	I	Amb	I	19 45 57.1
E17K	Hotah Inlet	88.80	11	P	P	P	19 45 55.2 +0.7
H20K	Anotlieneega Mo	88.83	14	P	P	P	19 45 55.2 +0.5
DHY	Denali Highway	88.84	18	P	P	P	19 45 55.6 +0.7
GWY	Greenwater Val	88.89	51	I	Amb	I	19 45 57.9
G19K	Purcell Mounta	88.89	13	P	P	P	19 45 55.7 +0.8
MCK	McKinley	88.91	17	P	P	P	19 45 55.7 +0.6
CRAG	Craig	88.91	29	P	P	P	19 45 55.1 0.0
H04A	Devil Lake	88.95	42	I	Amb	I	19 45 57.1
HARP	HAARP	89.00	19	P	P	P	19 45 56.2 +0.6
PNL	Peninsula	89.03	23	P	P	P	19 45 55.5 -0.2
SNA	Sanae	89.03	182	P	P	P	19 45 54.2 -1.6
SNA	Sanae	89.03	182	I	P	P	19 45 54.7 -1.1
SNA	Sanae	89.03	182	P	P	P	19 45 54.3 -1.5
	comp-Z,2.2nm,0.6s,baz=216,slow=6.5,SNR=18						
S31K	Pelican	89.13	26	P	P	P	19 45 56.3 +0.2
D17K	Noatak River	89.14	10	P	P	P	19 45 56.7 +0.7
WCT	Wildcat Mounta	89.17	50	I	Amb	I	19 45 58.7
CTG	Chitna Glacier	89.23	22	P	P	P	19 45 56.4 -0.4
U33K	Whale Pass	89.30	28	P	P	P	19 45 57.4 +0.4
C16K	Lisburne Hills	89.31	9	P	P	P	19 45 58.0 +1.2
E18K	Tukpahlearik C	89.32	11	P	P	P	19 45 57.0 +0.1
PINE	Pine Mountain	89.32	43	I	Amb	I	19 45 59.8
PAX	Paxson	89.33	19	P	P	P	19 45 57.6 +0.4
F19K	Shaleruckik Mo	89.35	12	P	P	P	19 45 56.9 -0.1
H21K	Melozitna Rive	89.45	15	P	P	P	19 45 57.8 +0.2
MLY	Manley	89.45	16	P	P	P	19 45 58.1 +0.5
RDOG	Red Dog Mine	89.49	10	P	P	P	19 45 57.9 +0.2
BLYC	Blythe	89.49	54	I	Amb	I	19 46 00.6
O28M	Mount Upton	89.50	22	P	P	P	19 45 57.7 -0.5
S32K	Killisnoo	89.51	27	P	P	P	19 45 57.7 -0.2
TPNV	Topopah Spring	89.51	50	I	Amb	I	19 46 00.4
V35K	Ketchikan	89.51	29	P	P	P	19 45 57.9 -0.1
NEA2	Nemana	89.54	17	P	P	P	19 45 58.6 +0.6
VNA3	Neumayer Olymp	89.61	180	I	P	P	19 45 57.2 -1.2
P29M	Windy Craggy	89.63	24	P	P	P	19 45 58.8 +0.2
M26K	Nabesna, AK	89.69	20	P	P	P	19 45 58.7 -0.2

O29M	Mount Kennedy	89.76	23	P	P	P	19 45 58.9 -0.3
C17K	DeLong Mountai	89.83	10	P	P	P	19 45 59.5 +0.2
WRAK	Wrangell Islan	89.83	28	P	P	P	19 45 59.4 0.0
I23K	Minto, Yukon-K	89.90	16	P	P	P	19 46 00.0 +0.4
VNA2	Neumayer-Watz	89.91	181	I	P	P	19 45 59.0 -0.8
F20K	Avaraart Lake	89.95	13	P	P	P	19 45 59.9 +0.1
GND	Gre Mountain	89.96	39	I	Amb	I	19 46 02.1
HWA	Harding Lake	89.99	17	I	Amb	I	19 46 03.9
HDA	Harding Lake	89.99	17	P	P	P	19 45 59.9 -0.1
H22K	Ishlaltina Cre	89.99	15	P	P	P	19 45 59.7 -0.3
E19K	Redstone River	89.99	12	P	P	P	19 46 00.3 +0.3
G21K	Allakaket	89.99	14	P	P	P	19 45 59.9 -0.2
YUK8	Steele Glacier	90.00	22	P	P	P	19 45 59.9 -0.6
M27K	Edge Creek, AK	90.03	20	P	P	P	19 46 00.6 +0.2
L26K	Log Cabin Wild	90.03	20	P	P	P	19 45 59.8 -0.6
R32K	Eaglest	90.04	26	P	P	P	19 46 00.4 0.0
PLBC	Pleasant Camp	90.05	24	P	P	P	19 45 59.8 -0.7
RIDG	Independent Ri	90.09	19	P	P	P	19 46 00.3 -0.4
YUK3	Moose Creek	90.10	21	P	P	P	19 45 59.8 -1.1
214A	Organ Pipe Nat	90.11	56	P	P	P	19 46 00.1 -1.3
VNA1	Neumayer-Stat	90.19	181	I	P	P	19 45 59.9 -1.2
WVOR	Wild Horse Val	90.21	45	I	Amb	I	19 47 04.0 +2.4
	comp-Z,18nm,0.9s						
P30M	Million Dollar	90.25	24	P	P	P	19 46 01.1 -0.4
YUK6	Outpost Mounta	90.27	23	P	P	P	19 46 01.2 -0.6
ILAR	Eielson Array	90.28	17	P	P	P	19 45 59.5 -2.0
ILAR	Eielson Array	90.28	17	P	P	P	19 45 59.7 -1.7
	comp-Z,2.6nm,0.7s,baz=238,slow=5.3,SNR=14						
C18K	Utukok River	90.31	10	P	P	P	19 46 01.3 -0.2
I07A	Ize	90.38	43	I	Amb	I	19 46 05.0
H23K	Yukon River	90.39	16	P	P	P	19 46 01.3 -0.6
POKR	Poker Plat Res	90.39	17	P	P	P	19 46 00.6 -1.4
YUK4	Talbot Arm	90.44	22	P	P	P	19 46 01.9 -0.6
SKAG	Skagway	90.45	25	I	Amb	I	19 46 03.5
SKAG	Skagway	90.45	25	P	P	P	19 46 01.7 -0.6
W13A	Hualapai Mount	90.51	53	I	Amb	I	19 46 05.3
SCRK	Sand Creek	90.53	19	P	P	P	19 46 01.9 -0.8
L27K	Beaver Creek,	90.54	20	P	P	P	19 46 02.8 +0.1
R11B	Troy Canyon, C	90.57	49	P	P	P	19 46 01.7 -1.9
PRN	Patrore Range	90.57	50	I	Amb	I	19 46 05.6
F21K	Alatna River	90.58	14	P	P	P	19 46 02.6 -0.2
J25K	Salcha River	90.59	18	P	P	P	19 46 03.3 +0.3
D19K	Kuna River	90.72	11	P	P	P	19 46 04.1 +0.7
J08A	Circle Bar Ran	90.72	44	I	Amb	I	19 46 05.7
G22K	Bettles	90.79	14	P	P	P	19 46 03.6 -0.1
H24K	Noodor Dome	90.83	16	P	P	P	19 46 04.3 +0.2
B18K	Kokolik River	90.85	10	P	P	P	19 46 04.2 +0.2
E20K	Nigu River	90.89	12	P	P	P	19 46 04.4 +0.2
G23K	Banana Creek	90.97	15	P	P	P	19 46 05.5 +0.8
C19K	Lookout Ridge	90.99	11	P	P	P	19 46 05.6 +0.9
O30N	Mendenhall	91.00	24	P	P	P	19 46 05.0 +0.1
J26L	Joseph Creek	91.04	18	P	P	P	19 46 05.7 +0.6
N30M	Aishikik Lake	91.08	23	P	P	P	19 46 05.0 -0.3
T35M	Bob Quinn	91.10	28	P	P	P	19 46 05.6 +0.2
LTY	Liberty	91.10	40	I	Amb	I	19 49 39.8
F22K	John River	91.11	14	P	P	P	19 46 05.7 +0.4
K27K	Chicken	91.15	19	P	P	P	19 46 05.8 +0.4
P32M	Atlin	91.18	25	P	P	P	19 46 06.0 +0.2
D20K	Etiwuk River	91.19	12	P	P	P	19 46 06.2 +0.6
PRP	Porcupine Dome	91.22	17	P	P	P	19 46 06.2 +0.2
M29M	Somme Cree	91.24	21	P	P	P	19 46 06.0 -0.1
S34M	Telegraph Cree	91.25	27	P	P	P	19 46 06.2 +0.1
E07A	Sunnyside	91.28	41	I	Amb	I	19 46 09.1
COLD	Coldfoot	91.34	15	P	P	P	19 46 06.5 +0.2
Q32M	Nakina River	91.39	26	P	P	P	19 46 06.5 -0.4
WHY	Whitehorse	91.39	24	P	P	P	19 46 06.5 -0.3
HAWA	Hanford	91.40	41	I	Amb	I	19 46 09.7
E21K	Killik River	91.49	13	P	P	P	19 46 07.2 +0.2
N31M	Braeburn, Yuko	91.57	23	I	Amb	I	19 46 08.6
N31M	Braeburn, Yuko	91.57	23	P	P	P	19 46 07.3 -0.3
E22K	Anaktuvuk Pass	91.70	14	P	P	P	19 46 08.2 +0.2
A19K	Wainwright	91.71	10	P	P	P	19 46 07.9 0.0
I26K	Coal Creek Min	91.74	18	P	P	P	19 46 08.4 +0.3
L29M	L29M	91.80	21	P	P	P	19 46 08.0 -0.6
CCUT	Cedar City	91.86	51	I	Amb	I	19 46 12.6
PSUT	Pine Spring	91.89	50	I	Amb	I	19 46 12.3
M30M	Minto, Yukon	91.91	22	P	P	P	19 46 08.4 -0.7
P33M	Teelin	91.92	25	P	P	P	19 46 09.4 +0.2
C21K	Knifeblade Rid	91.92	12	P	P	P	19 46 08.2 -0.8
EGAK	Eagle	91.96	19	P	P	P	19 46 08.5 -0.7
G25K	Bearman Lake	92.00	16	P	P	P	19 46 09.1 -0.2
DAWY	Dawson	92.03	20	P	P	P	19 46 09.8 -0.7
DLBC	Dease Lake	92.03	27	I	Amb	I	19 49 20.8
DLBC	Dease Lake	92.03	27	P	P	P	19 46 09.8 0.0
D22K	Aviak River	92.12	13	P</			

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Maredous, Wattenberg, Waferdang, Moosalm, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KLY, KKBG, KKBG, KKBTR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like M14K, M14K, C16K, C16K, etc.

BGR 03 19:37:38.3,52:79N:156:10E,h33km,mb4.9
KRSC 03 19:37:56.5,1.5,52:80N:156:77E,h248km,14km,M/3.0
MOS 03 19:37:57.6,0.9,52:83N:156:83E,h249km,14km,M/6.6

YSS Yuzh-Sakhalin 10.86 243 ePN Pn 19 40 28.5 +0.6
SHO Shikotan 11.18 221 ePN Pmax 19 40 27.7 -4.3
SHO comp=N,15nm,0.2s pmax pmax

M14K comp=Z,24nm,0.8s 23.80 50 P P 19 42 48.5 -0.4
G16K Koyuk River 23.89 42 P P 19 42 49.7 +0.1
O14K Tigulkuivut M 23.90 58 P P 19 42 50.0 +0.3

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like N15K, N15K, E17K, F17K, etc.

ISC 03 19:37:58.0,4.5,52:81N:156:94E,0.04,h247km,3km,
n955,01903/819,mb4.6/347,22C-34D,Kamchatka

JKA Kamikawa-asahi 12.87 233 P P 19 40 55.2 +0.3
ASAJ Asahikawa 12.87 233 P P 19 40 54.0 -1.0
ASAJ Asahikawa 12.87 233 PN Pn 19 40 55.3 +0.3

L16K Ohwah River 24.75 52 IAMB IAMB 19 42 59.0
L16K Ohwah River 24.75 52 P P 19 42 57.6 +0.2
H17K Granite Mounta 24.82 44 IAMB IAMB 19 43 00.1

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like M16K, M16K, J17K, J17K, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like J17K, J17K, E18K, E18K, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like B18K, B18K, F18K, F18K, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like K17K, K17K, K17K, K17K, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like K17K, K17K, K17K, K17K, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like K17K, K17K, K17K, K17K, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like K17K, K17K, K17K, K17K, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like K17K, K17K, K17K, K17K, etc.

NRDL	Niedersach	71.45 39	eP	P	19 48 52.3 +0.6
KSP	Ksiaz	71.52 33	P	P	19 48 51.9 -0.3
LDAO	Lac Daran	71.52 32	P	P	19 48 52.2 -0.3
LDAO	Lac Daran	71.52 32	P	I	19 48 53.4
KOLS	Kolonice sedl	71.58 33	eP	P	19 48 52.7 +0.1
US8A	Gravette	71.75 54	I	I	19 48 54.9
CHVC	Chvalec	71.81 33	eP	P	19 48 54.7 +0.7
CHVC	Chvalec	71.81 33	eP	MLR	19 48 54.7 +0.7
BURAR	Bucovina Array	71.83 32	P	P	19 48 53.5 -0.8
BURAR	Bucovina Array	71.83 32	P	I	19 48 55.3
BURAR	Bucovina Array	71.83 32	P	P	19 48 54.0 -0.3
BURAR	Bucovina Array	71.83 32	P	P	19 48 53.9 -0.3
CLL	Collim	71.90 37	I	P	19 48 55.2
CLL	Collim	71.90 37	I	P	19 48 54.1 -0.4
CLL	Collim	71.90 37	I	P	19 48 54.1 -0.4
CLL	Collim	71.90 37	I	P	19 48 54.1 -0.4
CLL	Collim	71.90 37	I	P	19 48 54.1 -0.4
CLL	Collim	71.90 37	I	P	19 48 54.1 -0.4
CCM	Cathedral Cave	71.96 50	P	P	19 48 54.8 -0.3
CCM	Cathedral Cave	71.96 50	P	P	19 48 54.8 -0.3
CCM	Cathedral Cave	71.96 50	P	P	19 48 54.8 -0.3
CCM	Cathedral Cave	71.96 50	P	P	19 48 54.8 -0.3
DPC	Dobruska-Polom	71.96 33	eP	P	19 48 55.5 +0.6
DPC	Dobruska-Polom	71.96 33	eP	P	19 48 55.5 +0.6
DPC	Dobruska-Polom	71.96 33	eP	P	19 48 54.9 0.0
TRQ	Mont Tremblant	71.97 35	P	P	19 48 54.0 -1.1
TRQ	Mont Tremblant	71.97 35	P	I	19 48 55.9
CLZ	Clausthal	72.00 33	eP	P	19 48 55.9 +0.8
BZR	Bergliesshubel	72.08 33	eP	P	19 48 56.2 +0.7
BZR	Bergliesshubel	72.08 33	eP	Amp	19 48 56.5
BERU	Beregovo	72.09 33	P	P	19 48 55.3 -0.3
ABTX	Abilene, Hawle	72.09 60	I	I	19 48 57.6
IBBN	Ibbenbüren	72.13 41	eP	P	19 48 56.6 +0.9
MORC	Moravsky Berou	72.16 33	I	I	19 48 57.4
MORC	Moravsky Berou	72.16 33	I	I	19 48 56.2 +0.1
MORC	Moravsky Berou	72.16 33	I	P	19 48 55.7 -0.5
MORC	Moravsky Berou	72.16 33	I	P	19 48 55.6 -0.5
MGMO	Mountain Grove	72.20 52	I	I	19 48 56.9
LANS	Liptovsky Anna	72.20 32	eP	P	19 48 56.9 +0.5
TESR	Tescani	72.32 32	eP	P	19 48 56.4 -0.7
HSKC	Hora Svate Kar	72.45 37	eP	P	19 48 57.8 0.0
TX31	Lajitas Ar. Si	72.49 65	I	I	19 49 00.4
TXAR	Lajitas Array	72.50 65	P	P	19 48 59.2 +0.7
TXAR	Lajitas Array	72.50 65	P	P	19 49 00.0 +1.5
FW03	Perrin-White	72.58 58	I	I	19 49 00.2
PLPT	Palo Pinto	72.63 59	I	I	19 49 00.5
PRU	Pruhonice	72.75 33	eP	P	19 48 59.9 +0.4
PRU	Pruhonice	72.75 33	eP	P	19 48 59.9 +0.4
PRU	Pruhonice	72.75 33	eP	MLR	19 48 59.9 +0.4
GOPC	GO Peeny, Ondr	72.75 33	eP	P	19 48 59.8 +0.2
GOPC	GO Peeny, Ondr	72.75 33	eP	P	19 48 59.8 +0.2
GOPC	GO Peeny, Ondr	72.75 33	eP	MLR	19 48 59.8 +0.2
N49A	Columbus Grove	72.76 44	I	I	19 49 00.7
MOX	Moxa	72.84 33	eP	P	19 49 00.6 +0.6
VRAC	Vranov	72.84 33	eP	P	19 49 00.4 +0.3
VRAC	Vranov	72.84 33	eP	P	19 49 00.8
VRAC	Vranov	72.84 33	eP	P	19 49 00.7 +0.5
VRAC	Vranov	72.84 33	eP	P	19 49 00.6 +0.5
T42A	Tannenbergs	72.86 51	I	I	19 49 01.4
TANN	Tannenbergs	72.86 33	eP	P	19 49 00.5 +0.2
PLN	Plouzeac	72.92 33	eP	P	19 49 00.5 +0.3
PLOR	Plostinia	72.90 32	eP	P	19 49 01.0 +0.5
PLOR	Plostinia	72.90 32	eP	P	19 49 01.0 +0.5
JAVC	Velka Javorina	72.96 33	eP	P	19 49 02.8 +1.4
YH5S	Ylva	72.97 32	eP	P	19 49 01.4 +0.4
PPS1	Pelika Pagai	72.97 24	P	P	19 49 02.2 +1.0
CFR	Carcaliu	72.98 32	eP	P	19 49 00.3 -0.7
CFR	Carcaliu	72.98 32	eP	P	19 49 00.2 -0.7
KASTN	Kahler Asten	73.02 34	eP	P	19 49 01.8 +0.7
D62A	Dallapoini	73.03 31	I	I	19 49 02.5
BUG	Bochum-Univer	73.03 34	eP	P	19 49 01.6 +0.5
UBBA	Unterbreibach	73.04 33	eP	P	19 49 01.7 +0.6
COVR	Voineasa-Covas	73.06 32	eP	P	19 49 00.1 -1.3
KRUC	Krusky	73.12 33	eP	P	19 49 02.1 +0.4
TPGR	Topoglog	73.16 32	eP	P	19 49 02.8 +0.6
PSZ	Piskaketto	73.19 31	eP	P	19 49 02.1 +0.4
PSZ	Piskaketto	73.19 31	eP	P	19 49 02.6 +0.4
DIKM	Dikmen	73.31 31	P	P	19 49 03.0 +0.1
MANZ	Manzenberg	73.34 37	eP	P	19 49 03.4 +0.4
ZVC	Zvikov	73.34 33	eP	P	19 49 03.5 +0.5
PBMO	Poplar Bluff	73.37 51	I	I	19 49 04.8
MLR	Muntele Rosu	73.45 32	eP	P	19 49 04.2 +0.3
MLR	Muntele Rosu	73.45 32	eP	P	19 49 04.3 +0.3
ROTZ	Rotzenmühle	73.52 37	eP	P	19 49 04.6 +0.8
MIAR	Mount Ida	73.65 54	I	I	19 49 06.6
P49A	Palm Springs	73.68 45	P	P	19 49 05.4 +0.2
WHAR	Woolly Hollow	73.69 53	I	I	19 49 06.5
MJNT	Mountain City	73.69 61	I	I	19 49 06.9
JCY	Junction	73.75 39	I	I	19 49 05.8
MMY	Mt. Morris Dam	73.75 39	I	I	19 49 06.5
BATG	Bathurst Ness	73.76 29	I	I	19 49 06.5
WVNY	West Valley, N	73.77 39	I	I	19 49 06.5
M53A	W. Miller and	73.77 41	P	P	19 49 06.0 +0.3
KHC	Kasperske Hory	73.78 33	eP	P	19 49 07.2
KHC	Kasperske Hory	73.78 33	eP	P	19 49 07.2
KHC	Kasperske Hory	73.78 33	eP	P	19 49 06.2 +0.6
KHC	Kasperske Hory	73.78 33	eP	P	19 49 05.7 +0.1
F62A	Pittston Farm	73.79 32	I	I	19 49 07.2
GRA1	Grabenberg Arr	73.82 33	eP	P	19 49 07.4
GRA1	Grabenberg Arr	73.82 33	eP	P	19 49 06.9 +1.1
GRFO	Grabenberg	73.83 33	eP	P	19 49 06.2 +0.4
GRFO	Grabenberg	73.83 33	eP	P	19 49 07.4
GRFO	Grabenberg	73.83 33	eP	P	19 49 06.2 +0.4
GRFO	Grabenberg	73.83 33	eP	P	19 49 06.2 +0.4
ACSO	Alum Creek Sta	73.84 44	I	I	19 49 07.2
CKRC	Cesky Krumlov	73.89 33	eP	P	19 49 06.4 +0.2
CKRC	Cesky Krumlov	73.89 33	eP	P	19 49 06.4 +0.2

AHRW	Bad Neuenahr-A	73.92 34	eP	P	19 49 07.4 +1.1
WET	Wetzell	73.94 33	eP	P	19 49 07.5 +1.0
BEBN	Beben	73.95 34	eP	P	19 49 06.5 +0.1
T45A	Taduch	74.00 49	P	P	19 49 07.5 +0.5
GEC2	GERESS Array S	74.02 33	eP	I	19 49 08.0
GEC2	GERESS Array S	74.02 33	eP	P	19 49 07.5 +0.5
GERES	GERESS Array B	74.02 33	eP	P	19 49 06.7 -0.4
GERES	GERESS Array B	74.02 33	eP	P	19 49 07.0 0.0
NCB	Newcomb	74.04 36	I	I	19 49 08.0
BTNL	Ternell	74.07 34	dP	P	19 49 07.1 -0.1
MEMB	Membach	74.07 34	dP	P	19 49 07.7 +0.5
WCI	Wyandotte Cave	74.07 47	P	P	19 49 07.8 +0.4
WCI	Wyandotte Cave	74.07 47	P	I	19 49 08.8
WCI	Wyandotte Cave	74.07 47	P	P	19 49 07.8 +0.4
WCI	Wyandotte Cave	74.07 47	P	P	19 49 07.8 +0.4
DRIO	Del Rio	74.08 62	I	I	19 49 09.2
BSTI	Sart Tilman	74.18 34	dP	P	19 49 08.6 +0.8
VT1	Waterbury	74.24 35	I	I	19 49 09.7
CONA	Conrad Observa	74.30 33	I	P	19 49 09.5 +0.8
BHOU	Houvezeg	74.31 34	dP	P	19 49 09.3 +0.6
BCLA	Clavier	74.39 34	dP	P	19 49 09.4 +0.4
RONA	Rosalia, Austr	74.40 33	I	P	19 49 10.2 +1.0
SURR	Surdub	74.46 32	eP	P	19 49 09.8 +0.3
BGES	Gesves	74.46 34	dP	P	19 49 09.7 +0.3
O53A	New Philadelphia	74.56 42	P	P	19 49 10.0 -0.2
H62A	Milan	74.57 33	I	I	19 49 11.9
GZR	Gura Zlata	74.58 32	eP	P	19 49 10.1 -0.3
GZR	Gura Zlata	74.58 32	eP	P	19 49 10.0 -0.3
BMRD	Maredous	74.60 34	dP	P	19 49 10.7 +0.4
RCHB	Rochefort	74.65 34	dP	P	19 49 10.1 -0.5
P52A	Corning	74.70 43	I	I	19 49 11.6
P52A	Corning	74.70 43	I	P	19 49 10.4 -0.6
ACCN	Adirondack Com	74.75 36	I	I	19 49 12.1
MOA	Molin	74.80 33	I	P	19 49 11.7 +0.3
DOU	Dourbes	74.83 34	dP	P	19 49 11.7 +0.1
DOU	Dourbes	74.83 34	dP	P	19 49 11.7 +0.1
WBO	Warramunga Arr	74.88 20	I	I	19 49 13.8
R50A	Paris	74.89 46	I	I	19 49 13.5
WLF	Walden	74.94 34	dP	P	19 49 12.0 -0.2
ARSA	Arzberg	75.02 33	I	P	19 49 13.4 +0.7
WR0	Warramunga Arr	75.03 20	I	I	19 49 14.6
WB2	Warramunga Arr	75.06 20	I	I	19 49 14.9
WRA	Warramunga Arr	75.06 20	I	P	19 49 14.0 +0.9
MORH	Miry, Hungar	75.10 33	eP	P	19 49 12.8 -0.4
MORH	Miry, Hungar	75.10 33	eP	P	19 49 12.8 -0.8
BIOA	Bad Ischl, Aus	75.10 33	I	P	19 49 13.7 +0.5
WVT	Waverly	75.11 49	P	P	19 49 13.8 +0.5
WVT	Waverly	75.11 49	P	P	19 49 13.8 +0.5
P53A	Whipple	75.13 43	I	I	19 49 14.1
FUR	Furstenfeldbr	75.24 33	eP	P	19 49 14.7 +0.7
RJOB	Jochberg	75.27 33	eP	P	19 49 15.1 +0.9
L59A	Walton	75.29 37	I	I	19 49 15.1
MDVR	Moldovita	75.46 32	eP	P	19 49 15.3 0.0
SSPA	Standing Stone	75.56 40	P	P	19 49 15.7 -0.2
SSPA	Standing Stone	75.56 40	P	P	19 49 16.9
KSPA	Keskin Array B	75.57 38	I	I	19 49 16.5
BRTR	Keskin Array B	75.59 31	P	P	19 49 14.5 -1.7
BRTR	Keskin Array B	75.59 31	P	P	19 49 15.2 -1.0
BRTR	Keskin Array B	75.59 31	P	P	19 49 15.8 -0.5
BRTR	Keskin Array B	75.59 31	P	P	19 49 15.8 -0.5
LESA	Schwarzelle	75.59 33	eP	P	19 49 16.8 +0.7
833A	Chaparral WMA	75.61 62	P	P	19 49 17.6 +1.3
FITZ	Fitzroy Crossi	75.64 21	P	P	19 49 15.1 -1.3
SOKA	Sokol	75.69 33	I	P	19 49 16.9 +0.4
PER5	Pernice	75.79 33	I	P	19 49 16.9 +0.3
KBA	Koelnbreinspr	75.75 35	I	P	19 49 18.0 +1.0
BFO	Black Forest	75.75 33	P	P	19 49 16.4 -0.5
BFO	Black Forest	75.75 33	P	I	19 49 17.9
BFO	Black Forest	75.75 33	P	P	19 49 16.4 -0.5
BFO	Black Forest	75.75 33	P	P	19 49 16.4 -0.5
BFO	Black Forest	75.75 33	P	P	19 49 16.4 -0.5
BFO	Black Forest	75.75 33	P	P	19 49 16.4 -0.5
Q54A	Six Mills	75.78 43	I	I	19 49 50.6
N58A	Conry	75.83 39	I	I	19 49 18.2
V48A	Smith Thorns	75.89 49	I	I	19 49 19.2
PLAL	Pickwick Lake	75.94 50	I	I	19 49 19.2
OBKA	Obir	75.96 34	I	P	19 49 18.6 +0.5
UBA	Ueberl	75.97 33	eP	P	19 49 18.7 +0.5
KIRS	Kirsehir-Merke	75.98 31	eP	P	19 49 18.4 0.0
RETA	Reutte	76.00 37	I	P	19 49 18.7 +0.4
WTTA	Watersberg Colle	76.00 33	I	P	19 49 19.2 +0.8
MOTA	Moosalm	76.05 37	I	P	19 49 19.2 +0.5
MYKA	Terra Mystica	76.08 33	I	P	19 49 18.9 +0.1
ECH	Echery	76.11 40	I	I	19 49 20.0
SQTA	Sankt Quirin	76.14 37	I	P	19 49 19.9 +0.7
ABTA	Abfaltersbach	76.26 33	I	P	19 49 20.0 +0.2
PRED	Cave del Predo	76.28 35	I	I	19 49 20.6
CRES	Cresnelj	76.35 33	I	P	19 49 20.2 0.0
DAVA	Damuels	76.39 33	I	P	19 49 20.9 0.0
FETA	Feichten	76.44 37	I	P	19 49 21.6 +0.7
BOVS	Bovar	76.49 32	eP	P	19 49 20.6 -0.5

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

IDC 03:20:19:53:26.1±1.8, 14.75S±1.78W, h375km, l17km, mb3.4/7, mbmp4.1/8, Error ellipse: s-maj=29.5km s-min=17.8km az=141.0

ISC 03:20:19:53:28.1±0.8, 14.9S±0.2±17.2W±0.2, h400km, n12, ±108/14, mb3.8/9, 3Z, Fiji Islands region

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

KRNET 03:20:19:26.7±0.1, 39.73N±0.12E, h13km, mb2.5

ISU 03:20:19:28.9, 39.69N, 170.25E, h30km

ISC 03:20:19:28.4±1.3, 39.58N±0.04±70.33E±0.03, h4km±1.1km, n16, ±157/32, 12C-10L, Tajikistan

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

IPGP 03:20:35:48.0, 58°02'S±25.28'W, h39km, Mw5.7, Fault plane solution: NP1=347.00000°, 857.00000°, 1.87.00000°

MOS 03:20:35:49.4±1.0, 57.96S±25.27W, h32km, mb5.7/23, MS5.2/14, Error ellipse: s-maj=19.2km s-min=10.5km az=105.4

NEIC 03:20:35:50.2±0.2, 58°01'S±0.09±25.3W±0.2, h29km±3km, mb5.7/172, Ms. 2.0±3.771, Mw5.6/20, Error ellipse: s-maj=14.2km s-min=12.4km az=214.0

NEIC 03:20:35:51.1, 58°00'S±25.31W, h30km

IDC 03:20:35:51.9±1.1, 57.99S±25.34W, h41km±8km, mb5.2/17, mbmp5.4/19, ML5.1/2, MS5.144, Error ellipse: s-maj=11.9km s-min=10.5km az=79.0

NEIC 03:20:35:51.1, 57°05'S±25.12'W, h30km, Moment Tensor Solution. Duration: 363 Moment tensor: Scale 10^17Nm; Mn=2.59; Mw=0.02; M2=2.61; M3=0.56; M4=0.10; M5=0.37;

Fault plane solution: M2:69000°x1017 NP1: 63.345.46000°, 850.43000°, 1.75.20000° NP2: 61.188.98000°, 841.82000°, 1.107.18000° Principal axes: T 2.7300, Plg78.0000°, Azm198.0000°; N -0.0856, Plg11.0000°, Azm356.0000°; P -2.6444, Plg4.0000°, Azm87.0000°

GCMT 03:20:35:55.2±0.1, 58°06'S±0.01±24.72W±0.01, h30km, Mw5.7/155, Moment Tensor Solution. s155.c289; s154.c305; Duration: 167 Moment tensor: Scale 10^17 Nm; Mn=3.52±0.04; M2=0.39±0.03; M3=3.91±0.03;

2018 SEP Mn=0.38±0.04; M2=0.46±0.03; M3=1.58±0.04; Best double couple: M4:0.7800°x1017 NP1=351.00000°, 857.00000°, 1.86.00000° NP2=178.00000°, 833.00000°, 1.96.00000° Principal axes: T 3.8650, Plg78.0000°, Azm247.0000°; N 0.4280, Plg3.0000°, Azm353.0000°; P -4.2910, Plg12.0000°, Azm83.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 03:20:35:50.5±0.4, 58.08S±0.04±25.41W±0.04, h32km±2km, h32km±2km, pP-P, ±171/762, mb5.7/113, MS5.3/458, 28C-0D, South Sandwich Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G007, PLCA, PLCA, etc.

3d 20h

Table of flight data for 3d 20h, including columns for flight number, time, status, and other details. Rows include TATN, 061Z, SFS, PFVI, MORF, MESJ, ASAR, PNCL, PBAR, PESTR, PMTG, KEST, UNM, PSBE, PCAS, ESCD, ESDC, D56A, DZM, DZM, DZM, MVO, POLO, WRA, WRA, RAFF, PGAV, 255A, 352A, 154A, ZAIG, CEST, 250A, KARP, GOGA, KNRA, PAUL, Y52A, PAOL, LRAL, BG3, CSS, W52A, FPAL, VLO, CAMP, FDMO, P61A, SWET, SSB, Y45A, M55A, M65A, M63A, N62A, V48A, L64A, WSPT.

2018 SEP

Table of flight data for 2018 SEP, including columns for flight number, time, status, and other details. Rows include MTN, UCCT, T50A, ODNJ, BCX, HAL, WES, HRV, GBN, HPIG, L61B, K62A, HALT, KSPA, LNXT, HBAR, L59A, PEBM, CLF, TRW, EMM, Y62A, J61A, BINY, FUORN, WCI, TXAR, TXAR, HNL, WHL, G65A, ACCN, L56A, FCAR, FETA, DAVA, LBNH, ABTA, K57A, J59A, H62A, BRTR, BRTR, BRTR, PKME, ECHA, E8A, MOTA, WTTA, VTA, RETI, 242A, BLO, WVNY, NCB, F64A, J57A, G62A, SOKA, LESA, J55A, F62A, MGMO, LONY, PQI, BIOA, STU, RLO, ARPR, WLF, MNTQ, SFIN, D62A, RONA, S39A, R40A, AAM, KAPI, K50A, GERES, GERES.

146

Table of flight data for 146, including columns for flight number, time, status, and other details. Rows include CKRC, GURO, GRFO, GRA1, KHC, KHC, TRQ, MDR, SADO, EPT, M44A, HYB, ZVC, TREC, LDAO, AMTX, HQIL, VYHS, IPM, J47A, GOPC, PRU, PRU, L44A, ICQ, PRA, P38A, HSKK, RICC, PVCC, 121A, OKC, DPC, UPC, UPC, CLL, CLL, KLSU, CHVC, OSTC, GLMI, L40A, SIM, SIM, Y22D, EKA, ANMO, ANMO, N35A, E46A, I40A, L34A, BGNE, KBZ, W18A, KIV, KIV, SDCO, COWI, SPMN, AKASG, AKASG, ECHD, ECHD, MAK, MAK, PFO, PFO.

PFO	Pinyon Flats O	118.35 289	PKIKP	PKIKP	20 54 34.5	+0.4
EYMN	Ely	118.84 315	IAMS_20	IAMS_20	21 47 09.3	
F33A	5 Mile Ranch	118.96 311	IAMS_20	IAMS_20	21 46 35.6	
HMU	Henry Mountain	118.98 296	IAMS_20	IAMS_20	21 39 30.8	
O20A	White River Ci	119.55 299	IAMS_20	IAMS_20	21 42 15.7	
SRU	San Rafael Sive	119.81 297	IAMS_20	IAMS_20	21 49 15.7	
CCUT	Cedar City	119.94 294	IAMS_20	IAMS_20	21 48 41.3	
Q16A	Castle Veaks R	119.96 296	IAMS_20	IAMS_20	21 42 56.8	
P18A	Preston Nutter	120.08 297	IAMS_20	IAMS_20	21 41 40.0	
KKM	Kota Kinabalu	120.19 134	IAMS_20	IAMS_20	21 38 32.2	
MNK	Minsk	120.20 33	iPKIKP	PKPpdf	20 54 36.0	-0.7
MNK	Minsk		iPPP	PPP	20 56 01.2	
MNK	Minsk		iPS	PKPpdf	21 01 45.4	+3.5
MNK	Minsk		iSS	SS	21 12 27.1	-1.3
MNK	Minsk		pmx	pmx		
MNK	Minsk		pmx	pmx		
MNK	Minsk		pmx	pmx		
MNK	Minsk		MLR	MLR		
MNK	Minsk		MLR	MLR		
MNK	Minsk		MLR	MLR		
TCRU	Three Creeks R	120.33 295	IAMS_20	IAMS_20	21 42 45.6	
RDMU	Red Mountain	120.51 298	IAMS_20	IAMS_20	21 42 56.2	
KOH	Kongsberg	120.59 20	IAMS_20	IAMS_20	21 40 09.2	
SDN	Striped Hills	120.69 291	PKIKP	PKIKP	20 54 40.0	+1.5
AGMN	Agassiz Nation	120.79 313	IAMS_20	IAMS_20	21 48 41.1	
RSSD	Black Hills	120.82 305	PKPpdf	PKPpdf	20 54 38.1	-0.4
RSSD	Black Hills	120.82 305	PKIKP	PKPpdf	20 54 38.2	-0.4
TPNW	Topopah Spring	120.89 291	PKIKP	PKIKP	20 54 39.6	+0.6
WCT	Wildcat Mounta	120.95 291	PKIKP	PKIKP	20 54 40.0	+1.4
PSUT	Pine Spring	120.95 294	IAMS_20	IAMS_20	21 47 50.1	
VSR	Storozhevoje	121.01 42	ePKIKP	PKPpdf	20 54 35.8	-2.6
BSUT	Blindstream Ca	121.04 298	IAMS_20	IAMS_20	21 41 53.4	
MPU	Maple Canyon	121.05 297	IAMS_20	IAMS_20	21 41 57.5	
NLR	North Lily Min	121.21 296	IAMS_20	IAMS_20	21 41 48.8	
VORR	Voronozh	121.40 41	ePKIKP	PKPpdf	20 54 37.5	-1.6
DUG	Dugway, Tooele	121.75 296	IAMS_20	IAMS_20	21 43 45.1	
HFS	Hagfors	121.81 22	PKP	PKPpdf	20 54 37.9	-1.7
HFS	Hagfors	121.81 22	PKP	PKPpdf	20 54 37.9	-1.7
VRH	Novokhoporsky	121.91 43	ePKIKP	PKPpdf	20 54 38.7	-1.4
LPSR	Galich'ya Gora	122.08 40	ePKIKP	PKPpdf	20 54 38.7	-1.7
NB2	NORSAR Subarr	122.18 20	PKPpdf	PKPpdf	20 54 39.2	-1.2
NB2	NORSAR Subarr	122.18 20	PKP	PKPpdf	20 54 37.4	+3.1
NOA	NORSAR Array B	122.18 20	PKP	PKPpdf	20 54 39.6	-0.8
NOA	NORSAR Array B	122.18 20	PKP	PKPpdf	20 54 39.6	-0.8
NB201	NORSAR Array S	122.20 20	PKPpdf	PKPpdf	20 54 40.0	-0.4
PDAR	Pinedale Array	122.23 300	PKP	PKPpdf	20 54 39.9	-1.5
PDAR	Pinedale Array	122.23 300	PKP	PKPpdf	20 54 41.0	-0.4
PDAR	Pinedale Array	122.23 300	PKP	PKPpdf	20 54 41.0	-0.4
HWUT	Hardware Ranch	122.26 298	IAMS_20	IAMS_20	21 43 04.5	
ULM	Lac du Bonnet	122.38 314	PKP	PKPpdf	20 54 40.0	-0.7
BGU	Big Grassy Mou	122.42 296	IAMS_20	IAMS_20	21 46 12.8	
OMMB	Old Mammoth Mi	122.47 290	IAMS_20	IAMS_20	21 41 15.4	
MTSE	Matsula	122.79 28	eP	PKPpdf	20 54 41.2	-0.3
Q09A	Carvers	122.81 292	IAMS_20	IAMS_20	21 46 46.5	
AHID	Auburn Hatcher	122.84 299	IAMS_20	IAMS_20	21 47 44.5	
NVAR	Mina Array Bea	123.06 291	PKP	PKIKP	20 54 43.5	+0.2
NVAR	Mina Array Bea	123.06 291	PKP	PKIKP	20 54 44.0	+0.7
NVAR	Mina Array Bea	123.06 291	PKP	PKIKP	20 54 44.0	+0.7
SNOW	Snow King Moun	123.32 300	IAMS_20	IAMS_20	21 44 26.5	
VSU	Vasula	123.32 300	iPKIKP	PKPpdf	20 54 42.7	+0.1
ELK	Elko	123.34 295	IAMS_20	IAMS_20	21 41 00.3	
ELK	Elko	123.34 295	PKP	PKIKP	20 54 44.2	+0.4
LOHW	Long Hollow	123.37 300	IAMS_20	IAMS_20	21 44 30.2	
OBN	Obninsk	123.37 37	iPKIKP	PKPpdf	20 54 42.6	-0.1
OBN	Obninsk		e	e	20 54 47.1	
OBN	Obninsk		ePPP	PPP	20 56 22.8	
OBN	Obninsk		pmx	pmx	20 59 06.2	
OBN	Obninsk		MLR	MLR		
TPAW	Teton Pass	123.43 300	IAMS_20	IAMS_20	21 52 01.6	
KVN	Kaiserville	123.44 291	IAMS_20	IAMS_20	21 43 16.9	
CMAR	Chiang Mai Arr	123.45 110	PKP	PKPpdf	20 54 43.6	-0.6
CMAR	Chiang Mai Arr	123.45 110	PKP	PKPpdf	20 54 44.3	+0.2
CMAR	Chiang Mai Arr	123.45 110	PKP	PKPpdf	20 54 44.3	+0.2
FXWY	Fox Creek	123.58 300	IAMS_20	IAMS_20	21 48 12.5	
LBPT	Khong Chiam	123.88 118	PKPpdf	PKPpdf	20 54 45.1	+0.1
URMT	Red Lodge	123.92 302	IAMS_20	IAMS_20	21 51 41.1	
ARB6	Arbavere	123.97 29	eP	PKPpdf	20 54 43.7	-0.1
SIMJ	Simigan	123.99 70	PKPpdf	PKPpdf	20 54 44.4	-0.4
CHGR	Chuyangaron	124.07 70	PKPpdf	PKPpdf	20 54 44.6	-0.2
CHGR	Chuyangaron	124.07 70	PKIKP	PKPpdf	20 54 44.6	-0.2
PNTR	Pine Nut	124.21 290	IAMS_20	IAMS_20	21 41 22.5	
MOS	Moscow	124.23 38	iPKIKP	PKPpdf	20 54 42.8	-1.6
YNR	Norris Junctio	124.25 301	IAMS_20	IAMS_20	21 46 00.1	
MEF	Metsahovi	124.26 27	eP	PKPpdf	20 54 44.2	-0.1
DGMT	Dagmar	124.31 308	IAMS_20	IAMS_20	21 49 34.2	
RAF	Rauma	124.34 26	eP	PKPpdf	20 54 43.7	-0.7
YMR	Madison River	124.35 301	IAMS_20	IAMS_20	21 47 19.7	
YHL	Hebgen Lake	124.58 300	IAMS_20	IAMS_20	21 44 45.0	
HLID	Hailey	125.11 297	IAMS_20	IAMS_20	21 44 17.9	
BOZ	Bozeman (W)	125.36 301	IAMS_20	IAMS_20	21 45 07.4	
DLMT	Dillon	125.62 300	IAMS_20	IAMS_20	21 45 46.5	

MFID	Camas Ranch	125.66 296	IAMS_20	IAMS_20	21 46 31.7	
FINES	FINESSE Array B	125.73 28	PKP	PKPpdf	20 54 46.0	-1.1
FINES	FINESSE Array B	125.73 28	PKP	PKPpdf	20 54 46.7	-0.4
FIA1	FINESSE Array S	125.74 28	PKP	PKPpdf	20 54 46.4	-0.7
VAF	Yliastero	126.32 25	eP	PKPpdf	20 54 48.0	-0.2
MSO	Missoula	127.34 300	IAMS_20	IAMS_20	21 53 16.0	
BMO	Blue Mountains	127.44 296	IAMS_20	IAMS_20	21 47 24.9	
BRLS	Borolay	127.71 67	ePKP	PKPpdf	20 54 50.0	-1.6
BRLS	Borolay	127.71 67	ePKIKP	PKPpdf	20 54 49.9	-1.6
ABKAR	Akbulak array	127.72 56	PKPpdf	PKPpdf	20 54 50.1	-1.2
YBH	Yreka Blue Hor	127.76 290	PKP	PKPpdf	20 54 52.3	+0.5
I07A	Izse	127.93 294	IAMS_20	IAMS_20	21 52 26.7	
KKAR	Karatay Array	128.09 68	PKPpdf	PKPpdf	20 54 51.5	-0.7
KKAR	Karatay Array	128.09 68	PKIKP	PKPpdf	20 54 51.6	-0.7
KSH	Kashi	128.17 75	PKP	PKPpdf	20 54 52.6	-0.1
KSH	Kashi		LR	LR		
KSH	Kashi		LR	LR		
KSH	Kashi		LR	LR		
J05D	Fort Rock, OR	128.18 292	IAMS_20	IAMS_20	21 45 44.5	
F10C	Flin Flon	128.21 314	IAMS_20	IAMS_20	21 49 49.2	
F10A	Beach Ranch, E	128.23 297	IAMS_20	IAMS_20	21 48 05.9	
JOF	Joensuu	128.30 29	eP	PKPpdf	20 54 52.0	0.0
SLVN	Son La	128.33 113	IAMS_20	IAMS_20	21 43 04.2	
PINE	Pine Mountain	128.41 293	IAMS_20	IAMS_20	21 42 43.6	
G08A	Pilot Rock	128.56 296	IAMS_20	IAMS_20	21 48 09.3	
LSA	Lhasa	128.63 95	PKP	PKIKP	20 54 55.6	+0.6
TNCH	TengChong	128.72 105	PKP	PKIKP	20 54 54.7	-0.2
TNCH	TengChong		PKP	PKIKP	20 57 00.1	-0.8
TNCH	TengChong		PKS	PKSdf	20 58 28.8	-2.3
TNCH	TengChong		AMB	AMB		
TNCH	TengChong		LR	LR		
TNCH	TengChong		LR	LR		
TNCH	TengChong		LR	LR		
AML	Almayushu	128.96 71	P	PKPpdf	20 54 54.7	+0.3
I05D	Terrebonne, OR	129.01 293	IAMS_20	IAMS_20	21 52 56.4	
E09A	Wood Farm, Sta	129.07 297	IAMS_20	IAMS_20	21 48 29.8	
QIZ	Qiongzong	129.16 121	PKP	PKPpdf	20 54 55.1	+0.1
QIZ	Qiongzong		PKP	PKPpdf	20 57 06.4	+3.0
QIZ	Qiongzong		LR	LR		
QIZ	Qiongzong		LR	LR		
G06A	Carlson Farm	129.32 295	IAMS_20	IAMS_20	21 46 09.7	
EKSZ	Erkin-Say	129.39 70	P	PKPpdf	20 54 55.0	+0.1
F07A	Phinny Hill Vi	129.46 296	IAMS_20	IAMS_20	21 48 35.4	
NRYN	Naryn	129.61 73	IAMS_20	IAMS_20	21 47 18.5	
H04A	Detroit Lake	129.68 293	IAMS_20	IAMS_20	21 52 38.1	
AAK	Ala-Archa	129.73 71	P	PKPpdf	20 54 56.0	+0.4
AAK	Ala-Archa	129.73 71	P	PKPpdf	20 54 55.4	-0.2
AAK	Ala-Archa	129.73 71	iPKIKP	PKPpdf	20 54 56.2	-0.2
NEW	Newport	129.86 300	IAMS_20	IAMS_20	21 53 40.7	
NEW	Newport	129.86 300	PKP	PKPpdf	20 54 56.1	+0.6
E07A	Spynsiede	129.91 296	IAMS_20	IAMS_20	21 49 19.2	
KBK	Karagaybulak	129.97 71	P	PKPpdf	20 54 56.4	+0.3
M09A	Christman Ranch	130.06 298	IAMS_20	IAMS_20	21 49 34.1	
CXC	Moxie City	130.13 296	IAMS_20	IAMS_20	21 50 34.1	
USP	Ospenovka	130.19 70	P	PKPpdf	20 54 56.2	-0.1
SGDS	Sogindy	130.39 70	ePKP	PKPpdf	20 54 55.7	-1.0
SGDS	Sogindy	130.39 70	ePKIKP	PKPpdf	20 54 55.6	-1.1
KIRV	Kirov	130.46 42	ePKIKP	PKPpdf	20 54 56.2	-0.0
TKMZ	Tokmak 2	130.49 71	P	PKPpdf	20 54 56.7	-0.4
SUMG	Summit	130.69 355	PKPpdf	PKPpdf	20 54 54.9	-1.9
SUMG	Summit	130.69 355	PKPpdf	PKPpdf	20 54 54.9	-1.9
KMI	Kuning	130.94 109	iPKIKP	PKPpdf	20 54 59.2	-0.2
KMI	Kuning		PKP	PKPpdf	20 55 14.6	
KMI	Kuning		AMB	AMB	20 57 19.4	+4.1
KMI	Kuning		LR	LR		
KMI	Kuning		LR	LR		
KMI	Kuning		LR	LR		
B08A	Colville Reser	130.96 298	IAMS_20	IAMS_20	21 57 20.8	
LON	Longmire	130.98 295	IAMS_20	IAMS_20	21 46 51.6	
ADZR	Andozero	130.99 32	ePKIKP	PKPpdf	20 54 55.5	-1.5
ADZR	Andozero		pmx	pmx		
BTL5	Baital	131.25 68	ePKP	PKPpdf	20 54 57.3	-0.9
BTL5	Baital	131.25 68	ePKIKP	PKPpdf	20 54 57.3	-0.9
TNS5	Tian-Shan	131.26 72	ePKP	PKPpdf	20 54 57.4	-1.4
TNS5	Tian-Shan	131.26 72	ePKIKP	PKPpdf	20 54 57.7	-0.9
AAA	Alma-Ata	131.37 72	ePKP	PKPpdf	20 54 57.7	-0.9
AAA	Alma-Ata	131.37 72	ePKIKP	PKPpdf	20 54 57.7	-0.9
D05A	Enunclaw	131.38 295	IAMS_20	IAMS_20	21 47 16.1	
MDOK	Medeo	131.40 72	ePKP	PKPpdf	20 54 57.4	-1.4
PZH	Panzhihua	131.57 07	PKP	PKPpdf	20 55 05.9	+0.3
PZH	Panzhihua		PKP	PKPpdf	20 57 23.7	+4.4
PZH	Panzhihua		SS	SS	21 14 52.1	+0.8
PZH	Panzhihua		AMB	AMB		
PZH	Panzhihua		LR	LR		
PZH	Panzhihua		LR	LR		
PZH	Panzhihua		LR	LR		
E03A	Lebam	131.69 294	IAMS_20	IAMS_20	21 47 55.2	
CHKK	Chushkaly	131.87 72	ePKP	PKPpdf	20 54 58.6	-0.9
CHKK	Chushkaly	131.87 72	ePKIKP	PKPpdf	20 54 58.5	-0.9
SATY	Saty	132.02 73	ePKP	PKPpdf	20 54 58.6	

2018 SEP

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like S31K Pelican, R31K City Hall, N32M Quiet Lake, etc.

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like CROQE Cirque, CRQM Cirque, SUCK Suick Hills, etc.

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like H25L Birch Creek, HDA Harding Lake, HDA Harding Lake, etc.

3d 21h

Table with columns for station name, elevation, wind speed, direction, and other meteorological data. Includes stations like CASY Casey, VILB Vilhena, LPAZ La Paz, etc.

2018 SEP

Table with columns for station name, elevation, wind speed, direction, and other meteorological data. Includes stations like KAIM Kayak Island, I28M Miner Creek, L27K Beaver Creek, etc.

150

Table with columns for station name, elevation, wind speed, direction, and other meteorological data. Includes stations like D22K Aiyikay River, L19K White Mountain, J20K Nowner River, etc.

SOME 03 21:02:26.2, 43°52'N-84°47'E, h15km
NNC 03 21:02:33.7, 43.7, 431°69N-84.54E, h15km, 14km, mb3.6, mpv3.1, Error ellipse: s-maj=25.4km s-min=16.5km

Table with columns for Code, Station Name, Azimuth, Phase ID, Time Res, and other data. Includes stations like DJR JarKent, DJR JarKent, SHLS Shalkode, etc.

ISC 03 21:13:25.2, 1.1, 1.65S, 0.1:135.3E:0.5, h21km, n7, n09/49/7,
ISC 03 21:51:45.0, 1.6, 39°41'N-76°73'E, h10km, MS4.7

Table with columns for Code, Station Name, Azimuth, Op, Phase ID, Time Res, and other data. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

SOME 03 21:51:41.4, 39°42'N-76°73'E, h10km, MS4.7
MOS 03 21:51:42.7, 1.3, 39°39'N-76°98'E, h11km, mb4.7/30, MS5.0/4, Error ellipse: s-maj=6.0km s-min=3.9km

Table with columns for Code, Station Name, Azimuth, Op, Phase ID, Time Res, and other data. Includes stations like KRNE Pine Creek, IDC 03 21:51:42.5, 0.6, 39°41'N-76°93'E, etc.

3d 21h

2018 SEP

Table with columns: ARU, Lg, Lg, 22 02 40.3, and various station identifiers and coordinates.

Table with columns: SIM, SIMferopol', 31.85 294, S, S, 22 03 20.0, 0.0, and various station identifiers and coordinates.

Table with columns: YAK, Yakutsk, 38.92 37, pmax, pmax, and various station identifiers and coordinates.

3d 21h

Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like B22K Teshekpuk Lake, D19K Kuna River, B21K Ikipkuk River, etc.

2018 SEP

Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like RND Reindeer, M20K Styx River, I28M Miner Creek, etc.

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Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like T35M Bob Quinn, WRAP Whangell Island, U33K Wrangle Pass, etc.

3d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UZB Uzynbulak, KURS Kuram, SHLS Shalkode, etc.

KRNET 03 23:20:38.3.0.1,39.47N:76.91E,mb3.7
SOME 03 23:20:39.5,39.58N:76.88E,h5km
NMC 03 23:20:41.8.0.6,39.65N:76.91E,h0km,mb4.2,mpv3.8,
Error ellipse: s-maj=4.1km s-min=3.4km az=166.0
ISC 03 23:20:38.8.1.4,39.49N:0.06:76.88E:0.04,h10km,n75,
c276/115,38C-14D,Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NRN Naryn, TARG Taragay, KYRGY Kyrgy, etc.

2018 SEP

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IZV Izvestkoviy, TKM2 Tokmak 2, AML Almayashu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CHKK Chushkaly, ARK Arkit, MNAS Manas, etc.

SOME 03 23:29:08.6,39.32N:76.92E,h10km
KRNET 03 23:29:09.6.0.1,39.33N:76.88E,mb3.4
NMC 03 23:29:12.1.2.6,39.47N:76.85E,h0km,mb4.0,mpv3.6,
Error ellipse: s-maj=18.2km s-min=15.1km az=166.0
ISC 03 23:29:11.1.1.5,39.39N:0.07:76.67E:0.04,h10km,n42,
c272/75,35C-19D,Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NRN Naryn, TARG Taragay, SFK Sufi-Kurgan, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Rows include MDOK Medeo, MDOK Miedo, MDOK Kotyrbulak, CHMS Chumysh, CHMS Chumysh, SATY Saty, DGS Degeres, EKS2 Ekin-Say, UZB Uzynbulak, USP Osenovka, MRKS Mierke, KURS Kuram, ARK Arkit, SHLS Shalkode, KTBS Karatobe, KRBS Karabastau, MNAS Manas, CHKK Chushkaly, BTK Batken, TRKS Terek-Say, KK31 Karatay Array, MAK2 Makanchi, MK31 Makanchi Array, MK31.

BUI 03 23:35:45.4, 0.0, 17.760N, 146.266E, h220km, mb4.6/40, mB4.7/10
IDD 03 23:35:47.2, 0.6, 17.59N, 145.73E, h205km, 4km, mb4.2/20, mbmp4.7/23, Error ellipse: s-maj=13.6km s-min=6.0km az=86.0

ISC 03 23:35:47.0, 0.4, 17.62N, 145.82E, 0.008, h200km, n294, s112/307, mb4.7/37, 3C-1D, Mariana Islands

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Rows include GUMO Guam, JCJ Chichijima, JHJ Hachijo jima, JHU Hachijo jima, JOW Jow, JGF Kuroka, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, MJAR Matsushiro, MAJO Matsushiro, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, JNU Nakatsue, JMM Marunori, KAVG Kaweng, GENI Genyem, YOJ Yonaguni jima, TABU Tabubil, YULB Yulib, TWGB Beinan, YHNB Yeheng, SSSLB Suanglung, TPUB Ta-pu, FAKI Fak Fak, KRSR Korea Array, ASAJ Asashikawa, NJ2 Nanjing, USRK Ussuriysk Ar., USRK, COEN Coen, BNX BinXian.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Rows include KDU Kakadu, KLR Kuldur, MNT Manton Dam, HNS HongShan, LYN LuoYang, MTSU Mount Surprise, HEH HeiHe, KNRA Kununurra, GYA Guiyang, HHC Hu-ho-hao-te, CTA Charters Tower, QIS Mount Isa, WRA Warramunga Arr, CD2 Chengdu, FITZ Fitzroy Crossi, KMI Kunming, PZH PanZhiHua, AS31 Alice Springs, ASAR Alice Springs, ASAR, EIDS Eidsvold, QLP Quilpie, SONMI Songoing Array, SONM, SONM, SONM, CMAR Chiang Mai Arr, CMAR, CMAR, TNCH TengChong, WRKA Warakurna, YAK Yakuts, MBWA Wabiar Bar, PSACI Pilbara Seismi, PSAO0 Pilbara Seismi, ARMA Armidale, GOMU Geerlumi, CMSA Cobar Meteorol, STKA Stephens Creek, STKA Stephens Creek, BBOO Bucklebooo, FORT Forrest, HTT Hallett, SPIA Saint Paul Isl, MEEK Meekatharra, YNG Young, CNB Canberra Magne, ARPS Mount Arapiles, S12K Black Hills, MORW Morawa, TOO Toolangi, WMQ Urumqi, WMQ, WMQ, BLDU Ballidu, K13K Kusilvak Mout, N14K Kuskokwaw Cree, L14K Kuka Creek, TNA Tin City, MUN Munding, J14K Nanyarak Lak, O15K Ungalithiuk R, ANM Nome, M15K Kasigluk River, F14K Arctic Creek, N15K Kwethluk River, L15K Ungalak Mouta.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Rows include K15K Wolf Creek Mou, G15K Niukluk, P16K Nushak River, F15K North Star Dit, O16K Kokwok River B, N16K Nishlik Lake, M16K Timber Creek, L16K Owhat River, R17L Mt. Peulig Vol, J16K Arvik River, O17K Koliganek Bris, I17K Unalakleet, Q17K Contact Creek, N17K Nushagak Hills, L17K Donlin, ZALV Zalesovo Beam, M17K Hotin River, J17K VABM Dome, K17K Iditarod, C16K Lisburne Hills, R18K Karluk, Q18K Katmai Hardscr, MKAR Makanchi Array, G17K Kizilik Mouta, H17K Granite Mouta, N18K Kilae Creek, O18K Koktuk Hills, D17K Nostak River, F17K Baldwin Pennin, L18K Granite Mouta, E17K Hotham Inlet, OHAK Old Harbor, M18K Stony River, RDQG Red Dog Mine, C17K Red-Lung Moutai, Q19K Cape Douglas, J18K Innokok River, H18K Honhosa River, N19K Bonanza Creek, KDAK Kodiak Island, F18K Selawik, E18K Tukphalearik C, G18K Tagagawik, P19K Oli Pt, L19K White Mountain, M19K Big River Lodg, K18K Utukok River, J19K Poorman, B18K Kokolik River, L20K Farewell, AK, H19K Roundabout Mou, G19K Purcell Mouta, F19K Shaleruckik Mo, M20K Styx River, K20K Teldia, N20K Mount Spurr, SPCR Spurr Chakacha, J20K Novinta River, C19K Lookout Ridge, E19K Redstone River, I20K Naaghedeneel, H20K Anotleneega Mo, D19K Kuna River, PPLA Teldia, F20K Avarast Lake, SKT Skwerntna, SUA Susitna One, E20K Nigu River, D20K Etivluk River, KURBB Kurchatov Arra, KURBB, H21K Melozitna River, RCO1 Rabbit Creek A, G21K Allakaket, B20K Meade River, BPAW Bear Paw Mtn., F21K Alatina River, PMR Palmer, C21K Knifedale Rid, E21K Killik River.

Table with columns: ID, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ

Table with columns: ID, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ

Table with columns: ID, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ

IDD 03 23:37:14.8:0.5, 1.42N:85.29W, h0km, mb4.5/17, mbtmp4.6/23, ML3.8/6, MS5.3/56, Error ellipse: s-maj=24.0km s-min=11.7km az=63.0 MOS 03 23:37:15.3:0.9, 1.49N:85.25W, h10km, mb5.3/42, MS5.2/4, Error ellipse: s-maj=9.3km s-min=5.2km az=109.7

Table with columns: Code, Station Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ

3rd 23h

Table with columns: CROK, BLOK, ELIS, CCM, R55A, R58B, OK038, GC02, KAN13, SSFO, MT05, OK032, S61A, ARAG, KAN14, R40A, KAN17, KAN09, SLM, SLM, SLM, MT03, CBN, KAN05, KAN01, TMAB, MT09, Q44A, MT08, 121A, 121A, Q52A, Q51A, KAN08, KAN08, KAN12, BLO, BLO, BLO, Q54A, Q54A, Q54A, MT13, MT13, BO04, BO04, LME1, RPRD, P48A, Q56A, Q56A, P49A, P49A, P51A, BO01, CRNM, P46A, P53A, P53A, P52A, P52A, P52A, BNM, DUN6, P43A, Y22D, Y22D, Y22D, G005, G005, SBM, SBM, RTBA, RTBA, MCWV, P40A, P57A, P57A, P57A, SJPY, CPUP

2018 SEP

Table with columns: CPUP, CPUP, CPUP, CPUP, O52A, ACSSO, ANMO, ANMO, ANMO, ANMO, P38A, P32A, P32A, SFIN, O53A, O53A, O53A, O54A, O54A, KSU1, KSU1, SMTB, TUC, TUC, TUC, TUC, MVL, MVL, MVL, N47A, N49A, N51A, N51A, N53A, N41A, CBKS, CBKS, CBKS, SSPP, T25A, T25A, N38A, M50A, 214A, 214A, 214A, B102, B102, N58A, N58A, PIX, PIX, M53A, M53A, M53A, X18A, L48A, N35A, N35A, L46A, M57A, M57A, W18A, W18A, W18A, BDFB, BDFB, BDFB, BDFB, SFX, SFX, SFX, L42A, KSCO, KSCO, AAM, AAM, AAM, AAM, N62A, ERPA, ERPA, ERPA, X16A, X16A, X16A, KSPA, KSPA, KSPA, SCIA

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Table with columns: SCIA, WSPT, WSPT, 113A, 113A, L56A, S22A, S22A, ITQB, ITQB, IPMB, K50A, WVNY, LDASE, VTX, Y14A, Y14A, BGNE, BGNE, BINY, BINY, MVCO, MVCO, MVCO, CRSM, JFWF, JFWF, L34A, M63A, M63A, PSAL, L59A, L59A, J47A, WUAZ, K57A, UCCT, UCCT, GLA, GLA, GLA, GLA, ESJX, ESJX, UABX, UABX, OGNE, OGNE, BLYC, BLYC, BLYC, J55A, B19B, PV01, PV01, YUH, YUH, YUH, SDBA, SDBA, I49A, I49A, L61B, LR04, LR04, PV15, PV02, PV13, PV13, TRY, LR03, SMCO, SMCO, PV05, PV03, PV18, PV18, PV12, PV12, PV11, PV11, CBX, CBX, PV07, PV17, RODS, PV16, BRIGG, BRIGG, J57A, J57A, PV19, PV20, PV20, PV04, PV04, BCX, BCX, WES, WES, PV14, TKX, K62A, PV10, PV10, ITAB, PV22, HRV, HRV, W13A, W13A, PV23, PV23, PV21, PECO, I37A, I37A, K30B, K30B, ALGR

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Henry Mountain, GMLI, J61A, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like K22A, PSUT, MPU, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LMN, FWXY, MDND, etc.

3d 23h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Ovando, Cahto Peak, Blue Mountains, etc.

2018 SEP

Table with columns for station name, frequency, mode, and signal strength. Includes stations like TAOE, D05A, GNV, PGC, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like M31M, M31M, N31M, etc.

3d 23h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like PCAB Cabril, J20K Nowinta River, O17K Koliganek Bris, etc.

2018 SEP

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like H18K Honhosia River, H18K Honhosia River, E20K Nigu River, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like GAMB Gambell, VNA2 Neumayer-Watz, CLF Chambon-Foret, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like H1N13 WAKE ISLAND, H1N12 WAKE ISLAND, H1N11 WAKE ISLAND, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like H01W3 Cape Leeuwin, NACB Ninganchiao, YULB Yu-li, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like THZ Tophouse, THZ Fox Glacier, F0Z Fox Glacier, etc.

CANA	Caviahue	1.98	15	iP	Pn	00 20 43.3 +0.4
CANA				iS	Sn	00 21 10.4 +0.8
CANA				IAML		00 21 22.3
LL05	comp-Z,500nm,1.0s	2.08	219	Pn	Pn	00 20 42.3 -1.5
LL05	Los Muermos	2.08	219	iP	Pn	00 20 42.3 -1.5
LL05	Los Muermos	2.08	219	iS	Sn	00 21 08.5 -2.9
LL05				IAML		00 21 10.2
BI04	comp-E,6um,0.4s	2.18	309	iP	Pn	00 20 45.7 +0.6
BI04	Isia Mocha	2.18	309	iP	Sn	00 21 11.5 -1.6
BI04				IAML		00 21 15.3
LL01	comp-N,8um,0.2s	2.63	191	iP	Pn	00 20 49.8 -0.7
LL01	San Ignacio de	2.63	191	iP	IAML	00 21 23.8
LL01	comp-Z,254nm,1.3s	2.63	191	iP	Pn	00 20 50.2 -0.3
LL01	San Ignacio de	2.63	191	iS	Pn	00 21 23.1 -0.1
LL01				iS	Sn	00 20 50.8 -1.9
LL06	Loncomilla	2.81	210	iP	Pn	00 20 51.0 -1.7
LL06	Loncomilla	2.81	210	iP	Pn	00 20 58.1 +0.8
BI02	San Fabin de	3.15	7	Pn	Pn	00 20 58.2 +0.9
BI02				iS	Sn	00 21 34.6 -0.8
BI05	Punta Hualpin	3.26	339	Pn	Pn	00 20 58.3 -0.2
BI05	Punta Hualpin	3.26	339	iP	Pn	00 20 58.5 +0.1
BI05				iS	Sn	00 21 34.3 -3.3
BI05				IAML		00 21 38.1
LL07	comp-N,2um,0.2s	3.30	203	Pn	Pn	00 20 56.5 -2.5
LL07	Hotel Espejo d	3.30	203	iP	Pn	00 20 57.6 -1.4
LL07	Hotel Espejo d	3.30	203	iP	Pn	00 20 59.0 -1.2
LL02	Futaleufu	3.39	182	Pn	Pn	00 20 59.2 -0.9
LL02	Futaleufu	3.39	182	iP	Pn	00 21 43.7
LL02	comp-Z,143nm,2.1s	3.39	182	iP	Pn	00 20 59.3 -0.8
LL02	Futaleufu	3.39	182	iS	Sn	00 21 40.0 -0.5
GO07	Milladeo Hill,	3.62	203	Pn	Pn	00 21 00.2
GO07	Milladeo Hill,	3.62	203	iP	Pn	00 21 01.5 -1.6
GO07	Milladeo Hill,	3.62	203	iP	Pn	00 21 01.4 -1.7
GO07				iS	Sn	00 21 38.6 -7.3
GO05	Huala	4.79	358	Pn	Pn	00 21 18.0 -0.6
GO05	Huala	4.79	358	iP	Pn	00 21 17.7 -0.9
GO05				iS	Sn	00 22 09.9 -3.6
BO02	Sierra Bellavi	5.06	9	Pn	Pn	00 21 22.1 -0.1
BO02	Sierra Bellavi	5.06	9	iP	Pn	00 21 21.9 -0.3
BO02				IAML		00 22 26.6
BO01	comp-Z,574nm,0.2s	5.42	6	Pn	Pn	00 21 25.7 -1.3
BO01	Tunca	5.42	6	iP	Pn	00 21 25.9 -1.2
BO01				IAML		00 22 28.5
COYC	comp-Z,389nm,0.4s	5.77	183	Pn	Pn	00 21 31.7 +0.2
COYC	Coyhaique	5.77	183	iP	Pn	00 21 31.9 +0.3
LMEL	Las Melos	6.07	12	Pn	Pn	00 21 35.0 -0.7
VA05	San Domingo	6.13	1	Pn	Pn	00 21 34.0 -2.5
MT13	San Alfonso	6.16	11	Pn	Pn	00 21 35.4 -1.5
MT16	Universidad Ad	6.37	9	Pn	Pn	00 21 37.7 -2.1
MT16	CCHEM	6.43	9	Pn	Pn	00 21 38.5 -2.0
MT05	Genca	6.49	7	Pn	Pn	00 21 39.1 -1.0
MT08	Bocatomero R	6.49	13	Pn	Pn	00 21 39.8 -1.7
MT02	Curacav	6.55	4	Pn	Pn	00 21 39.9 -2.2
PEL	Peidehue	6.70	7	Pn	Pn	00 21 41.6 -2.5
AY02	Valle Explorad	6.76	189	Pn	Pn	00 21 44.5 -0.2
VA01	Torpederos	6.77	6	Pn	Pn	00 21 42.6 -2.3
VA03	San Esteban	7.09	8	Pn	Pn	00 21 46.5 -2.9
VA06	Catapilco	7.24	3	Pn	Pn	00 21 48.5 -2.7
AY03	Cochrane	7.47	185	Pn	Pn	00 21 54.7 +0.5
TRQ3	Tornquist	7.79	80	Pn	Pn	00 21 58.0 -0.7
HQSA	Juan Fernandez	8.29	314	P	Pn	00 22 07.9 +3.0
HQSA	baz=104,slow=75,SNR=16	8.29	314	P	Pn	00 22 07.4 +2.4
HQ3S3	Juan Fernandez	8.29	314	P	Pn	00 22 07.4 +2.4
HQ3S2	Juan Fernandez	8.29	314	P	Pn	00 22 07.1 +2.1
HQ3S2	baz=104,slow=75,SNR=27	8.29	314	P	Pn	00 22 08.8 +2.3
VA04	Juan Fernandez	8.38	315	Pn	Pn	00 22 06.5 -3.0
CO02	Combarbal	8.60	4	Pn	Pn	00 22 07.2 -2.4
ZON	Zonda	8.60	18	Pn	Pn	00 22 10.5 +0.1
GO08	Villa O'Higgin	8.68	184	Pn	Pn	00 22 11.0 +0.3
CO03	El Pedregal	8.93	6	Pn	Pn	00 22 13.0 -3.2
CO06	Fray Jorge	9.64	5	Pn	Pn	00 22 20.3 -3.2
GO04	Tololo Observa	9.64	5	Pn	Pn	00 22 22.7 -3.7
CO05	La Serena	9.87	2	Pn	Pn	00 22 24.7 -3.4
CO01	Juntas del Tor	9.89	8	Pn	Pn	00 22 27.2 -3.3
LCO	Las Campanas	10.80	5	Pn	Pn	00 22 37.2 -1.8
AC05	El Transito	12.38	1	Pn	Pn	00 22 42.6 -3.4
GO09	Cerro Castillo	11.48	182	Pn	Pn	00 22 47.1 -0.3
AC04	Llanos de Chal	11.58	3	Pn	Pn	00 22 46.4 -2.6
MG05	Puerto Natales	11.89	182	Pn	Pn	00 22 53.5 +0.7
GO03	Copiap	12.24	6	Pn	Pn	00 22 57.0 -0.6
AC06	Mina Casimiro	12.46	6	Pn	Pn	00 22 57.0 -3.5
AC01	Pan de Azucar	13.65	4	Pn	Pn	00 23 14.4 +0.8
PSAL	Palomas, Salto	14.51	57	Pn	Pn	00 23 24.1 -1.1
GO02	Mina Guanaco	14.71	8	Pn	Pn	00 23 27.2 -2.1
PB14	IPOC Station P	15.17	5	Pn	Pn	00 23 34.1 -1.0
USHA	Ushuaia	15.20	173	P	Pn	00 23 35.5 +0.7
IT0B	comp-Z,24nm,0.8s,baz=229,slow=55,SNR=1.5	15.98	55	Pn	Pn	00 23 43.4 -1.4
IT0B	Itaiqui	15.98	55	Pn	Pn	00 23 43.8 -0.9
RODS	Rosario do Sul	16.47	60	Pn	Pn	00 23 49.2 -1.5
PLTB	Pedras Altas	16.73	67	Pn	Pn	00 23 52.1 -1.5
PLTB				IAMB		00 23 54.9
PLTB	comp-Z,39nm,0.8s	16.73	67	Pn	Pn	00 23 52.5 -1.1
AF01	Pedras Altas	17.07	11	Pn	Pn	00 23 59.0 +0.8
LVC	San Pedro de A	17.31	9	Pn	Pn	00 23 59.8 -0.6
LVC	Limon Verde	17.31	9	Pn	IAMB	00 24 05.3
LVC	comp-Z,36nm,0.6s	17.31	9	Pn	Pn	00 24 01.2 +0.1
LVC	Limon Verde	17.31	9	Pn	Pn	00 24 01.3 +0.2
PB04	PLOC Station P	17.63	64	Pn	Pn	00 24 01.2 +0.3
CPBS	Capacava Do Su	17.63	64	Pn	Pn	00 24 01.1 -2.1
CPUP	Villa Florida	18.02	46	Pn	Pn	00 24 06.3 -1.4
CPUP				IAMB		00 24 14.6
CPUP	comp-Z,44nm,0.6s	18.02	46	Pn	Pn	00 24 05.2 -2.6
CPUP	Villa Florida	18.02	46	Pn	Pn	00 24 05.8 +0.3
PB09	IPOC Station P	18.07	7	Pn	Pn	00 24 16.0 -1.5
ALGR	Alto Alegre (B	18.91	60	Pn	Pn	00 24 17.2 -1.0
PATCX	Punta Patache	18.97	5	Pn	Pn	00 24 17.0 -2.0
PATCX				iP	Pn	00 24 17.2 -2.6
CRSX	Crisissimal (Br	19.12	55	Pn	Pn	00 24 20.9 +0.1
TA01	Diego Aracena	19.22	4	Pn	Pn	00 24 22.5 +0.1
PAPY	Pozo Azul	19.37	40	Pn	Pn	00 24 22.4 -1.6
TA02	Huauquique	19.52	4	Pn	IAMB	00 24 37.3
TA02				IAMB		00 24 37.3
HMBC	Humberstone	19.52	5	Pn	Pn	00 24 24.6 +0.4
SJPY	San Joaquin	19.75	46	Pn	Pn	00 24 25.1 -1.5
FDPY	Filadelfia	20.14	33	Pn	Pn	00 24 31.5 +0.7
GO01	Chuzmiza	20.18	7	Pn	Pn	00 24 32.8 +1.0
PB18	Visiviri	22.22	6	IAMB	IAMB	00 24 55.1 +1.8
PB18				IAMB		00 24 57.9
LPAZ	La Paz	23.64	9	Pn	Pn	00 25 07.1 +0.4
LPAZ				IAMB		00 25 10.2
LPAZ	comp-Z,44nm,1.1s	23.64	9	Pn	Pn	00 25 08.0 +1.4
LPAZ	comp-Z,18nm,0.5s,baz=174,slow=5.7,SNR=52	23.64	9	Pn	Pn	00 25 08.0 +1.4
LPAZ	comp-Z,18nm,0.5s	23.64	9	Pn	Pn	00 25 08.0 +1.4
AQDB	La Paz	23.64	9	Pn	Pn	00 25 08.0 +1.4
AQDB	Aquidauana	23.66	40	Pn	Pn	00 25 05.3 -0.8
AQDB	Aquidauana	23.66	40	Pn	Pn	00 25 05.3 -0.8
LDASE	Londrina, Braz	23.90	53	Pn	Pn	00 25 05.1 -3.3
BBSD	Serra de San D	24.52	26	Pn	Pn	00 25 12.9 -1.0
RPHD	Ribas do Rio P	24.69	44	Pn	Pn	00 25 15.3 -0.1
FRFB	Fartura	24.91	55	Pn	Pn	00 25 19.1 -1.0
PCMB	Pacambu	25.17	50	Pn	Pn	00 25 18.5 -1.3
C2SB	Chapadão do	25.55	43	Pn	Pn	00 25 32.5 +0.2
PTLB	Pontes e Lacer	26.64	28	Pn	Pn	00 25 33.0 -0.1
PTLB	Pontes e Lacer	26.64	28	Pn	Pn	00 25 33.3 +0.2
VAO	Valinhos	26.83	59	Pn	Pn	00 25 34.4 -0.5
VAO				IAMB		00 25 35.5
VAO	comp-Z,17nm,0.7s	26.83	59	Pn	Pn	00 25 34.1 -0.7
VAO	Valinhos	26.87	59	Pn	Pn	00 25 34.6 -0.6
ITRB	Iturama	27.17	49	Pn	Pn	00 25 36.9 -1.0
BB19	Bebedouro	27.23	54	Pn	Pn	00 25 41.5 -1.3
SALV	Santo Antonio	27.62	35	Pn	Pn	00 25 41.9 -0.0
VILB	Vilhena	28.61	24	Pn	Pn	00 25 50.5 -0.2
VILB	Vilhena	28.61	24	Pn	Pn	00 25 50.7 -0.0
ARAG	Araguaiana, MT	29.64	42	Pn	Pn	00 25 59.2 -0.6

ETMB	Extrema	30.26	11	P	P	00 26 05.6 +0.4
ETMB	Extrema	30.26	11	eP	P	00 26 05.9 +0.7
PDRB	Porto dos Gac	31.06	29	Pn	P	00 26 12.4 +0.1
SAML	Samuel	31.66	16	P	IAMB	00 26 17.4 -0.1
SAML				IAMB		00 26 18.9
SAML	comp-Z,26nm,1.4s	31.66	16	Pn	P	00 26 17.4 -0.1
BDFB	Brasilia	31.75	47	Pn	P	00 26 17.2 -1.2
BDFB	Brasilia	31.75	47	eP	P	00 26 17.0 -1.4
BDFB				iS	Sn	00 26 17.0 -1.4
BDFB	comp-Z,33nm,0.7s,baz=220,slow=7.8,SNR=43	31.75	47	Pn	P	00 26 17.0 -1.4
CZSB	Cruzeiro do Su	31.95	358	P	P	00 26 20.9 +0.9
CZSB	Cruzeiro do Su	31.95	358	eP	P	00 26 21.4 +1.3
CLDM	Colider	32.09	30	eP	P	00 26 21.0 -0.3
CLDM	Diamantina, MG	32.34	57	eP	P	00 26 23.5 -0.1
JANB	Januaria	34.38	52	eP	P	00 26 40.5 -0.8
NANO1	Guarapari, ES	35.00	60	eP	P	00 26 46.0 -0.5
NPGB	Novo Progresso	35.77	29	eP	P	00 26 52.8 -0.3
GU0A1	Guaratinga, BA	36.11	59	eP	P	00 26 55.2 -0.8
SDBA	SAO DESIDERIO	36.12	48	eP	P	00 26 55.2 -1.0
TEFE	Teófilo	36.70	12	eP	P	00 27 19.6 +0.1
CMC01	Camacan, BA	37.18	58	eP	P	00 27 04.3 -0.2
SMTB	Santa Maria do	37.60	41	eP	P	00 27 08.0 -0.6
MACA	Manacapuru-AM	37.82	18	Pn	P	00 27 10.0 -0.5
MACA	Manacapuru-AM	37.82	18	eP	P	00 27 10.5 +0.1
ITTB	Itaituba	38.12	26	eP	P	00 27 12.7 -0.2
PRPB	Parauapebas	38.85	36	eP	P	00 27 19.6 +0.5
OTAV	Otava	40.32	350	eP	P	00 27 32.8 +1.1
MAL2	Monte Alegre,	40.85	27	P	P	00 27 35.6 -0.0
BELA	Beltrano Z	41.14	169	Pn	P	00 27 36.9 -0.4
NBLA	Lagarto - SE	41.55	56	eP	P	00 27 40.8 -0.5
TMAB	Tombou-Au,PA,Br	43.00	36	eP	P	00 27 53.4 +0.4
MCPB	Mascapa, AP	43.16	29	eP	P	00 27 54.8 +0.0
MCPB	Mascapa, AP	43.16	29	eP	P	00 27 54.7 +0.4
BOAV	Boa Vista	43.23	16	P	IAMB	00 27 55.9
BOAV				IAMB		00 27 55.9
BOAV	comp-Z,19nm,0.8s	43.23	16	eP	P	00 27 55.2 +0.4
NBAN	Anadia - AL	43.52	56	eP	P	00 27 57.0 -0.2
VNA3	Neumayer Olymp	43.94				

4d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KURBB, ZALV, MKAR, GYA, NJ2, SONM, HHC.

IDC 04 00:25:21.71.8, 39°27'N, 76°9'E, h0km, mb3.4/6, mbmp3.4/12, ML2.0/6. Error ellipse: s-maj=29.0km s-min=17.6km az=128.0

KRNET 04 00:25:22.9.0.1, 39°42'N, 76°82'E, mb4.4, BUJ 04 00:25:24.5.0.0, 39°46'N, 77°05'E, h9km, mb4.3/7, mb4.3/1, ML4.3/8, Ms3.9/7, Ms7.3/6/8

SOME 04 00:25:29.3, 39°73'N, 76°82'E, h15km, MS3.5, NNC 04 00:25:30.6.1.5, 39°78'N, 76°85'E, h0km, mb4.7, mpv4.4, Error ellipse: s-maj=10.4km s-min=8.3km az=155.0

ISC 04 00:25:25.8.0.9, 39°44'N, 0°04'76.73E, h11km, n104, a2846/149, mb3.7/9, 42C-12D, Southern Xinjiang

Main table for station 4d Oh, listing codes, station names, azimuths, phase IDs, times, residuals, and ISC values.

2018 SEP

Main table for station 2018 SEP, listing codes, station names, azimuths, phase IDs, times, residuals, and ISC values.

172

Main table for station 172, listing codes, station names, azimuths, phase IDs, times, residuals, and ISC values.

BGR 04 00:29:22.5, 19°02'S, 176°80W, h33km, NEIC 04 00:30:25.0.1.9, 19°25'0.1, 178°21'W, 0.1, h562km, 10km, mb4.2/82, Error ellipse: s-maj=22.9km s-min=15.6km az=150.0

IDC 04 00:30:27.1.0.9, 18°19'S, 178°34W, h588km, 9km, mb3.4/15, mbmp4.3/17, Error ellipse: s-maj=17.8km s-min=11.4km az=148.0

ISC 04 00:30:24.5.0.5, 18°25'0.1, 178°25'W, 0.08, h550km, n199, a2818/198, mb4.2/56, 13C-11D, Fiji Islands region

Table for station 172, listing codes, station names, azimuths, phase IDs, times, residuals, and ISC values.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CTAO Charter Tower, TOO Toolangi, COEN Coen, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MDM comp=Z,4.3nm,1.5s, SCRR Sand Creek, IL31 Eielson Array, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WTTA Wattenberg, MOTA Mossalm, MYKA Terra Mystica, etc.

4d 1h

Table with columns: KRBS, Karabastau, 2.9nm, 0.6s, 4.42 348 eP, Pb, 01 02 37.9 -1.7, etc.

NEIC 04 01:08:44.5i.1.4, 18.1S:0.1x178:0W:0.2, h594km, 7km, mb4.2/82, Error ellipse: s-maj=21.8km s-min=19.3km

ISC 04 01:08:45.2i.1.0, 18.1S:178:20W, h606km, 9km, mb3.4/12, mbmp4.3/14, Error ellipse: s-maj=17.3km s-min=11.8km

ISC 04 01:08:44.6i.0.5, 18.10S:010:178:13W:0.09, h600km, n152, o075/161, mb4.1/54, 8C-33, Fijil Islands region

Main table of seismic events with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

2018 SEP

Main table of seismic events with columns: K20K, Iamb, Iamb, 01 20 10.3, etc.

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Table of seismic events with columns: ARSA, Arzberg, 148.84 342 i PKP, PKPab, 01 27 31.1 -0.9, etc.

IGQ 04 01:10:50.8i.1.6, 2.2N:18.8W:1.0, h10km, M4.6/7, NEIC 04 01:11:05.9i.1.2, 1.41N:0.08:85:25W:0.08, h10km, 2km, mb4.3/16, Error ellipse: s-maj=13.9km s-min=12.9km

RSNC 04 01:11:08.5i.0.8, 1.2N:4.8W:1.0, h0km, M4.3, mb3.4, mb5.1, ML3.3, Mw(mb)4.4, MwMwp5.4, Mwmp5.6

ISC 04 01:11:05.5i.0.7, 1.52N:0.07:85:13W:0.06, h10km, n94, o213/76, mb4.1/10, MSZ6/11, Off coast of Ecuador

Main table of seismic events with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

DJR	Jarkent	5.21	23	Pg	Pb	01 33 11.3	+2.6
DJR	1.1nm,0.3s						
				Lg	Lg	01 34 18.8	

IPEC 04 01:57:04.4-0.2,50.17N-19.10E,h1km,ML2.7/4,Error ellipse: s-maj=2.5km s-min=1.0km az=167.0
 VIE 04 01:57:04.0-0.3,50.19N-19.10E,h0km,mb2.5/m2.7/4,Error ellipse: s-maj=8.4km s-min=1.7km az=164.0, Suspected Mining induced.
 PRU 04 01:57:04.9,50.17N-19.06E,h0km
 ISC 04 01:57:02.4-0.8,50.20N-0.03-19.25E,0.02,h0km,n30,
 #180/54,Poland

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
				Op	h	m	s
					ISC	ISC	ISC
OJC	Ojcow	0.35	86	ePg	Pb	01 57 12.8	+1.3
OJC				eSg	Sb	01 57 19.1	+1.4
OKC	Ostrava-Krasne	0.80	244	ePg	Pg	01 57 18.2	+0.5
OKC				eSg	Sg	01 57 27.7	-0.4
NIE	Niedzica	1.03	139	ePg	Pb	01 57 23.9	+0.7
NIE				eSg	Sb	01 57 38.4	+1.1
MORC	Moravsky Berou baz=68	1.18	250	ePg	Pg	01 57 24.7	-0.4
MORC				eSg	Sg	01 57 38.3	-2.1
JAVC	Velka Javorina baz=35	1.69	218	ePn	Pn	01 57 33.9	+0.7
YVHS	Yuhne	1.73	189	ePn	Pn	01 57 33.2	-0.5
YVHS				eSg	Sb	01 57 34.2	-2.2
DPG	Dobruska-Polom	1.89	276	ePg	Pg	01 57 36.5	+0.5
DPG				eSg	Sg	01 58 00.3	-0.2
KECS	Kecovo	1.89	154	ePn	Pn	01 57 36.5	+0.5
KECS				eSg	Sb	01 58 01.6	-0.4
KECS				eLg	Lg	01 58 04.7	
VRAC	Vranov baz=61	1.94	244	ePn	Pn	01 57 37.2	+0.5
VRAC				eSg	Sn	01 58 01.9	+0.2
OSTC	Ostas, baz=61	1.98	282	ePg	Pg	01 57 38.5	+1.3
OSTC				eSg	Sg	01 58 04.9	+0.4
KSP	Ksiaz	2.00	290	ePg	Pb	01 57 38.8	+1.4
KSP				eSg	Sb	01 58 04.2	+1.0
KRUC	Moravsky baz=57	1.89	240	ePn	Pn	01 57 40.2	+0.3
KRUC				eSg	Sb	01 58 09.2	-1.0
KOLS	Kolonice sedl	2.34	122	ePg	Pg	01 57 47.2	0.0
KOLS				eSg	Sb	01 58 14.5	-0.3
KOLS				eLg	Lg	01 58 27.2	
SRO	Srobarava	2.46	195	eSg	Sb	01 58 14.6	0.0
SRO				eLg	Lg	01 58 27.9	
GOPC	GO Pecny, Ondr	2.89	266	eSg	Sb	01 58 30.7	-0.1
PRU	Pruhonice	3.04	268	eSg	Sb	01 58 36.2	+1.1
RONA	Rosalia, Austr	3.17	219	i Pn	Pn	01 57 54.3	+0.7
RONA				i Sn	Sn	01 58 31.3	-0.8
CONA	Conrad Observa	3.18	226	i Pn	Pn	01 57 53.1	-0.7
CONA				eSg	Sn	01 58 29.1	-3.4
ZVC	Zvikov	3.37	259	ePg	Pb	01 58 03.6	+0.7
BRG	Berggiesshubel	3.46	283	Pg	Pg	01 58 10.7	+2.0
BRG				Sg	Sg	01 58 52.4	-1.0
BRG				Amp		01 58 59.6	
CKRC	Cesky Krumlov	3.50	249	ePg	Pb	01 58 06.5	+1.2
CKRC				eSg	Sb	01 58 50.5	+2.1
KHC	Kasperske Hory	3.84	256	ePn	Pn	01 58 02.8	0.0
KHC				ePg	Pb	01 58 11.0	0.0
KHC				eSg	Sg	01 59 02.7	-3.0
MOA	Molin	4.04	236	i Sn	Sn	01 58 53.4	0.0
CLL	Collin	4.12	288	ePg	Pg	01 58 24.0	+2.6
CLL				eSg	Sg	01 59 14.0	-0.8
BIOA	Bad Ischl, Aus	4.47	238	i Sn	Sn	01 59 05.1	+0.9
BSD	Bornholm Skovb	5.59	333	eP	Pn	01 58 27.8	+1.1
BSD				i S	Sn	01 59 29.8	-1.8
BSD				IAML		01 59 47.0	
LUNU	Lund	6.48	329	i P	Pn	01 58 39.7	+0.8
LUNU				i S	Sn	01 59 52.6	-0.9
BJUU	Bjov	6.98	330	i P	Pn	01 58 47.1	+1.3
BJUU				i S	Sn	02 00 04.5	-1.3
DEL	Delary	7.06	335	i P	Pn	01 58 48.0	+1.0
DEL				i S	Sn	02 00 01.7	-6.1
FABU	Falkenberg	7.84	333	i P	Pn	01 58 58.2	+0.5
FABU				i S	Sn	02 00 19.9	-7.2

ISC 04 01:58:15.9-2.9,2.27N-129.18E,h0km,mb3.4/5, mbtmp3.5/5, Error ellipse: s-maj=248.4km s-min=22.9km az=70.0, Halmaheera

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
				Op	h	m	s
					ISC	ISC	ISC
WRA	Warramunga Arr	22.65	167	P	P	02 03 19.1	+0.3
ASAR	Alice Springs	26.19	170	P	P	02 03 51.9	-0.5
MKAR	Makanchi Array	60.15	325	P	P	02 08 25.9	+0.4
KURBB	Kurchatov Arr	64.29	327	P	P	02 08 52.8	-0.2
BVAR	Borovoye Array	68.88	327	P	P	02 09 28.6	0.0

KRNET 04 01:58:26.7-0.1,39.51N-76.91E,mb2.6
 SOME 04 01:58:29.1,39.63N-76.92E,h5km
 NNC 04 01:58:30.3-1.9,39.66N-76.81E,h0km,mb3.5,mpv3.2, Error ellipse: s-maj=13.9km s-min=12.6km az=90.0
 ISC 04 01:58:29.6-1.8,39.65N-0.08-76.80E,0.04,h10km,n36,
 #219/60,15C-7D,Southern Xinjiang

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
				Op	h	m	s
					ISC	ISC	ISC
NRN	Naryn baz=40	1.89	341	i P	Pb	01 59 04.3	0.0
NRN				i S	Sg	01 59 32.2	+1.9
TARG	Taragay, Kyrgy baz=17	2.21	20	i P	Pb	01 59 08.5	-1.4
TARG				i S	Sb	01 59 38.9	+1.3
KDJ	Kajisay baz=5.0	2.50	6	i P	Pb	01 59 13.1	-1.5
KDJ				i S	Sb	01 59 46.2	+0.7
SFK	Sufi-Kurgan baz=82	2.57	279	i P	Pb	01 59 13.6	-2.3
SFK				i S	Sb	01 59 47.9	+0.3
ULHL	Ulhal baz=50	2.63	35	i P	Pb	01 59 14.8	-2.1
ULHL				i S	Sb	01 59 50.0	+0.6
ARLS	Aral baz=21	2.91	320	i P	Pb	01 59 18.6	-3.0
ARLS				i S	Sb	01 59 56.7	-0.5
BOOM	Boomskoye usch baz=47	2.92	347	i P	Pb	01 59 18.8	-2.9
BOOM				i S	Sb	01 59 56.9	-0.6
PRZ	Przeval'sk baz=20	3.08	23	i P	Pb	01 59 20.6	-4.0
PRZ				i S	Sb	01 59 59.7	-2.6
TNSS	Tian-Shan	3.39	2	e P	Pg	01 59 32.3	-2.2

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
				Op	h	m	s
					ISC	ISC	ISC
TNSS	5.2nm,0.5s			eS	Sg	02 00 17.3	-1.1
TNSS	10nm,0.9s	3.39	2	Pg	Pg	01 59 32.3	-2.2
TNSS	Tian-Shan 5.2nm,0.4s			Lg	Lg	02 00 17.6	
TKM2	10nm,1.1s	3.40	345	i P	Pb	01 59 28.8	-1.2
TKM2	Tokmak 2 1.0nm,0.3s			i Lg	Lg	02 00 18.0	
KST	Kastek 1.7nm,0.4s	3.45	350	e P	Pg	01 59 34.0	-1.7
KST				eS	Sg	02 00 20.2	-0.2
KST	15nm,0.7s	3.45	350	Pg	Pg	01 59 34.0	-1.7
KST	Kastek 1.7nm,0.4s			Lg	Lg	02 00 20.2	
AAK	Ala-Archa 4.6nm,0.8s	3.46	330	Pg	Pb	01 59 31.6	+0.6
AAK				i Lg	Lg	02 00 20.8	
MTBS	Maitube 2.7nm,0.1s	3.49	355	e P	Pg	01 59 34.7	-1.8
MTBS				eS	Sg	02 00 21.5	-0.2
MTBS	Maitube 2.7nm,0.1s	3.49	355	Pg	Pg	01 59 34.7	-1.8
MTBS				Lg	Lg	02 00 21.5	
MDOK	Medeo 5.7nm,0.7s	3.52	3	e P	Pg	01 59 35.2	-1.7
MDOK				eS	Sg	02 00 22.3	-0.2
MDOK	13nm,0.8s	3.52	3	Pg	Pb	01 59 33.7	+1.7
MDOK	Medeo 6.5nm,1.0s			Pg	Pg	01 59 35.2	-1.7
MDOK	5.7nm,0.7s			i Lg	Lg	02 00 22.1	
MDOK	31nm,0.9s			Lg	Lg	02 00 22.3	
KOTS	Kotyrbulak 12nm,0.8s	3.59	4	e P	Pg	01 59 35.6	-2.7
KOTS				eS	Sg	02 00 22.8	-2.1
SATY	Saty 31nm,0.7s	3.62	19	e P	Pg	01 59 36.0	-2.8
SATY				eS	Sg	02 00 23.6	-2.1
SATY	Saty 5.5nm,0.8s	3.62	19	Pg	Pg	01 59 36.0	-2.8
SATY				Lg	Lg	02 00 23.6	
DGS	Degeres 2.5nm,0.6s	3.67	348	e P	Pg	01 59 37.9	-2.0
DGS				eS	Sg	02 00 26.6	-1.0
DGS	10nm,0.6s	3.67	348	Pg	Pg	01 59 37.9	-2.0
DGS				Lg	Lg	02 00 26.6	
KURS	Kuram 4.5nm,0.6s	3.97	15	e P	Pg	01 59 43.1	-2.5
KURS				eS	Sg	02 00 35.6	-1.5
SHLS	Shalkode 4.3nm,0.5s	4.04	29	e P	Pg	01 59 46.6	-0.3
SHLS				eS	Sg	02 00 41.6	+2.4
KTBS	Karabobe 2.1nm,0.7s	4.06	359	e P	Pg	01 59 44.7	-2.7
KTBS				eS	Sg	02 00 38.5	-1.5
KTBS	Karabobe 2.1nm,0.5s	4.06	359	Pg	Pg	01 59 44.7	-2.7
KTBS				eS	Sg	02 00 38.5	-1.5
KPKS	Kokpek 2.9nm,0.3s	4.07	20	e P	Pb	01 59 43.1	+1.8
KPKS				eS	Sb	02 00 35.5	+4.9
KPKS	Kokpek 4.6nm,0.6s	4.07	20	Pg	Pb	01 59 43.1	+1.8
KPKS				Lg	Lg	02 00 35.5	
MRKS	Merke 9.6nm,0.5s	4.11	320	e P	Pg	01 59 46.4	-1.8
MRKS				eS	Sg	02 00 41.5	0.0
MRKS	Merke 1.1nm,0.2s	4.13	349	e P	Pg	01 59 46.4	-2.3
MRKS				eS	Sg	02 00 41.5	0.0
MRKS	Karabastau 2.0nm,0.6s	4.13	349	e P	Pg	01 59 46.4	-2.3
MRKS				eS	Sg	02 00 41.5	0.0
MRKS	Karabastau 17nm,0.6s	4.13	349	Pg	Pg	01 59 46.4	-2.3
MRKS				Lg	Lg	02 00 41.5	
MNAS	Manas baz=13	4.31	312	e P	Pn	01 59 38.3	+2.9
MNAS				i S	Sn	02 00 30.6	+4.8
BLB	Baldybastay 16nm,0.5s	4.62	15</				

Table with columns: SFK, Sufi-Kurgan, 2.58 279, Pn, 03 53 14.2 +0.2, etc. Includes various station codes and coordinates.

KRNET 04 04:00:26.0.0.1, 39.48N;76.76E, mb3.0
SOME 04 04:00:30.3, 39.63N;76.70E, h10km
NCC 04 04:00:30.1, 3.2, 39.67N;76.86E, h0km, mb3.7, mpv3.3,
Error ellipse: s-maj=21.4km s-min=16.3km az=169.0

Table with columns: SFK, Sufi-Kurgan, 2.63 283f, Pn, 04 01 11.6 +0.3, etc. Includes various station codes and coordinates.

ICD 04 04:07:33.9.0.8, 7.99S;116.42E, h0km, mb3.9/9,
mbmp3.9/10, ML3.3/1, MS3.2/4, Error ellipse:
s-maj=30.5km s-min=17.7km az=61.0
DJA 04 04:07:36.2.0.2, 8.5S;111.6E, h10km, M4.5/12, mb4.6/4,
mB4.8/2, MLV4.5/12, Mw(mb)4.0/2
NEIC 04 04:07:37.4.1.3, 8.3S;0.0;116.35E;0.07, h10km, 1km,
mb4.3/12, Error ellipse: s-maj=21.3km s-min=6.6km
az=154.0
ISC 04 04:07:36.9.0.6, 8.11S;0.06x116.41E;0.04, h10km, n46,
a15/21/41, mb4.3/11, MS3.5/3, Sumbawa region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, etc. Includes various station codes and coordinates.

IDC 04 04:46:55.0.2.8, 5.37S;147.24E, h208km, 27km, mb3.7/8,
mbmp4.3/10, MS2.9/1, Error ellipse: s-maj=31.8km
s-min=18.2km az=108.0
NEIC 04 04:46:55.9.1.6, 5.46S;0.07;147.08E;0.05, h202km, 8km,
mb4.4/49, Error ellipse: s-maj=10.0km s-min=7.7km
az=187.0
DJA 04 04:46:58.1.6.5, 5.12x14.7E;1.4, h226km, 13km,
M4.9/5, mB4.8/1, mb4.6/5, MLV5.2/1, Mw(mb)4.1/1
ISC 04 04:46:55.3.0.5, 5.54S;0.05;147.13E;0.07, h195km, n94,
a19/3/7, mb4.4/36, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like FITZ, OOD, ARMA, LCRK, STKA, etc.

Table with columns: RTAL, IAML, and other station codes. Includes stations like FUG, GCG4, GCG4, etc.

Table with columns: QRZ, QRZ, QRZ, etc. Includes stations like Quartz Range, Quartz Range, Blackbirch Sta, etc.

ICD 04 05:56:45.5:2.7, 5.58N:127.18E, h118km, 22km, mb3.9/12, mbtmp4.3/13, MS2.7/1, Error ellipse: s-maj=4.73km, s-min=12.8km az=71.0

NEIC 04 05:56:45.9:1.2, 5.57N:127.07E:0.1, h104km, 8km, mb4.5/6, mb4.74, MLv4.5/9, Mw(MB)3.9/4, az=71.0

DJA 04 05:56:50.0:1.0, 5.5N:127.7E, h150km, 6km, M4.4/9, mb4.5/6, mb4.74, MLv4.5/9, Mw(MB)3.9/4, az=71.0

ISC 04 05:56:43.8:0.5, 5.58N:127.07E:0.08, h100km, n58, r120/65, mb4.4/27, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like DAV, TNTI, TNTI, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like TOL12, KAPI, SBUM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like FITZ, COEN, COEN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like WBO, WRAP, WRAP, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like WBO, WRAP, WRAP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like WBO, WRAP, WRAP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like WBO, WRAP, WRAP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like WBO, WRAP, WRAP, etc.

CATAC 04 05:22:43.7:0.3, 15.23N:91.22W, h4km, 1km, ML3.1, GC3 04 05:22:44.2:0.8, 15.18N:91.22W, h31km, 8km, MD3.5

ISC 04 05:22:43.4:0.9, 15.25N:103.9120W:0.03, h13km, 7km, n20, c092/33, Mexico-Guatemala border region

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like KUTZ, WATZ, HSRZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like WBO, WRAP, WRAP, etc.

4d 6h

Table with columns: MDT, Midelt, comp, Pn, Pn, 06 15 01.2 -0.6, LLW, Lanuwychlynn, 13.46 18 eP, Pn, 06 16 04.3 -1.9, etc.

Table with columns: LLW, Lanuwychlynn, 13.46 18 eP, Pn, 06 16 04.3 -1.9, GOPC, GO Pecny, OnDr, 20.20 53 AMS, AMS, 06 26 10.0, etc.

Table with columns: GOPC, GO Pecny, OnDr, 20.20 53 AMS, AMS, 06 26 10.0, SSSD, Sdr, Stenderup, 20.25 34 / P, IAMB, P, 06 17 32.8 +2.2, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and Signal. Includes stations like BELG, GGN, KIRV, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and Signal. Includes stations like KSH, MKAR, INK, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and Signal. Includes stations like G23K, H24K, C18K, etc.

4d 7h

Table of station data for the left column, including station names like F10A MNHN, JLJU Jordanelle, and various other identifiers with associated coordinates and status.

2018 SEP

Main table of station data for 2018 SEP, listing stations such as TBI Tubuai, WRA Warramunga Arr, and ASAR Alice Springs, with detailed coordinates and status.

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Table of station data for the right column, including stations like KURBB Kurchatov Arra, WRA Warramunga Arr, and ASAR Alice Springs, with detailed coordinates and status.

4d 12h

2018 SEP

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like FITZ, SOEI, P5A00, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like BMO, V35K, PMR, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like IL31, ILAR, ILAR, etc.

Table with columns: BRG, Station Name, Azimuth, Elevation, P, PK, Time, Res. Includes stations like Berggiesshubel, Neuburg, Moravsky Berou, etc.

Table with columns: Station Name, Azimuth, Elevation, P, PK, Time, Res. Includes stations like Ketmen, Saty, Kokes, etc.

Table with columns: Station Name, Azimuth, Elevation, P, PK, Time, Res. Includes stations like Ulah, Aral, Boom, etc.

IDC 04 12:19:40.8;60.0, 17.47S; 177.67W, h533km,29km, mb3.0/3, mbmp3.9/4, Error ellipse: s-maj=1049.0km s-min=140.9km az=79.0

NEIC 04 12:19:40.7;0.4, 17.3S;0.2;177.66W;0.06, h530km,12km, mb4.1/12, Error ellipse: s-maj=32.3km s-min=5.0km az=191.0

ISC 04 12:19:41.0;0.9, 17.5S;0.2;177.7W;0.1, h550km, n19, r150719, mb4.0/3, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, P, PK, Time, Res. Includes stations like Nonsavu, Nue, Toot, etc.

DJA 04 12:44:01.1;0.4, 6°S;4°13'0E", h220km,10km, M4.0/12, mb3.8/7, MLV4.1/12, MwMwp4.9/2, Mwps5.2/2

IDC 04 12:44:04.0;4.7, 6°15S; 128.88E, h237km,51km, mb3.1/3, mbmp3.7/5, Error ellipse: s-maj=120.6km s-min=14.1km az=71.0

ISC 04 12:43:59.8;0.9, 5.73S;0.07;130.09E;0.09, h200km, n16, r1889/19, mb3.4/3, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, P, PK, Time, Res. Includes stations like BNDI, MSAI, KRAI, etc.

NOU 04 12:47:46.8, 22.00S; 170.10E, h0km, mb4.3/8, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Elevation, P, PK, Time, Res. Includes stations like MARC, PINNC, YATNC, etc.

KRNET 04 13:11:43.1;0.1, 39°47'N;76°84'E, mb3.3, NNC 04 13:11:45.4;6.5, 39°61'N;76°86'E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=44.8km s-min=32.7km az=167.0

SOME 04 13:11:48.7, 39°80'N;76°87'E, h5km, ISC 04 13:11:46.1;1.6, 39.45N;0.08;76.88E;0.04, h10km, n45, r148/77, 22C-10D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, P, PK, Time, Res. Includes stations like NRN, TARG, SFK, etc.

NEIC 04 13:29:59.1;6.5, 67°51'S;0.06;25°4W;0.2, h35km, 1km, mb5.0/28, Error ellipse: s-maj=15.7km s-min=9.9km az=109.0

BUI 04 13:32:31.0;0.0, 58°00'S;25°40'W, h41km, Ms5.2/1, GCMT 04 13:32:32.5;0.3, 58°13'S;0°02'24"W;0.04, h59km, 3km, MW4.9/88, Moment tensor solution. s29.c30; s88.c117; Duration: 0 Moment tensor: Scale 10^19Nm; Mw0.98; 17; Mw-0.38; 17; Mw-0.59; 17; Mw-1.86; 09; Mw2.28; 10; Mw-0.07; 08; Best double couple: Mw3.05800x10^16 NP1: 278.00000°, 877.00000°, 143.00000°. NP2: 0; 176.00000°, 848.00000°, 162.00000°. Principal axes: T 2.9380, Plg39.0000°, Azm146.0000°; N 0.2390, Plg45.0000°, Azm292.0000°; P -3.1780, Plg18.0000°,

Table with columns: Code, Station Name, Azimuth, Elevation, P, PK, Time, Res. Includes stations like SHLS, SHLS, KPKS, etc.

Azhd4.0000": nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 04 13:32:33.21.4.5.77.975Z.25.64W, h69km, mb.6/12, mbmp4.9/14, MS3.9/31 Error ellipse: s-maj=18.1km s-min=12.7km baz=65.0

ISC 04 13:32:31.2.0.5.57.955Z.0.06.25.53W.0.08, h53km, d4km, h52km, pp-P, n313, d0929299, mb4.9/22, MS4.0/29, 13C-1D, South Sandwich Islands

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

Table with columns: LSZ, Lusaka, Az, Phase, ISC, Time, Res, ISC. Lists various seismic stations and their parameters.

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

Table with columns: Call Sign, Station Name, Frequency, Mode, and other parameters. Includes stations like Jago River, Knik Glacier, Sewas, Denali Highway, Susitna Watana, Sawmill, Birch Creek, Harding Lake, Eielson Array, Eielson Array, Christian River, Palmer, Bearman Lake, Camden Bay, Susitna Watana, Rabbit Creek, Poker Flat Res, Kodiak Island, Kodiak Island, College, College, Old Harbor, Kavik River, Willow, McKimley, Shuyak Island, Hadweenzic Riv, Homer, Noodor Dome, Sitkinak Island, Captain Cook N, Susitna One, Chullina, Nemaia, Squaw Lake, Korea Arr, Korea Arr, Minto, Your Creek, Karluk, Slope Mountain, Yukon River, Cape Douglas, Oil Pt, Mount Spurr, Spurr Chakacha, Franklin Bluff, Happy Valley, Bear Paw Mtn, Chandalar, Gananza Creek, Manley, Toolik Lake, Coldfoot, Purkeypile, Katmai Hardscr, Styx River, Ishlitalina Cre, Port Alsworth, Namushuk River, Itkillik River, Lake Minchumini, Contact Creek, Mt. Peulik Vol, Bettles, Big Mountain, Bonanza Creek, Koktuh Hills, Anaktuvuk Pass, Farewell, AK, John River, John River, Big River, Melozitna Riv, Chernabura Isl, Telida, Kvichak River, Ayiyak River, Nowinta River, Kilae Creek, Teshequb Lake, Indian Moutai, Alatina Riv, Nushagak Hills, Matsuhiro Arr, Timber Creek.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other parameters. Includes stations like Ilditar, Honhosa River, Owlit River, Selawik, Wainwright, Tukpahlearik C, Ungalak Mounta, Kiwialik Mounta, Bethel, Wot Creek Mout, Kokolik Riv, Balwedd Pennin, Hotham Inlet, Eilim, DeLong Mountai, Ussuriysk Ar, Wot Creek Mout, Tin City, Petropavlovsk, DUBNA INFRASON, I37NO, AKTYUBINSK INF, ZALESOVO INFRASO.

IDC 04 13:41:46.7:440.0,57.55N:29.93E, h0km, Error ellipse: s-maj=167.8km s-min=94.8km az=91.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like DUBNA INFRASON, I37NO, AKTYUBINSK INF, ZALESOVO INFRASO.

NEIC 04 13:55:38.3:1.2,22.1S:0.1x170.4E:0.1, h10km, mb4.8/12, Error ellipse: s-maj=20.1km s-min=17.8km az=40.0

IDC 04 13:55:44.8:2.7,22.13S:170.24E, h61km, mb3.7/8, mbmp3.9/10, ML4.1/2, MS3.5/6, Error ellipse: s-maj=25.6km s-min=17.6km az=169.0

NOU 04 13:56:04.0,22.08S:168.38E, h0km, MLV2.8/5, New Caledonia

ISC 04 13:55:42.9:0.7,22.2S:0.1x170.34E:0.09, h51km, n61, 158/56, mb4.5/15, MS3.5/5, 4C, Southeast of Loyalty Islands

Table with columns: Call Sign, Station Name, Frequency, Mode, and other parameters. Includes stations like PINNC, LIFENC, LIFENC, YATNC, ONTNC, ONTNC, DZM, DZM, NOUC, KOUNC, IMSVF, HNR, LTZ, LTZ, CTA, CTA, PMG, STKA, WR0, WR0, AS31, ASAR, ASAR, WB0, WB0, WB2, WRA, WRA, MTN, MTN, KNRA, GUMO, KAPI, TOL1, TOL2, CASY, QSPA, QSPA, USAOB, BELA, BELA, CMAR, TROLL, SNA, SNA, VNA3, VNA1, SONM, ARCE, MORC, DPC, YVHS, JUPC, JAVC, VRAC, VRAC.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other parameters. Includes stations like BRG, BRG, CLL, CLL, CLL, KRUC, EKA, KCRC, KHC, KHC, DAVOX.

IDC 04 13:57:25.1:999.0,50.59N:4.56W, h0km, Error ellipse: s-maj=1011.0km s-min=290.1km az=43.0, United Kingdom

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like I37NO, I43RU, I31KZ.

KRNET 04 13:57:56.0:0.1,39.44N:76.85E, mb3.7, NNC 04 13:57:59.0:1.8,39.64N:76.92E, h0km, mb4.2, mpv3.9, Error ellipse: s-maj=12.2km s-min=9.7km az=169.0, SOME 04 13:57:58.4,39.67N:76.92E, h5km, ISC 04 13:57:58.7,1.6,39.64N:077.487E:0.04, h10km, n60, 2521/88, 18C-15D, Southern Xinjiang

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like NRN, NRN, TARG, TARG, KDJ, KDJ, KDJ, SFK, SFK, ULHL, ULHL, ULHL, ULHL, BOOM, BOOM, ARLS, ARLS, ARZ, ARZ, PRZ, PRZ, OHH, OHH, KBK, KBK, KBK, KBK, TNSS, TNSS, TNSS, TNSS, IZV, IZV, IZV, IZV, TKM2, TKM2, TKM2, TKM2, AML, AML, KST, KST, AAK, AAK, AAK, AAK, MTBS, MTBS, MTBS, MTBS, MDOK, MDOK, MDOK, MDOK, AAA, AAA, AAA, AAA, AAA, AAA, KNDK, KNDK, KOTS, KOTS, KOTS, KOTS, SATY, SATY, SATY, SATY, SATY, CHMS, CHMS.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res. Includes entries for MKAR, KURBS, ILAR, WRA.

NEIC 04 14:37:48.91.6.57.90S:0:04:25.5W:0:2,h35km,1km, mb5.2/59, Error ellipse: s-maj=17.4km s-min=5.4km az=81.0

MOS 04 14:37:49.8:0.9:57.94S:25:61W,h55km,mb5.1/4, Error ellipse: s-maj=31.8km s-min=12.8km az=104.5

IDC 04 14:37:51.9:2.4:57.96S:25:59W,h63km,20km,mb4.7/12, mbmp5.0/14,MS3.9/31, Error ellipse: s-maj=17.1km s-min=12.4km az=53.0

GCMT 04 14:37:52.0:4.5:59.03S:0:03:24:97W:0:05,h45km,1km, MW5.0/57, Moment Tensor Solution. s39,c46; s57,c69; Duration: 0. Moment tensor: Scale 10^16Nm; Mr:8.2; 25; Mo:0.8; 19; Mw:3.6; 15; Mw:0.22; 16; Mw:0.37; 12; Mw:0.69; 13; Best double couple: Mo:3.28200e10^16

NP1:0.2,00000; 0.651,00000; 0.100,00000; NP2: 0.167,00000; 0.640,00000; 0.78,00000; Principal axes: T 2.9250, Plg81.0000; Azm318.0000; N 0.7990, Plg7.0000; Azm176.0000; P -3.7300, Plg6.0000; Azm86.0000; nst1a refers to body waves, cutoff=40s. nst12a refers to surface waves, cutoff=50s. Triangular moment-rate function

BJJ 04 14:37:54.0:0.58:00S:25:60W,h85km,mb5.1/2, Ms7.5/12

ISC 04 14:37:51.2:0.7:58.00S:0:06:25:49W:0:07,h85km,5km, n478,e080/461,mb5.2/44,MS3.8/29,13C,South Sandwich Islands region

Main table on the left side of the page, listing station codes (HOPE, VNA1, VNA3, etc.) and their associated data.

Main table in the middle of the page, listing station codes (CPUP, CPUP, CPUP, etc.) and their associated data.

Main table on the right side of the page, listing station codes (BAUV, SDV, BME, etc.) and their associated data.

4d 14h

2018 SEP

Table with columns: BRVK, BORVOYE, 135.01, 58, PKPdf, PKPdf, 14 57 02.4, 0.0, etc. Lists various locations and their associated data points.

Table with columns: BMRM, BREMER, 149.91, 302, P, PKIKP, 14 57 34.1, -0.2, etc. Lists various locations and their associated data points.

Table with columns: G23K, BANANZA, 153.72, 312, P, PKIKP, 14 57 42.6, +0.6, etc. Lists various locations and their associated data points.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like D17K Noatak River, NIKH Nikolski High, J14K Nanvaranak Lak, etc.

IDC 04 14:38:15.4,2.2, 17:65S;178:51W, h0km, mb2.7/5, mbtmp3.6/6, Error ellipse: s-maj=62.5km s-min=24.0km az=144.0

ISC 04 14:38:14.8,1.6, 17:8S;0:4,178:4W, h0,2, h600km, n6, o=029/8, mb3.1/5, Fijil Islands region

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

KRNET 04 14:57:33.0,0.1, 39:51N;76:85E, mb2.7

SOME 04 14:57:34.9, 39:70N;76:87E, h0km

NINC 04 14:57:36.1,2.8, 39:70N;76:89E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=19.2km s-min=11.6km az=172.0

ISC 04 14:57:36.0,2.1, 39:40N;0:10, 76:98E, 0.05, h25km, n34, o=116/54, 19C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NRN Naryn, KDJ Kajisay, SFK Sufi-Kurgan, etc.

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

IDC 04 15:01:50.5,4.7, 18:24S;178:08W, h547km, 25km, mb2.7/4, mbtmp3.7/5, Error ellipse: s-maj=119.7km s-min=27.1km az=135.0, Fijil Islands region

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

IDC 04 15:06:45.9,4.0, 31:67N;94:42W, h0km, mb2.9/2, mbtmp3.1/4, ML4.0/1, MS2.8/2, Error ellipse: s-maj=61.1km s-min=20.0km az=140.0, Louisiana-Texas border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, TXAR Pinedale Array, TXAR Mina Array, etc.

HEL 04 15:13:42.2,0.2, 68:04N;32:88E, h0km, ML1.5, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LVZ Lovozero, VRF Varrio, RAJF Raja-Jooseppi, etc.

DNK 04 15:14:12.1, 6.51:44N;16:74E, h45km, 27km, ML2.9

IEPC 04 15:14:14.2,0.2, 51:50N;16:15E, h1km, ML2.4/4, Error ellipse: s-maj=1.9km s-min=1.1km az=38.0

VIE 04 15:14:15.9,0.8, 51:35N;15:90E, h0km, mb2.3/3, ml2.6/3, Error ellipse: s-maj=6.9km s-min=5.1km az=63.0, Suspected Mining induced.

PRU 04 15:14:15.6, 51:47N;16:08E, h0km

ISC 04 15:14:12.7,0.8, 51:56N;0:03, 16:13E, 0.03, h0km, n32, o=1915/60, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSP Ksiaz, CHVC Chvalec, OSTC Ostas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GOPC Pruhonice, PRU Hora Svate Kat, HSKB Collim, etc.

HEL 04 15:14:15.4,0.5, 67:19N;20:65E, h0km, ML1.2, Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PAJU Pajala, LANU Lannavaara, KLF Kolari, etc.

SJA 04 15:20:45.2,0.7, 22:88S;70:80W, h28km, 3km, ML3.9, MW4.0

IDC 04 15:20:45.3,4.5, 23:21S;70:22W, h0km, mb4.2/1, mbtmp4.0/2, ML3.9/1, MS3.9/2, Error ellipse: s-maj=141.5km s-min=80.8km az=87.0

GUC 04 15:20:50.4,0.6, 22:81S;70:51W, h29km, 3km, ML3.8

ISC 04 15:20:47.1, 5.2, 22:84S;0:03, 70:63W, 0.06, h14km, 9km, n38, o=1529/48, 2C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB04 IPOC Station P, PB04 IPOC Station P, PB04 IPOC Station P, etc.

Table with columns: PRZ, baz, azimuth, elevation, station name, and coordinates. Includes stations like BOOM Booms koye usch, ARLS Aral, TNS5 Tian-Shan, etc.

Main table with columns: ARXS, station name, azimuth, elevation, station name, and coordinates. Includes stations like ARXS Arharly, KNOS Konyrlen, DJR Jarkent, etc.

Table with columns: ESAO, station name, azimuth, elevation, station name, and coordinates. Includes stations like ESAO Su ao, SXII Grass Mountain, FUSB Fushanzhiwuyua, etc.

SOME 04 17:10:38.3 39°47N, 77°00E, h5km
KRNET 04 17:10:39.7 0.1 39°42N, 77°01E, mb3.1
NNC 04 17:10:40.3 0.9 39°53N, 76°96E, h0km, mb3.9, mpv3.5,
Error ellipse: s-maj=5.7km s-min=4.6km az=170.0

ISC 04 17:10:45.5 -1.6, 39°45N, 077°46E, h25km, n62,
c264/97, 40C-5D, Southern Xinjiang

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

Main table of seismic events with columns: SHLS, Shalkode, Az, Pg, Pp, Time, Res, ISC. Lists seismic events with their characteristics and station data.

Table with columns: TOLK, Toolik Lake Re, Az, P, Pp, Time, Res, ISC. Lists seismic events from Toolik Lake region.

NEIC 04 17:34:20.6 ±2.0, 181°S, 01°17'8" W, h520km, 7km,
mb4.3/24, Error ellipse: s-maj=20.1km s-min=11.7km
az=46.0

ISC 04 17:34:21.9 ±1.5, 181°S, 01°17'32" W, h531km, 12km, mb3.4/9,
mbmp4.2/10, Error ellipse: s-maj=23.8km s-min=17.2km
bz=100.0

ISC 04 17:34:21.7 ±0.5, 181°S, 01°17'8" W, h550km, n52,
c154/56, mb4.2/20, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 200 event.

Table with columns: Code, Station Name, Az, El, P, I, M, Time, Res, ISC. Includes stations like Timber Creek, Wolf Creek Mtn, Granite Mounta, etc.

SKHL 04 17:50:04.5-0.3, 47.50N; 154.30E, h66km, 9km, mb4.7/4
MOS 04 17:50:05.4-1.6, 47.74N; 154.16E, h65km, mb4.2/6, Error
ellipse: s-maj=11.4km s-min=6.8km az=73.2
IDC 04 17:50:07.8-2.4, 47.75N; 154.01E, h70km, 20km, mb3.6/20,
mbmp3.9/28, MSZ.9/6, Error ellipse: s-maj=18.2km
s-min=13.2km az=134.0

Table with columns: Code, Station Name, Az, El, P, I, M, Time, Res, ISC. Includes stations like Severo-Kuril's, Petropavlovsk, Shikotan, etc.

Table with columns: Code, Station Name, Az, El, P, I, M, Time, Res, ISC. Includes stations like Korea Array, Wake Island Hy, Kurchatov, etc.

IDC 04 17:52:43.5-4.1, 38.81N; 77.35E, h0km, mb3.6/2,
mbmp3.4/4, MLZ.7/2, Error ellipse: s-maj=83.0km
s-min=32.0km az=129.0
KRNET 04 17:52:48.7-0.1, 39.45N; 76.83E, mb3.4
SOME 04 17:52:51.7, 39.70N; 76.87E, h5km
NNC 04 17:52:53.3-1.2, 39.71N; 76.89E, h0km, mb4.0, mpv3.6,
Error ellipse: s-maj=8.2km s-min=6.4km az=170.0
ISC 04 17:52:48.8-1.1, 39.57N; 0.05; 76.90E; 0.03, h10km, n74,
a198H/104,33C-10D, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, P, I, M, Time, Res, ISC. Includes stations like Narvn, Kajsaj, Sufti-Kurgan, etc.

Table with columns: Code, Station Name, Az, El, P, I, M, Time, Res, ISC. Includes stations like TNSS, TKM2, AML, KST, etc.

NMLH	baz=312	eS	Pn	17 53 56.3 +0.7
TATO	Taipei	1.59 340 P	Pn	17 53 36.8 +1.0
MASB	Mashiuluo	1.59 238 eP	Pn	17 53 36.2 +0.3
MASBT	baz=231	eS	Sn	17 53 55.4 -0.3
NWF	Wu-fen Shan	1.61 350 eP	Pn	17 53 37.3 +1.1
NWF	baz=351	S	Sn	17 53 57.4 +1.1
WFSB	Wu-fen Shan	1.61 350 eP	Pn	17 53 37.0 +0.8
WFSB	baz=351	eS	Sn	17 53 55.0 -1.1
WX1	Grass Mountain	1.62 353 iJP	Pn	17 53 37.1 +0.7
SRI	Guolierlin Hig	1.62 285 eP	Pb	17 53 37.7 -0.8
WRL	Guolierlin Hig	baz=274	eS	17 53 59.0 +0.3
WRL	baz=274	eS	Sb	17 53 59.0 +0.3
NHY	Taipei	1.62 343 eP	Pb	17 53 37.7 -0.9
NHY	baz=331	eS	Sn	17 53 57.5 +1.1
CHN3	Shinhua	1.63 256 eP	Pb	17 53 39.0 +0.3
CHN3	baz=255	eS	Sn	17 54 00.2 +1.4
TAP	Taipei	1.64 341 eP	Pn	17 53 37.6 +1.0
TAP	baz=331	eS	Sn	17 53 57.8 +0.9
SGLT	Jiouru	1.65 243 eP	Pb	17 53 39.6 +0.6
SBCT	Hsinchu	1.65 323 eP	Pb	17 53 38.8 -0.3
SBCB	baz=323	eS	Sn	17 53 58.0 +0.9
ICHU	Yijhu	1.66 266 iJP	Pb	17 53 38.6 -0.7
ICHU	baz=265	eS	Sb	17 54 00.1 +0.3
TWM1	Shoushan	1.66 247 iJP	Pb	17 53 39.6 +0.4
TWM1	baz=246	eS	Sb	17 54 02.1 +2.3
HSN	Hsinchu	1.67 322 eP	Pb	17 53 38.5 -0.8
HSN	baz=325	iS	Sn	17 53 58.3 +0.8
HATJ	Hateruma jima	1.68 70 P	Pn	17 53 37.7 +0.7
HATJ	baz=250	S	Pn	17 53 57.7 0.0
SSHA	Shanhua	1.69 259 P	Pb	17 53 39.8 +0.2
SSHA	baz=258	eS	Sb	17 54 00.5 0.0
TNOU	National Taiwa	1.69 350 eP	Pn	17 53 37.8 +0.5
TNOU	baz=6.0	eS	Sn	17 53 58.8 +0.7
NCUH	Zhongli	1.70 331 iJP	Pb	17 53 38.6 -1.2
NCUH	baz=332	eS	Sb	17 54 00.0 -0.7
WSL	Shuilin Townsh	1.71 272 P	Pb	17 53 38.9 -1.1
WSL	baz=271	S	Sb	17 54 00.3 -0.7
WSF	Zshu	1.72 276 eP	Pn	17 53 38.8 +1.2
WSF	baz=275	eS	Pn	17 53 59.5 +0.7
YMO1	YMO1	1.73 344 iJP	Pn	17 53 38.5 +0.7
YMO1	baz=330	eS	Sn	17 53 58.9 -0.2
CHN8	Yiju	1.73 266 iJP	Pb	17 53 39.3 -1.1
CHN8	baz=265	iS	Sb	17 54 01.1 -0.6
SLIU	Shizi	1.73 224 eP	Pn	17 53 37.8 +0.1
SLIU	baz=230	eS	Pn	17 53 37.7 -0.1
TWS1	Kuangyinsan	1.73 339 iJP	Pn	17 53 37.7 -0.1
IRIF	Iriomote-Funau	1.73 60 P	Pn	17 53 38.6 +0.9
IRIF	baz=340	S	Sn	17 53 59.5 +0.4
SCZT	Fangliu	1.74 231 eP	Pn	17 53 38.9 +1.0
YMO8	YMO8	1.76 345 eP	Pn	17 53 38.7 +0.5
YMO8	baz=331	eS	Sn	17 53 59.9 0.0
TAI1	Yung-kang	1.76 256 eP	Pb	17 53 41.1 +0.2
TAI1	baz=255	eS	Sb	17 54 03.7 +1.0
SCLT	Jiali	1.77 261 P	Pb	17 53 40.3 -0.7
SCLT	baz=259	iS	Sb	17 54 02.4 -0.3
SNJT	Kaoshiung City	1.77 246 iP	Pb	17 53 41.5 +0.5
SNJT	baz=245	iS	Sb	17 54 04.5 +1.8
NTST	Danshui	1.78 341 iP	Pn	17 53 39.4 +0.9
NTST	baz=342	eS	Sn	17 54 01.3 +1.1
ANP	Anpu	1.78 343 iJP	Pn	17 53 39.1 +0.6
TWY	Chenthua	1.84 346 P	Pn	17 53 40.6 +1.2
SMST	Manzhou Townsh	1.85 219 eP	Pb	17 53 41.0 -1.4
SMST	baz=217	eS	Pn	17 54 01.5 -0.6
TSCK	Chigu Township	1.87 260 iP	Pn	17 53 41.5 -1.3
TSCK	baz=259	S	Sb	17 54 04.2 -1.5
TSEB	Hengchuen, Pin	1.92 215 eP	Pb	17 53 42.0 -1.6
TSEB	baz=223	eS	Pn	17 54 04.9 +1.3
JKRS	Kuro-shima	1.92 66 iP	Pn	17 53 41.3 +1.0
JKRS	baz=332	S	Sn	17 54 04.3 +0.6
HEN	Hengchun	1.92 221 eP	Pn	17 53 41.6 +1.2
HEN	baz=219	eS	Sn	17 54 04.1 +0.3
JIJ	Ishigaki jima	2.08 64 iP	Pn	17 53 42.9 +0.4
JIJ	baz=301	S	Sn	17 54 06.7 -0.9
PCYT	Pengchayiu	2.14 360 eP	Pn	17 53 43.7 +0.2
WDGT	Dungji	2.24 265 iP	Pn	17 53 45.6 +0.8
WDGT	baz=264	iS	Sn	17 54 10.9 -0.7
PHUB	Peng-hu	2.31 271 iJP	Pn	17 53 46.4 +0.7
PHUB	baz=258	eS	Sn	17 54 13.3 -0.1
JISG	Ishigakijimahi	2.31 61 iP	Pn	17 53 46.1 +0.3
JISG	baz=258	S	Sn	17 54 12.6 -0.9
PNG	Penghu	2.33 273 iJP	Pn	17 53 46.8 +0.9
PNG	baz=272	eS	Sn	17 54 13.5 -0.2
JTJ	Tarama	2.66 64 iP	Pn	17 53 51.1 +0.6
JTJ	baz=311	S	Pn	17 54 01.2 0.2
YVUC	Wuuc	2.84 303 iJP	Pn	17 53 52.8 -0.2
YVUC	baz=303	S	Pn	17 53 57.4 +0.5
JIRB	Irabujima	3.12 64 P	Pn	17 54 32.5 -1.0
JIRB	baz=301	iJP	Pn	17 53 56.8 -0.1
JM2J	Miyako jima3	3.22 66 P	Pn	17 53 59.1 +0.9
JM2J	baz=301	S	Pn	17 54 35.9 +0.1
JKM	Ikemajima	3.23 63 P	Pn	17 53 58.9 +0.6
JKM	baz=301	eS	Sn	17 54 35.2 -0.8
JOGS	Gusukube	3.29 67 P	Pn	17 54 00.3 +1.1
JOGS	baz=301	eS	Sn	17 54 38.0 +0.4
MATB	Ma-tsu	3.30 324 eP	Pn	17 53 58.7 -0.7
KNM	Kinmen	3.47 286 eP	Pn	17 54 03.5 +1.8
KNM	baz=286	eS	Pn	17 54 03.5 +1.8

KNMB	Chin-men Tao	3.52 287 iJP	Pn	17 54 02.6 +0.2
KNMB	baz=287	eP	Pn	17 54 05.8 -0.6
MHZO	Yeshan	3.81 314 eP	Pn	17 54 05.8 -0.6
XPSS	Dashiutu	3.84 334 eP	Pn	17 54 06.0 -0.8
ZPLA	Ao Xicun	4.00 277 eP	Pn	17 54 09.2 +0.2
SXFK	Yanhouchang	4.97 307 eP	Pn	17 54 22.0 -0.4
JOW	Kunigami	6.53 58 P	Pn	17 53 42.3 -1.4
JOW	baz=159,slow=8.7,SNR=13	S	Sn	17 55 54.9 -2.5
KSR5	Korea Array	14.81 18 P	Pn	17 56 36.0 -1.1
KSR5	baz=196,slow=11.1,SNR=1.9	P	Pn	17 56 36.0 -1.1
CMAR	Chiang Mai Arr	22.17 261 P	P	17 58 07.0 +3.4
CMAR	baz=72,slow=12,SNR=1.8	P	P	17 58 07.0 +3.4
KLR	Kul'dur	26.81 14 LR	LR	18 09 02.3
KLR	comp=Z,33nm,18.9s,baz=190,slow=36	LR	LR	18 09 02.3
SONM	Songino Array	27.34 337 P	P	17 58 52.7 +0.4
SONM	0.8nm,0.7s	P	P	17 58 52.7 +0.4
MKAR	Makanchi Array	39.42 316 P	P	18 00 37.5 +0.3
MKAR	0.3nm,0.4s,baz=111,slow=12,SNR=2.6	PcP	PcP	18 02 44.4 -0.5
MKAR	0.2nm,0.5s,baz=157,slow=4.7,SNR=3.0	LR	LR	18 16 24.6
MKAR	comp=Z,27nm,18.2s,baz=138,slow=35	LR	LR	18 16 24.6
ZALV	Zalesovo Beam	41.28 327 P	P	18 00 54.6 +2.2
ZALV	0.4nm,0.6s,baz=110,slow=9.6,SNR=2.7	P	P	18 00 54.6 +2.2
MA2	Magadan	41.33 22 LR	LR	18 18 16.7
MA2	comp=Z,1.6nm,20.2s,baz=237,slow=36	LR	LR	18 18 16.7
H11N1	WAKE ISLAND Hy 41.70 86 T	T	T	18 46 19.1
H11N1	baz=283,slow=75,SNR=1.0	T	T	18 46 19.1
H11N2	WAKE ISLAND Hy 41.70 86 T	T	T	18 46 18.8
H11N2	baz=283,slow=75,SNR=1.0	T	T	18 46 18.8
H11N3	WAKE ISLAND Hy 41.72 86 T	T	T	18 46 22.0
H11N3	baz=284,slow=75,SNR=1.6	T	T	18 46 22.0
H11S3	WAKE ISLAND Hy 41.81 88 T	T	T	18 46 29.1
H11S3	baz=284,slow=75,SNR=1.6	T	T	18 46 29.1
H11S1	WAKE ISLAND Hy 41.82 88 T	T	T	18 46 28.6
H11S1	baz=284,slow=75,SNR=1.6	T	T	18 46 28.6
H11S2	WAKE ISLAND Hy 41.83 88 T	T	T	18 46 31.0
H11S2	baz=284,slow=75,SNR=1.6	T	T	18 46 31.0
KURBB	Kurchatov Arra	43.18 320 P	P	18 01 10.9 +3.0
KURBB	0.4nm,0.6s,baz=119,slow=7.4,SNR=1.2	P	P	18 01 10.9 +3.0
WRA	Warramunga Arr	44.78 164 P	P	18 01 20.6 -0.4
WRA	1.1nm,0.6s,baz=344,slow=8.7,SNR=14	P	P	18 01 20.6 -0.4
ASAR	Alise Springs	48.25 165 P	P	18 01 48.7 +0.4
ASAR	0.4nm,0.5s,baz=340,slow=6.7,SNR=11	PcP	PcP	18 01 48.7 +0.4
ASAR	0.3nm,0.7s,baz=350,slow=2.8,SNR=2.3	PcP	PcP	18 03 14.5 -0.7
ASAR	0.2nm,0.5s	PcP	PcP	18 03 14.5 -0.7
BVAR	Borovoye Array	48.74 321 P	P	18 01 53.0 +1.2
BVAR	0.2nm,0.3s,baz=140,slow=9.1,SNR=1.2	P	P	18 01 53.0 +1.2
ILAR	Eielson Array	69.46 27 P	P	18 04 14.5 -0.6
ILAR	0.4nm,0.8s,baz=294,slow=6.8,SNR=2.8	P	P	18 04 14.5 -0.6
HFS	Hagfors	78.58 31 P	P	18 05 07.7 -0.8
HFS	1.1nm,0.7s,baz=97,slow=9.2,SNR=3.6	P	P	18 05 07.7 -0.8
HFS	1.1nm,0.7s	P	P	18 05 07.7 -0.8

IDC 04 18:02:52.0;1.2,43.98N;105.76W,h0km,mb3.71,
 mbtmp3.7/6,ML2.9/4,MS3.2/2, Error ellipse: s-maj=47.2km
 s-min=8.9km az=149.0
 ISC 04 18:02:54.3;1.3,44.3N;105.70W;0.2,h10km,n8,
 c#06346,Wyoming

Code	Station Name	Δ° AZ°	Phase ID	Time Res
Code	Station Name	Δ° AZ°	Op	ISC h m s Res
PDAR	Pinedale Array	3.17 243 Pn	Pn	18 03 44.9 +0.5
PDAR	12nm,0.3s,baz=73,slow=18,SNR=49	Lg	Lg	18 04 25.3
PDAR	16nm,0.3s,baz=71,slow=35,SNR=2.8	LR	LR	18 04 55.1
ELK	Elko	7.86 247 Pn	Pn	18 04 48.0 -0.8
ELK	comp=Z,1.0nm,20.2s,baz=64,slow=41	Pn	Pn	18 04 48.0 -0.8
ELK	0.2nm,0.3s,baz=29,slow=19,SNR=2.8	Pn	Pn	18 04 48.0 -0.8
ELK	0.5nm,0.7s	Pn	Pn	18 04 48.0 -0.8
ULM	Lac du Bonnet	8.97 45 Pn	Pn	18 05 03.6 -0.2
ULM	1.4nm,0.3s,baz=228,slow=12,SNR=12	Pn	Pn	18 05 03.6 -0.2
ULM	3.5nm,0.3s	Pn	Pn	18 05 03.6 -0.2
NVAR	Nina Array Bea	11.11 243 Pn	Pn	18 05 33.2 -0.1
NVAR	baz=55,slow=14,SNR=4.6	Pn	Pn	18 05 33.2 -0.1
SADO	Sadowa	18.94 79 P	P	18 07 15.2 -0.1
SADO	0.3nm,0.3s,baz=264,slow=19,SNR=4.9	P	P	18 07 15.2 -0.1
SADO	9.7nm,0.5s	P	P	18 07 15.2 -0.1
SFDJ	Kangerlussuaq	36.75 33 LR	LR	18 24 48.7
SFDJ	comp=Z,26nm,19.3s,baz=42,slow=36	LR	LR	18 24 48.7
HFS	Hagfors	64.81 29 LR	LR	18 41 56.6
HFS	comp=Z,1.9nm,19.1s,baz=55,slow=36	LR	LR	18 41 56.6
MKAR	Makanchi Array	89.04 354 P	P	18 15 49.8 +0.4
MKAR	0.3nm,0.6s,baz=7.4,slow=4.7,SNR=3.7	P	P	18 15 49.8 +0.4
MKAR	0.3nm,0.6s	P	P	18 15 49.8 +0.4

NEIC 04 18:17:12.9;1.2,24.65S;0.09;177.1W;0.1,h101km,8km,
 mb4.4/16, Error ellipse: s-maj=18.6km s-min=11.5km
 az=110.0
 IDC 04 18:17:12.0;0.8,24.46S;177.25W,h96km,86km,mb3.6/6,
 mbtmp4.0/7,ML3.9/1,MS3.1/1, Error ellipse: s-maj=37.9km
 s-min=29.1km az=90.0
 ISC 04 18:17:13.0;0.7,24.67S;0.08;177.1W;0.1,h100km,n29,
 c#1508/27,mb3.9/9,South of Fiji Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res
Code	Station Name	Δ° AZ°	Op	ISC h m s Res
RAO	Raoul Island	4.62 189 Pn	Pn	18 18 20.2 -0.4
RAO	comp=Z,184nm,18.9s,baz=12,slow=34	LR	LR	18 19 57.9
MSVF	Nonsavu	8.24 326 Pn	Pn	18 19 10.6 +0.7
MSVF	0.5nm,0.3s	Pn	Pn	18 19 14.7 -1.3
NIUE	Niue	8.69 52 Pn	Pn	18 20 41.1 -1.1
URZ	Urewera	14.41 199 Pn	Pn	18 20 33.1 +0.9
URZ	0.5nm,0.3s,baz=99,slow=17,SNR=2.4	S	Sn	18 23 01.8 -9.0
URZ	11nm,1.0s	S	Sn	18 23 01.8 -9.0
BKZ	Black Stump Fm	15.43 199 Pn	Pn	18 20 45.2 0.0
BKZ	comp=Z,47nm,1.4s	Iamb	Iamb	18 20 55.3
THZ	Tophouse	18.96 204 P	P	18 21 26.2 -0.1
THZ	comp=Z,33nm,1.2s	Iamb	Iamb	18 21 48.2
LTZ	Lake Taylor	20.08 203 P	P	18 21 38.7 +0.3
LTZ	comp=Z,25nm,1.5s	Iamb	Iamb	18 21 57.6
OXZ	Oxford	20.63 203 P	P	18 21 44.3 -0.1
OXZ	comp=Z,20nm,1.1s	Iamb	Iamb	18 22 26.4
LBZ	Lake Benmore	22.23 205 P	P	18 22 00.8 -0.6
WHZ	Wether Hill Ro	24.36 206 P	P	18 22 21.4 -0.1
WHZ	comp=Z,17nm,1.1s	Iamb	Iamb	18 22 21.6
BBOO	Bucklebooo	41.58 248 P	P	18 24 50.6 -0.4
BBOO	AS31	44.50 261 P	P	18 25 01.7 -0.2
ASAR	Alice Springs	44.51 261 P	P	18 25 13.9 -0.9
ASAR	comp=Z,0.8nm,0.4s,baz=92,slow=6.4,SNR=3			

E27K	Coleen River	151.29 316		PKIKP	18 57 54.5 +0.3
E27K	Coleen River	151.29 316	P	PKIKP	18 57 54.6 +0.4
P23K	Montague Islan	151.33 298	P	PKIKP	18 57 55.4 +0.9
RIDG	Independent Ri	151.46 306	P	PKIKP	18 57 55.6 +0.8
PAX	Paxson	151.49 305	P	PKIKP	18 57 55.6 +0.7
GLI	Glacier Island	151.51 300	P	PKIKP	18 57 55.3 +0.4
M24K	Tolsona, Glenn	151.52 303	P	PKIKP	18 57 56.3 +1.3
G26K	Porcupine Rive	151.85 313	P	PKIKP	18 57 56.1 +0.8
J25K	Salcha River,	151.93 308	P	PKIKP	18 57 55.3 -0.4
J25K	Salcha River,	151.93 308	P	PKIKP	18 57 56.6 +0.9
SCM	Sheep Creek Mo	151.94 302	P	PKIKP	18 57 56.9 +1.1
PWL	Port Wells	152.07 299	P	PKIKP	18 57 56.8 +0.7
M23K	Glacier View	152.11 301	P	PKIKP	18 57 57.0 +0.9
F26K	Sheenjek River	152.14 315	P	PKIKP	18 57 55.9 -0.1
F26K	Sheenjek River	152.14 315	P	PKIKP	18 57 57.1 +1.1
PRP	Porcupine Dome	152.22 310		PKIKP	18 57 55.8 -0.5
PRP	Porcupine Dome	152.22 310	PKPab	sPKPbc	18 58 06.9 -0.6
PRP	Porcupine Dome	152.22 310	P	PKIKP	18 57 57.4 +1.0
BMAR	Burnt Mountain	152.25 314		PKIKP	18 57 56.8 +0.6
EMAR	Jago River	152.28 319	PKPab	sPKPbc	18 57 57.2 +1.0
C27K	Knik Glacier	152.32 300	PKPdf	PKPdf	18 57 49.9 +0.5
KNK	Knik Glacier	152.32 300	P	PKIKP	18 57 56.5 -0.1
KNK	Knik Glacier	152.32 300	P	PKIKP	18 57 57.4 +0.8
SEW	Seward	152.32 297	P	PKIKP	18 57 57.6 +1.1
DHY	Denali Highway	152.35 304	P	PKIKP	18 57 57.9 +1.1
WAT6	Susitna Watana	152.36 303	P	PKIKP	18 57 57.7 +1.0
SML	Sawmill	152.39 301	P	PKIKP	18 57 57.6 +0.9
H25L	Birch Creek	152.50 311	P	PKIKP	18 57 58.0 +1.3
HDA	Harding Lake	152.53 307	P	PKIKP	18 57 56.6 -0.2
HDA	Harding Lake	152.53 307	P	PKIKP	18 57 58.2 +1.4
KSR5	Korea Array	152.55 128	PKPbc	PKPbc	18 57 59.2 +1.5
O22K	Cooper Landing	152.58 298	P	PKIKP	18 57 58.4 +1.3
ILAR	Eielson Array	152.60 308	PKPbc	PKPbc	18 57 57.0 0.0
ILAR	Eielson Array	152.60 308	PKPbc	PKPbc	18 57 57.8 +0.8
ILAR	Eielson Array	152.60 308	PKIKP	PKIKP	18 57 57.0 0.0
PMR	Palmer	152.68 301	P	PKIKP	18 57 58.4 +1.2
F25K	Christian Rive	152.68 314	P	PKIKP	18 57 58.4 +1.2
G25K	Bearman Lake	152.71 312	P	PKIKP	18 57 58.7 +1.5
C26K	Camden Bay	152.73 319	P	PKIKP	18 57 59.1 +2.0
RC01	Rabbit Creek A	152.79 299	P	PKIKP	18 57 58.7 +1.2
KDAK	Kodiak Island	152.94 291	P	PKIKP	18 57 58.8 +1.0
CCB	Clear Creek Bu	152.95 307	P	PKIKP	18 57 57.1 -0.5
OHAK	Old Harbor	153.06 290	P	PKIKP	18 57 59.4 +1.3
Q20K	Shuyak Island	153.17 293	P	PKIKP	18 57 59.6 +1.3
D25K	Kavik River	153.18 318	P	PKPbc	18 57 56.5 -1.5
D25K	Kavik River	153.18 318	P	PKIKP	18 57 59.7 +1.5
MCK	McKinley	153.21 305	P	PKIKP	18 57 59.6 +1.3
SII	Sitkinak Islan	153.22 288	P	PKIKP	18 58 00.1 +1.5
G24K	Hadweenzic River	153.24 312	P	PKIKP	18 57 59.7 +1.4
H24K	Noodor Dome	153.24 310	P	PKPbc	18 57 57.4 -0.8
H24K	Noodor Dome	153.24 310	P	PKIKP	18 57 59.8 +1.4
CAPN	Captain Cook N	153.34 298	P	PKIKP	18 57 60.0 +1.4
SUA	Susitna One	153.38 300	P	PKIKP	18 57 60.0 +1.1
CUT	Chulitna	153.44 302	P	PKIKP	18 57 60.0 +1.2
NEA2	Nenana	153.47 307	P	PKIKP	18 58 00.5 +1.7
F24K	Squaw Lake	153.52 314	P	PKIKP	18 58 00.6 +1.7
CHIR	Chirikof Islan	153.63 286	P	PKIKP	18 58 00.8 +1.5
I23K	Minto, Yukon-K	153.71 308	P	PKIKP	18 58 01.1 +1.9
O20K	Slope Mountain	153.81 296	P	PKIKP	18 58 01.5 +1.8
E24K	Your Creek	153.82 315	P	PKIKP	18 57 59.0 -0.5
E24K	Your Creek	153.82 315	P	PKIKP	18 58 00.9 +1.4
SKT	Skwentna	153.88 301	P	PKIKP	18 58 01.1 +1.3
H29K	Cape Douglas,	153.90 293	P	PKIKP	18 58 01.1 +1.3
Q13K	Yukon River	153.91 310	P	PKIKP	18 58 00.9 +1.2
P19K	Oil Pt	153.95 295	P	PKIKP	18 58 01.3 +1.3
C24K	Franklin Bluff	154.03 319	P	PKIKP	18 58 01.0 +1.3
D24K	Happy Valley	154.04 317	P	PKIKP	18 58 01.4 +1.5
BPAW	Bear Paw Mtn.	154.17 306	P	PKIKP	18 58 01.2 +0.9
E23K	Chandalar	154.24 315	P	PKIKP	18 58 01.9 +1.5
G23K	Bananza Creek	154.24 312	P	PKIKP	18 58 00.1 -0.3
G23K	Bananza Creek	154.24 312	P	PKIKP	18 58 01.9 +1.5
MLY	Manley	154.26 308	P	PKIKP	18 58 01.9 +1.4
TOLK	Toolik Lake Re	154.27 316	P	PKIKP	18 58 01.7 +1.3
COLD	Coldfoot	154.37 313	P	PKIKP	18 58 02.2 +1.7
Q18K	Katmai Hardscr	154.46 292	P	PKPab	18 58 16.7 +0.9
M20K	Styx River	154.59 300	P	PKPab	18 58 16.8 +0.6
H22K	Ishlaltina Cre	154.66 310	P	PKPab	18 58 17.1 +0.8
D23K	Nanushuk River	154.69 317	P	PKPab	18 58 17.9 +1.6
C23K	Ikliulik River	154.69 319	P	PKPab	18 58 18.6 +2.3
R17L	Mt. Peulik Vol	154.75 289	P	PKPab	18 58 18.5 +1.6
Q17K	Contact Creek	154.75 291	P	PKPab	18 58 18.7 +1.7
N19K	Bonanza Creek	154.91 297	P	PKPab	18 58 18.9 +1.3
O18K	Koktuh Hills	154.96 295	P	PKPab	18 58 18.9 +1.1
E22K	Anaktuvuk Pass	155.07 315	P	PKPab	18 58 18.9 +0.9
L20K	Farewell, Al	155.08 301	P	PKPab	18 58 19.0 +0.8
F22K	John River	155.16 313	P	PKPab	18 58 19.2 +0.8
M19K	Big River Lodg	155.17 300	P	PKPab	18 58 19.0 +0.5
H21K	Melozitna Rive	155.21 309	PKPdf	PKPdf	18 57 53.3 -0.1
H21K	Melozitna Rive	155.21 309	PKPdf	PKPdf	18 58 01.7 -0.3
CHNA	Chernabura Isl	155.22 281	P	PKPab	18 58 19.3 +0.6
P17K	Kvichak River	155.34 293	P	PKPab	18 58 20.1 +0.8

K20K	Telida	155.36 303	P	PKPab	18 58 19.7 +0.3
D22K	Aiyikav River	155.41 317	P	PKPab	18 58 20.3 +0.8
L19K	White Mountain	155.45 300	P	PKPab	18 58 20.0 +0.2
N18K	Kilae Creek	155.53 296	P	PKPab	18 58 20.4 +0.2
G21K	Allakaket	155.60 311	P	PKPab	18 58 21.3 +1.1
F21K	Alatna River	155.65 312	P	PKPab	18 58 21.8 +1.3
M18K	Stony River	155.72 298	P	PKPab	18 58 22.4 +1.5
I20K	Naaghedeneel	155.79 306	P	PKPab	18 58 21.8 +0.7
O17K	Koliganek Bris	155.84 294	P	PKPab	18 58 22.0 +0.5
H20K	Anotleneega Mo	156.05 308	P	PKPab	18 58 22.8 +0.6
B21K	Ikpikpak River	156.09 318	P	PKPab	18 58 23.4 +1.1
N17K	Nushagak Hills	156.11 296	P	PKPab	18 58 23.2 +0.5
A22K	Sinclair Lake	156.11 322	P	PKPab	18 58 22.7 +0.4
O16K	Kokwok River B	156.27 293	P	PKPab	18 58 23.4 +0.1
L18K	Granite Mounta	156.29 300	P	PKPab	18 58 24.0 +0.6
M17K	Hollita River	156.45 298	P	PKPab	18 58 24.6 +0.5
F20K	Avarakt Lake	156.51 312	P	PKPab	18 58 24.8 +0.7
J18K	Innokko River	156.55 303	P	PKPab	18 58 25.1 +0.6
E20K	Nigu River	156.70 315	P	PKPab	18 58 25.6 +0.5
H19K	Roundabout Mou	156.70 308	P	PKPab	18 58 26.2 +1.2
D20K	Chuk River	156.85 316	P	PKPab	18 58 26.9 +1.3
O15K	Ungalikthiuk R	156.99 291	P	PKPab	18 58 26.8 +0.3
G19K	Purcell Mounta	157.01 310	P	PKPab	18 58 27.3 +0.9
L17K	Donlin	157.01 299	P	PKPab	18 58 27.8 +1.3
M16K	Timber Creek	157.07 296	P	PKPab	18 58 28.2 +1.5
E19K	Redstone River	157.10 313	P	PKPab	18 58 27.7 +0.9
K17K	Iditarod	157.13 301	P	PKPab	18 58 28.2 +1.2
F19K	Shalercuk Mo	157.31 311	P	PKPab	18 58 28.6 +1.0
L16K	Owhat River	157.47 298	P	PKPab	18 58 29.7 +1.3
H18K	Hothosa River	157.47 307	P	PKPab	18 58 29.3 +0.9
G18K	Tagagawik	157.64 309	P	PKPab	18 58 30.2 +1.1
M15K	Kasigluk River	157.82 295	P	PKPab	18 58 31.3 +1.3
F18K	Selawik	158.06 311	P	PKPab	18 58 31.8 +1.0
N14K	Kuskokwak Cree	158.11 293	P	PKPab	18 58 32.5 +1.3
H17K	Granite Mounta	158.11 306	P	PKPab	18 58 32.0 +0.8
A19K	Wainwright	158.24 321	P	PKPab	18 58 33.2 +1.6
J16K	Anvik River	158.25 302	P	PKPab	18 58 33.2 +1.4
UNV	Unalaska Valle	158.37 275	P	PKPab	18 58 33.9 +1.4
L15K	Unalak Mounta	158.41 297	P	PKPab	18 58 33.9 +1.4
E18K	Tukpalearik C	158.41 313	P	PKPab	18 58 33.6 +1.2
M14K	Bethel	158.44 295	PKPdf	PKPdf	18 57 57.5 -0.2
M14K	Bethel	158.44 295	PKPab	PKPab	18 58 33.8 +1.2
M14K	Bethel	158.44 295	PKPab	PKPab	18 58 34.4 +1.8
G17K	Kiwajik Mounta	158.45 308	P	PKPab	18 58 34.2 +1.6
B18K	Kokolik River	158.64 318	P	PKPab	18 58 34.9 +1.6
E17K	Hotham Inlet	158.90 312	P	PKPab	18 58 35.4 +0.9
M13K	Dall Lake	159.03 293	P	PKPab	18 58 36.3 +1.0
C16K	Lisburne Hills	159.09 316	P	PKPab	18 58 40.4 +0.8

IDC 04 18:44:04.2,3,4,39;22N:76.79E, h0km, mb3, 1/1,
 mbmp3,3/6,ML2,6/5,MS3,0/7,Error ellipse: s-maj=34.6km
 s-min=26.4km az=22.0
 SOME 04 18:44:05.7,39;53N:76.88E, h5km
 KRNET 04 18:44:09.0,1,39;63N:76.63E, mb3,9
 NINC 04 18:44:12.9,2,0,1,39;78N:76.96E, h0km, mb4,3,mpv4,0,
 Error ellipse: s-maj=15.1km s-min=12.0km az=149.0
 ISC 04 18:44:09.0,1,0,39;59N:0.005;76.84E,0.03,h10km,n94,
 c210/135,MS3,4,2ZC-26D, Southern Xinjiang

Code	Station Name	Δ°	AZC	Phase ID	Time	Res
		°	°		h m s	ISC
NRN	Naryn	1.95	341	U/P	18 44 44.6	-0.2
NRN	Naryn			U/S	18 45 10.1	+0.8
KDJ	Kajisay	2.55	6	U/P	18 44 54.4	-0.6
KDJ	Kajisay			U/S	18 45 27.0	+0.6
SFK	Suf-Kurgan	2.61	280	eP	18 44 53.3	+1.8
SFK	Suf-Kurgan			U/S	18 45 25.1	+1.8
ULHL	Ulhalo	2.69	350	P	18 44 57.1	-0.3
ULHL	Ulhalo	2.69	350	U/P	18 44 56.0	-1.4
ULHL	Ulhalo			U/S	18 45 29.3	-1.2
ARLS	Aral	2.97	321	U/P	18 44 58.5	+2.2
ARLS	Aral			U/S	18 45 34.3	+2.2
BOOM	Booms koye usch	2.97	347	U/P	18 44 59.9	-2.3
BOOM	Booms koye usch			U/S	18 45 36.1	-2.6
PRZ	Przheval'sk	3.12	22	eP	18 45 03.3	-1.4
PRZ	Przheval'sk			U/S	18 45 42.2	-0.7
UCH	Uchit	3.17	327	P	18 45 08.3	-1.5
OHH	Osh	3.25	288	U/P	18 45 01.9	+1.7
OHH	Osh			U/S	18 45 40.2	+1.3
KBK	Karagaybulak	3.38	336	P	18 45 11.3	-2.4
KBK	Karagaybulak			U/S	18 45 04.8	+2.8
KBK	Karagaybulak			U/S	18 45 45.1	+2.8
TNSS	Tian-Shan	3.44	1	eP	18 45 11.4	+1.1
TNSS	Tian-Shan			eS	18 45 59.2	-0.4
TNSS	Tian-Shan	3.44	1	Pg	18 45 11.4	+1.1
TNSS	Tian-Shan			Lg	18 45 59.2	
IZV	Izvestkoviy	3.44	357	eP	18 45 11.9	+1.6
IZV	Izvestkoviy			eS	18 45 00.1	+0.5
IZV	Izvestkoviy	3.44	357	Pg	18 45 11.9	+1.6
IZV	Izvestkoviy			Lg	18 45 59.1	
TKM2	Tokmak 2	3.46	345	P	18 45 08.0	-2.4
TKM2	Tokmak 2			U/P	18 45 06.7	-3.8

TKM2	66nm,0.6s		U/Lg	Lg	18 45 59.4
TKM2	Tokmak 2	3.46 345	U/P	Pn	18 45 06.2 +3.1
TKM2	Tokmak 2		U/S	Sn	18 45 47.4 +3.2
AML	Almayashu	3			

4d 19h

Table with columns: PDGK, Podgomoye, Azimuth, Elevation, Frequency, Polarization, Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Time, Res, Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Time, Res. Includes stations like Komgamon, Stavd-Durt, Vedeno, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Time, Res. Includes stations like Komgamon, Stavd-Durt, Vedeno, and others.

2018 SEP

Main table with columns: IDBR, Azimuth, Elevation, Frequency, Polarization, Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Time, Res, Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Time, Res. Includes stations like Komgamon, Stavd-Durt, Vedeno, and others.

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Table with columns: SHA1, Azimuth, Elevation, Frequency, Polarization, Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Time, Res, Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Time, Res. Includes stations like Shidzhatmaz, Kiskulovsk, and others.

comp=Z,0.5nm,0.4s,baz=60,slow=5.1,SNR=5.8
PLCA Paso Flores 145.60 131 PKPbc PKPdf 20 12 10.2 +0.9

IDC 04 20:09:00.9-1.2, 44.78N-106.53W, h0km, mbtmp3.4/2,
ML3.2/2, Error ellipse: s-maj=59.2km s-min=9.0km
az=139.0, Wyoming
Code Station Name Az AZZ Phase ID Time Res

NEIC 04 20:10:28.9-2.3, 19.39S:0.04:69.23W:0.09, h123km, 4km,
mb4.3/14, ML4.0(GUC), Error ellipse: s-maj=11.9km
s-min=6.0km az=102.0,
SJA 04 20:10:29.0-0.6, 19.40S:69.26W, h114km, 4km, ML3.9,
MW3.9

GUC 04 20:10:30.6-0.7, 19.41S:69.27W, h109km, 5km, ML4.0
IDC 04 20:10:31.9-1.4, 19.35S:68.84W, h126km, 3km, mb3.8/6,
mbtmp4.2/10, MS3.4/1, Error ellipse: s-maj=26.5km
s-min=12.4km az=101.0,
VAO 04 20:10:32.2-0.6, 19.35S:68.78W, h120km, 6km, mb4.4
ISC 04 20:10:28.6-0.6, 19.39S:0.03:69.19W:0.06, h113km, 6km,
n98, r164/116, mb4.0, 6S, Northern Chile

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include G001 Chuzmiza, PX02 IPOC Station P, HMBC Humberstone, etc.

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include TA01 Diego Arcena, PB01 IPOC Station P, PATCX Punta Patache, etc.

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include LVC Limon Verde, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include MT02 Curacav, MT08 Bocatomia Ro, etc.

2018 SEP

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include G005 Huala, VA04 Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include PLCA Paso Flores, PLCA San Ignacio de, etc.

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include H1S2 WAKE ISLAND Hy27.33 279, H1S1 WAKE ISLAND Hy27.33 279, etc.

BJI 04 20:11:16.7-0.0, 36.60N:141.46E, h47km, mb5.2/88,
MOS 04 20:11:18.3-0.9, 36.56N:141.36E, h42km, mb6.0/63, Error
ellipse: s-maj=6.1km s-min=3.5km az=113.1,
NEIC 04 20:11:19.2, 36.49N:141.46E, h40km
NIED 04 20:11:20.0, 36.48N:141.34E, h60km, MW5.4, Moment
Tensor Solution. s3 Moment tensor. Scale 1071Nm;
Mr:1.29; M0:0.17; M0:0.146; M0:0.36; M0:0.12; M0:0.72;
Fault plane solution: Mo:1.60000x10^17 NP1:0.11.00000;
s60.00000; .107.00000. NP2:0.160.00000; s34.00000;
.763.00000.

JMA 04 20:11:20.0-0.1, 36.5N:0.3:141.3E:0.9, h60km, 1km,
MD5:5/40, MW5.4/42, CF:BARAKI PREF
JMA Feiliv JI at E OF BARAKI PREF
NEIC 04 20:11:19.6:1.8, 36.48N:0.04:141.39E:0.07, h40km, 4km,
mb5.6/73, MW5.4/22, Error ellipse: s-maj=8.8km
s-min=6.2km az=90.0,
NEIC 04 20:11:19.2, 36.29N:141.21E, h40km, Moment Tensor
Solution. Duration: 2s4 Moment tensor. Scale 1071Nm;
Mr:1.56; M0:0.48; M0:1.08; M0:0.30; M0:0.05; M0:0.64;
Fault plane solution: Mo:1.49000x10^17 NP1:0.7470000;
s58.48000; .98.42000. NP2:0.171.66000; s32.52000;
.76.57000. Principal axes: T: 1.7513, P: 175.00000;
Az:301.00000; N: -0.5206, P: 167.00000; Az:183.00000;
P: 23.07, P: 13.00000, Az:11.00000, Az:330.00000.

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include G005 Huala, VA04 Juan Fernandez, etc.

4d 20h

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include JMM Marumori, JMM Nagara, etc.

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include BSO3 Boso 3, BSO1 Boso 1, etc.

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include J0F0 Osakifurukawo, J0G2 Odawara 2, etc.

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include JAW Awa shima, OFJU Ofunato, etc.

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include JSTJ Tlatety, JJKS Kagegawashinom, etc.

4d 20h

Table with columns for flight codes (e.g., JYTA, JICN, JANG), destinations (e.g., Yamagatanai, Ichinomiya, Nango), times, and status indicators (A, P, Pn, etc.).

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Table with columns for flight codes (e.g., INCN, INDCJ, INDJ), destinations (e.g., Incheon, Mudanjiang, Uglejorsk), times, and status indicators (S, P, Pn, etc.).

Table with columns for flight codes (e.g., ZEA, ZEA, ZEA), destinations (e.g., Z300nm, Z130nm), times, and status indicators (Pmax, P, Pn, etc.).

4d 20h

MAK2	Makanchi	44.58	303	P	P	20 19 27.4	+0.3
MAKZ				pP	pP	20 19 41.1	+0.6
O16K	Kokwok River B	44.64	39	P	P	20 19 29.2	+1.8
P16K	Nushagak River	44.66	40	P	P	20 19 29.8	+2.3
E18K	Tukpahleark C	44.68	28	P	P	20 19 29.8	+2.3
L17K	Donlin	44.75	35	P	P	20 19 30.7	+2.5
B18K	Kokolik River	44.76	25	P	P	20 19 30.9	+2.7
C18K	Utukok River	44.77	26	I	Amb	20 19 31.6	
C18K	Utukok River	44.77	26	P	P	20 19 30.3	+1.9
K17K	Iditarod	44.81	35	P	P	20 19 30.4	+1.7
K17K	Iditarod	44.81	35	P	P	20 19 32.6	
K17K	Iditarod	44.81	35	P	P	20 19 31.1	+2.4
F18K	Selawik	44.86	29	P	P	20 19 31.0	+2.1
M17K	Holitsna River	45.09	37	I	Amb	20 19 34.9	
M17K	Holitsna River	45.09	37	P	P	20 19 33.6	+2.7
H18K	Honhosa River	45.12	31	I	Amb	20 19 34.4	
H18K	Honhosa River	45.12	31	P	P	20 19 32.9	+1.8
G18K	Tagagawik	45.12	30	P	P	20 19 32.0	+0.9
G18K	Tagagawik	45.12	30	I	Amb	20 19 34.0	
G18K	Tagagawik	45.12	30	P	P	20 19 33.0	+1.9
N17K	Nushagak Hills	45.15	38	I	Amb	20 19 35.4	
N17K	Nushagak Hills	45.15	38	P	P	20 19 33.4	+2.0
O17K	Koliganek Bris	45.16	39	P	P	20 19 33.6	+2.2
KSM	Kuching	45.16	227	P	P	20 19 32.3	+0.3
KSM	Kuching	45.16	227	I	Amb	20 19 34.2	
KSM	Kuching	45.16	227	P	P	20 19 33.2	+1.2
A19K	Wainwright	45.24	24	P	P	20 19 34.5	+2.5
Q16K	King Salmon	45.35	40	P	P	20 19 35.2	+2.3
C19K	Lookout Ridge	45.45	26	P	P	20 19 36.1	+2.4
P17K	Kvichak River	45.47	40	P	P	20 19 36.2	+2.3
R17K	Mt. Peulik Vol	45.50	42	P	P	20 19 36.8	+2.6
L18K	Granite Mounta	45.51	35	I	Amb	20 19 38.2	
L18K	Granite Mounta	45.51	35	P	P	20 19 36.6	+2.4
J18K	Innoko River	45.61	34	I	Amb	20 19 38.3	
J18K	Innoko River	45.61	34	P	P	20 19 36.7	+1.7
F19K	Shaluerucki Mo	45.64	29	P	P	20 19 35.9	+0.7
F19K	Shaluerucki Mo	45.64	29	P	P	20 19 36.4	+1.2
GCSA	Galena City Sc	45.68	32	P	P	20 19 36.9	+1.4
Q17K	Contact Creek	45.75	41	P	P	20 19 36.8	+0.5
G19K	Purcell Mounta	45.79	30	P	P	20 19 37.7	+1.3
G19K	Purcell Mounta	45.79	30	I	Amb	20 19 39.3	
G19K	Purcell Mounta	45.79	30	PcP	PcP	20 21 14.6	+1.5
G19K	Purcell Mounta	45.79	30	P	P	20 19 37.7	+1.3
N18K	Kilae Creek	45.80	38	P	P	20 19 37.9	+1.4
N18K	Kilae Creek	45.80	38	I	Amb	20 19 40.5	
N18K	Kilae Creek	45.80	38	PcP	PcP	20 21 14.1	+0.9
N18K	Kilae Creek	45.80	38	P	P	20 19 39.1	+2.5
D19K	Kuna River	45.83	27	I	Amb	20 19 40.1	
D19K	Kuna River	45.83	27	P	P	20 19 38.5	+1.8
M18K	Stony River	45.87	36	P	P	20 19 39.5	+2.4
M18K	Stony River	45.87	36	I	Amb	20 19 40.5	
CHIR	Chirikof Islan	45.95	44	P	P	20 19 39.1	+1.3
E19K	Redstone River	45.96	28	I	Amb	20 19 41.1	
E19K	Redstone River	45.96	28	P	P	20 19 39.8	+2.1
SVW2	Sparrevohn	45.97	37	P	P	20 19 38.8	+2.1
SVW2	Sparrevohn	45.97	37	I	Amb	20 19 41.8	
SVW2	Sparrevohn	45.97	37	P	P	20 19 40.8	+2.9
H19K	Roundout Mou	45.97	31	P	P	20 19 39.9	+2.1
PMG	Port Moresby	45.99	172	P	P	20 19 37.4	-1.1
PMG	Port Moresby	45.99	172	P	P	20 19 39.5	+1.1
PMG	Port Moresby	45.99	172	LR	LR	20 19 37.3	
PMG	Port Moresby	45.99	172	P	P	20 19 39.9	+1.5
PMG	Port Moresby	45.99	172	P	P	20 19 39.9	+1.5
PMG	Port Moresby	45.99	172	P	P	20 19 39.1	+0.7
KAPI	Kappang	45.99	211	P	P	20 19 38.5	0.0
KAPI	Kappang	45.99	211	P	P	20 19 39.5	+1.1
KAPI	Kappang	45.99	211	LR	LR	20 39 07.1	
KAPI	Kappang	45.99	211	P	P	20 19 39.0	+0.5
KAPI	Kappang	45.99	211	S	S	20 26 19.3	-0.6
KAPI	Kappang	45.99	211	P	P	20 19 39.6	+1.1
KAPI	Kappang	45.99	211	P	P	20 19 39.1	+0.5
ACHA	Angle Creek He	46.04	41	P	P	20 21 13.9	-0.4
ACHA	Angle Creek He	46.04	41	PcP	PcP	20 19 42.3	
P18K	Big Mountain,	46.09	39	P	P	20 19 40.7	+1.7
P18K	Big Mountain,	46.09	39	I	Amb	20 19 42.8	
O18K	Koktuh Hills	46.11	39	I	Amb	20 19 41.3	+2.2
O18K	Koktuh Hills	46.11	39	P	P	20 19 41.3	+2.2
J19K	Poorman	46.15	33	I	Amb	20 19 42.4	
J19K	Poorman	46.15	33	P	P	20 19 40.8	+1.6
Q18K	Katmai Hardscr	46.21	40	P	P	20 19 40.7	+0.8
KURK	Kurchatov	46.23	308	P	P	20 19 39.6	-0.4
KURK	Kurchatov	46.23	308	P	P	20 19 39.7	-0.4
KURK	Kurchatov	46.23	308	S	S	20 26 22.5	-0.3
KURK	Kurchatov	46.23	308	P	P	20 19 40.5	+0.4
KURK	Kurchatov	46.23	308	S	S	20 21 15.1	
KURK	Kurchatov	46.23	308	P	P	20 26 23.1	+0.3
KURK	Kurchatov	46.23	308	P	P	20 19 40.0	0.0
KURK	Kurchatov	46.23	308	pP	pP	20 19 54.6	+1.1
KURK	Kurchatov	46.23	308	pP	pP	20 20 00.2	+0.8
KURK	Kurchatov	46.23	308	pP	pP	20 19 40.5	-0.2
KURBB	Kurchatov Arra	46.30	308	P	P	20 21 15.1	-0.1
KURBB	Kurchatov Arra	46.30	308	PcP	PcP	20 21 15.1	-0.1
KURBB	Kurchatov Arra	46.30	308	S	S	20 26 23.1	-0.8
KURBB	Kurchatov Arra	46.30	308	LR	LR	20 39 51.9	
L19K	White Mountain	46.36	36	I	Amb	20 19 44.6	
L19K	White Mountain	46.36	36	P	P	20 19 43.1	+2.1
D20K	Etiyuk River	46.41	26	P	P	20 19 43.1	+1.8
F20K	Avaraart Lake	46.47	29	P	P	20 19 43.6	+1.9
E20K	Nigu River	46.49	27	P	P	20 19 43.0	+1.0
B20K	Meade River	46.49	25	P	P	20 19 43.5	+1.7
N19K	Bonanza Creek	46.49	37	P	P	20 19 44.5	+2.4

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R18K	Karluk	46.52	42	P	P	20 19 42.3	0.0
O19K	Port Alsworth	46.56	38	I	Amb	20 19 46.7	
O19K	Port Alsworth	46.56	38	P	P	20 19 44.6	+2.1
M19K	Big River Lodg	46.57	36	P	P	20 19 44.9	+2.3
SURA	Surathani	46.58	245	P	P	20 19 44.3	+1.1
H20K	Anotlenga Mo	46.61	31	P	P	20 19 44.8	+1.9
I20K	Naaghedeneel	46.71	32	P	P	20 19 45.9	+2.3
SII	Sitkinak Islan	46.71	43	P	P	20 19 44.9	+1.1
K20K	Telida	46.79	34	P	P	20 19 45.6	+1.3
K20K	Telida	46.79	34	I	Amb	20 19 48.0	
K20K	Telida	46.79	34	PcP	PcP	20 21 17.1	+0.4
K20K	Telida	46.79	34	P	P	20 19 46.5	+2.2
J20K	Nowinta River	46.81	33	I	Amb	20 19 48.0	
J20K	Nowinta River	46.81	33	P	P	20 19 46.5	+2.2
L20K	Farewell, AK	46.83	35	P	P	20 19 46.9	+2.2
Q19K	Cape Douglas,	46.91	40	I	Amb	20 19 47.2	
Q19K	Cape Douglas,	46.91	40	P	P	20 19 45.9	+0.6
A21K	Barrow	46.96	23	P	P	20 19 47.0	+1.5
SRIT	Nakonsritamara	46.98	244	P	P	20 19 46.9	+0.5
SRIT	Nakonsritamara	46.98	244	P	P	20 19 47.3	+1.0
SHLS	Shalkode	47.05	298	I	P	20 19 44.6	-2.2
SHLS	Shalkode	47.05	298	eS	S	20 26 31.3	-3.9
SHLS	Shalkode	47.05	298	eS	S	20 19 44.6	-2.2
SHLS	Shalkode	47.05	298	iP	P	20 26 31.2	-3.9
P19K	Oil Pt	47.11	39	I	Amb	20 19 50.0	
P19K	Oil Pt	47.11	39	P	P	20 19 48.5	+1.6
IMAR	Indian Mounta	47.12	30	P	P	20 19 48.0	+1.1
C21K	Knifblade Rid	47.14	26	P	P	20 19 49.6	+2.6
M20K	Styx River	47.16	36	P	P	20 19 49.4	+2.1
OHAK	Old Harbor	47.17	42	P	P	20 19 47.6	+0.3
OHAK	Old Harbor	47.17	42	P	P	20 19 48.6	+1.3
OHAK	Old Harbor	47.17	42	P	P	20 19 48.2	+0.9
G21K	Allakaket	47.28	30	I	Amb	20 19 51.4	
G21K	Allakaket	47.28	30	P	P	20 19 49.8	+1.8
B21K	Kilipuk River	47.28	25	P	P	20 19 49.9	+1.9
E21K	Killik River	47.37	27	I	Amb	20 19 51.5	
E21K	Killik River	47.37	27	P	P	20 19 50.0	+1.5
RSO	Redoubt South	47.34	38	P	P	20 19 49.3	+0.4
F21K	Alatna River	47.36	29	P	P	20 19 50.2	+1.5
UZB	Uzynbulak	47.37	298	I	P	20 19 49.3	0.0
UZB	Uzynbulak	47.37	298	iP	P	20 19 49.3	0.0
TDK	Taldyqorgha	47.37	301	I	P	20 19 49.6	+0.5
TDK	Taldyqorgha	47.37	301	LR	LR	20 40 02.4	
TDK	Taldyqorgha	47.37	301	iP	P	20 19 49.6	+0.5
TDK	Taldyqorgha	47.37	301	P	P	20 19 49.6	+0.5
TDK	Taldyqorgha	47.37	301	MLR	MLR	20 20 02.7	+0.5
O20K	Slope Mountain	47.41	38	P	P	20 19 50.4	+1.1
A22K	Sinclair Lake	47.41	23	P	P	20 19 50.9	+1.9
H21K	Melozitna River	47.48	31	I	Amb	20 19 53.1	
H21K	Melozitna River	47.48	31	P	P	20 19 51.8	+2.1
KDAK	Kodiak Islan	47.52	42	I	Amb	20 19 50.6	+0.6
KDAK	Kodiak Islan	47.52	42	I	Amb	20 19 52.2	
KDAK	Kodiak Islan	47.52	42	LR	LR	20 39 24.0	
KDAK	Kodiak Islan	47.52	42	P	P	20 19 50.8	+0.8
KDAK	Kodiak Islan	47.52	42	iP	P	20 19 51.5	+1.5
KDAK	Kodiak Islan	47.52	42	P	P	20 19 51.5	+1.5
KDAK	Kodiak Islan	47.52	42	P	P	20 19 51.5	+1.5
KDAK	Kodiak Islan	47.52	42	PcP	PcP	20 21 20.8	+1.4
KPKS	Kokpek	47.53	299	I	P	20 19 50.9	+0.4
KPKS	Kokpek	47.53	299	eS	S	20 26 42.7	+0.9
KPKS	Kokpek	47.53	299	eS	S	20 19 50.8	+0.4
KPKS	Kokpek	47.53	299	S	S	20 26 42.7	+0.9
Q20K	Shuyak Island	47.58	40	P	P	20 19 51.4	+1.0
SYI	Shuyak Island	47.58	40	I	Amb	20 19 52.5	
CHUM	Lake Minchumia	47.59	33	P	P	20 19 52.9	+2.4
SPCR	Spurr Chukchi	47.60	37	P	P	20 19 52.7	+2.0
N20K	Mount Spurr	47.60	37	P	P	20 19 52.7	+2.0
PPLA	Purkyllie	47.62	35	P	P	20 19 53.5	+2.5
ZHN	Zhinishke	47.78	298	eP	P	20 19 52.6	+0.2
ZHN	Zhinishke	47.78	298	eP	P	20 19 52.6	+0.2
B22K	Teshchuk Lake	47.80	25	P	P	20 19 53.9	+1.9
SATY	Saty	47.83	298	eP	P	20 19 53.2	+

ILAR	Eielson Array	49.96	32	P	P	20 20 09.3	+0.7
ILAR	Eielson Array	49.96	32	P	P	20 20 10.0	+1.3
ILAR	comp-Z, 283nm, 20.5s, baz=253, slow=38				LR	20 43 00.2	
ILAR	Eielson Array	49.96	32	P	P	20 20 10.0	+1.3
NRN	Naryn	49.99	297	I	I	20 20 11.8	
MTN	Manton Dam	50.02	193	P	P	20 20 09.1	-0.5
MTN	Manton Dam	50.02	193	P	P	20 20 09.0	-0.5
MTN	Manton Dam	50.02	193	P	P	20 20 09.6	0.0
PL2K	Montague Island	50.03	38	P	P	20 20 10.7	+1.4
G2K	Glacier Island	50.10	37	I	I	20 20 12.3	
GLI	Glacier Island	50.10	37	P	P	20 20 10.9	+1.1
D25K	Kavik River	50.14	26	I	I	20 20 13.3	
D25K	Kavik River	50.14	26	P	P	20 20 12.0	+1.9
PBA	Port Blair	50.16	253	P	P	20 20 11.3	+0.5
COEN	Coen	50.22	178	I	I	20 20 13.1	
COEN	Coen	50.22	178	P	P	20 20 10.8	-0.3
COEN	Coen	50.22	178	P	P	20 20 12.2	+1.1
G25K	Bearman Lake	50.23	29	P	P	20 20 13.3	+2.6
H25K	Birch Creek	50.36	30	P	P	20 20 14.3	+2.7
KBK	Karagaybulak	50.38	299	P	P	20 20 13.4	+0.9
SGD5	Sogindy	50.38	300	eP	P	20 20 12.7	+0.3
SGD5	Sogindy	50.38	300	eP	P	20 20 12.6	+0.3
F25K	Christian River	50.40	28	P	P	20 20 14.8	+2.7
FID	Port Fidalgo	50.41	37	I	I	20 20 14.8	
CHMS	Chumysh	50.43	299	P	P	20 20 13.4	+0.9
M24K	Tolsona, Glenn	50.44	36	I	I	20 20 15.9	
M24K	Tolsona, Glenn	50.44	36	P	P	20 20 14.5	+2.1
HIN	Hinchinbrook I	50.44	38	I	I	20 20 15.5	
K24K	Donnelly Dome	50.49	33	P	P	20 20 13.8	+1.0
PRP	Porcupine Dome	50.51	31	I	I	20 20 16.1	
PRP	Porcupine Dome	50.51	31	P	P	20 20 14.8	+1.9
USP	Ospenovka	50.53	300	P	P	20 20 14.2	+0.8
FRU1	Bishkek	50.56	299	I	I	20 20 15.8	
KSH	Kashi	50.59	294	pP	sP	20 20 18.3	+4.3
KSH				S	S	20 20 32.9	-0.6
KSH						20 27 27.3	+2.4
KSH	comp-Z, 55nm, 0.9s				LR		
KSH	comp-Z, 2um, 24.7s				LR		
KSH	comp-Z, 960nm, 17.9s				LR		
KLU	Klutina	50.61	36	P	P	20 20 14.7	+1.0
KLU	Klutina	50.61	36	I	I	20 20 16.8	
KLU	Klutina	50.61	36	P	P	20 20 15.5	+1.8
J25K	Salcha River	50.62	32	P	P	20 20 14.1	+0.4
Q23K	Middleton Isla	50.62	39	P	P	20 20 15.7	+2.0
C26K	Camden Bay	50.66	25	P	P	20 20 16.6	+2.7
PAXK	Paxson	50.69	34	P	P	20 20 15.9	+1.5
AAK	Ala-Archa	50.71	299	P	P	20 20 15.7	+0.9
AAK	Ala-Archa	50.71	299	P	P	20 20 15.2	+0.4
AAK	Ala-Archa	50.71	299	I	P	20 20 15.3	+0.4
AAK	Ala-Archa	50.71	299	LR	LR	20 43 01.2	
AAK	Ala-Archa	50.71	299	P	P	20 20 14.7	-0.2
AAK	Ala-Archa	50.71	299	S	S	20 20 25.9	-0.6
AAK	Ala-Archa	50.71	299	iP	pmax	20 20 15.4	+0.5
AAK	Ala-Archa	50.71	299	P	P	20 20 15.4	+0.5
EYAK	Cordova Ski Ar	50.79	38	P	P	20 20 15.4	+0.5
EYAK	Cordova Ski Ar	50.79	38	P	P	20 20 17.5	+2.5
EYAK	Cordova Ski Ar	50.79	38	P	P	20 20 16.9	+1.9
BMAR	Burnt Mountain	50.81	29	P	P	20 20 17.4	+2.2
HARP	HAARP	50.88	35	P	P	20 20 18.0	+2.3
BVAR	Borovoye Array	50.90	313	P	P	20 20 16.0	0.0
BVAR	comp-Z, 27nm, 0.7s, baz=85, slow=3.9, SNR=5.6				P	20 21 32.0	+0.2
BVAR	comp-Z, 1um, 18.9s, baz=74, slow=37				LR	20 42 52.0	
RIDG	Independent Ri	50.91	33	P	P	20 20 16.8	+0.9
BRVK	Borovoye	50.96	313	P	P	20 20 16.3	-0.1
BRVK	comp-Z, 78nm, 0.9s				P	20 20 18.0	
BRVK	Borovoye	50.96	313	P	P	20 21 32.6	+0.6
BRVK	Borovoye	50.96	313	S	S	20 20 15.2	-1.2
BRVK	Borovoye	50.96	313	iP	pmax	20 20 27.7	-1.7
BRVK	Borovoye	50.96	313	iP	pmax	20 20 16.6	+0.3
BRVK	Borovoye	50.96	313	P	P	20 20 16.7	+0.3
BRVK	Borovoye	50.96	313	sP	sP	20 20 37.1	+1.3
BRVK	Borovoye	50.96	313	P	P	20 21 32.0	0.0
F26K	Sheenjek River	50.97	28	P	P	20 20 19.1	+2.8
C27K	Iago River	51.08	26	P	P	20 20 19.5	+2.4
G26K	Porcupine River	51.14	29	P	P	20 20 20.2	+2.7
EKS2	Erkin-Say	51.21	299	P	P	20 20 19.4	+0.8
N25K	Chitina, Valde	51.23	36	P	P	20 20 20.6	+2.2
SCRK	Sand Creek	51.27	33	I	I	20 20 21.3	
SCRK	Sand Creek	51.27	33	P	P	20 20 20.1	+1.4
BMRM	Bremner River	51.30	37	P	P	20 20 20.8	+1.9
RAGM	Ragged Mountai	51.34	38	I	I	20 20 26.1	
J26L	Joseph Creek	51.41	32	P	P	20 20 20.3	+0.6
AML	Almalyashu	51.43	298	P	P	20 20 21.6	+1.1
PSI	Prapat	51.49	239	P	P	20 20 21.3	+0.3
I26K	Coal Creek Min	51.51	31	P	P	20 20 20.6	+0.3
JAGI	Jajag, Banyuwa	51.53	215	I	I	20 20 39.5	
JAGI	Jajag, Banyuwa	51.53	215	P	P	20 20 20.3	-0.7
KAIM	Kayak Island	51.53	38	P	P	20 20 22.8	+2.3
HMT	Hamilton	51.55	38	I	I	20 20 24.1	
RPSI	Rantau Prapat	51.57	239	I	I	20 20 27.7	
GLB	Glacier Butte	51.62	36	I	I	20 20 24.7	
L26K	Log Cabin Wild	51.65	34	I	I	20 20 25.0	

L26K	Log Cabin Wild	51.65	34	P	P	20 20 23.6	+2.1
VRDI	Verde Repeater	51.82	37	I	I	20 20 26.2	
SUCK	Sucklin Hill	51.83	38	I	I	20 20 26.5	
BKNI	Bangbanang	51.86	235	P	P	20 20 24.4	+0.9
M26K	Nabesna, AK	51.88	35	I	I	20 20 26.9	
M26K	Nabesna, AK	51.88	35	P	P	20 20 25.3	+2.1
E27K	Coleen River	51.91	28	I	I	20 20 27.1	
E27K	Coleen River	51.91	28	P	P	20 20 25.8	+2.6
G27K	Doyon Strip	51.99	29	P	P	20 20 25.1	+1.2
G27K	Doyon Strip	51.99	29	P	P	20 20 26.3	+2.4
MCARA	McCarthy VSAT	52.01	36	I	I	20 20 27.6	
MCARA	McCarthy VSAT	52.01	36	P	P	20 20 26.6	+2.5
CRQE	Cirque	52.06	37	P	P	20 20 26.5	+1.8
BGLC	Bering Glacier	52.07	38	P	P	20 20 27.5	+3.0
D27M	Malcolm River	52.07	26	I	I	20 20 28.2	
D27M	Malcolm River	52.07	26	P	P	20 20 26.8	+2.3
H27K	Steamboat Mount	52.10	30	P	P	20 20 27.5	+2.8
K27K	Chicken	52.10	33	I	I	20 20 28.1	
K27K	Chicken	52.10	33	P	P	20 20 26.9	+2.2
I27K	Karik River	52.12	31	P	P	20 20 29.6	+2.0
SMRI	Samarang	52.14	220	I	I	20 21 05.1	
SMRI	Samarang	52.14	220	P	P	20 20 26.4	+0.8
TGL	Tana Glacier	52.19	37	I	I	20 20 28.8	
WAX	Waxell Ridge	52.23	37	I	I	20 20 29.2	
SNH	Sunshine Point	52.28	38	I	I	20 20 29.9	
L27K	Beaver Creek	52.33	34	I	I	20 20 30.2	
L27K	Beaver Creek	52.33	34	P	P	20 20 28.7	+2.2
BCAR	Beaver Creek A	52.35	34	P	P	20 20 28.4	+1.8
BCAR	Beaver Creek A	52.35	34	P	P	20 21 38.2	+1.1
EGAK	Eagle	52.41	32	I	I	20 20 30.0	
EGAK	Eagle	52.41	32	P	P	20 20 28.3	+1.3
M27K	Edge Creek, AK	52.41	35	I	I	20 20 30.7	
M27K	Edge Creek, AK	52.41	35	P	P	20 20 29.3	+2.1
ISLE	Juniper Island	52.45	37	I	I	20 20 30.5	
F28M	Old Crow	52.61	28	I	I	20 20 32.4	
F28M	Old Crow	52.61	28	P	P	20 20 31.0	+2.5
E28M	Babbage River	52.63	27	I	I	20 20 32.5	
E28M	Babbage River	52.63	27	P	P	20 20 31.1	+2.4
MESA	MESA	52.72	38	I	I	20 20 32.8	
MESA	MESA	52.72	38	P	P	20 20 31.2	+1.6
GRNC	Granite Creek	52.72	37	I	I	20 20 32.6	
UGM	Ugama	52.83	220	P	P	20 20 30.6	-0.1
I28M	Miner Creek	52.84	31	P	P	20 20 32.4	+2.2
D28M	Stokes Point	52.85	26	P	P	20 20 32.4	+2.2
CTG	Chitina Glacier	52.88	37	P	P	20 20 32.6	+1.9
CTGM	Chitina Glacie	52.88	37	I	I	20 20 33.9	
LOGN	Logan Glacier	53.06	37	P	P	20 20 33.2	+1.1
TABL	Table Mountain	53.06	37	I	I	20 20 35.0	
YUK3	Moose Creek	53.16	36	P	P	20 20 34.5	+1.6
KNRA	Kunurra	53.25	195	P	P	20 20 33.5	-0.1
E29M	Blow River	53.27	37	P	P	20 20 35.6	+2.4
DAWY	Dawson	53.27	33	P	P	20 20 34.8	+1.4
KK31	Karatay Array	53.36	300	I	I	20 20 36.1	
KKAR	Karatay Array	53.36	300	P	P	20 20 34.3	-0.1
KKAR	Karatay Array	53.36	300	I	I	20 20 36.1	
KKAR	Karatay Array	53.36	300	P	P	20 20 34.3	-0.1
H29M	Whitstone	53.37	30	I	I	20 20 37.8	
G29M	Pine Creek	53.41	29	P	P	20 20 36.3	+2.3
O28M	Moon Island	53.47	37	P	P	20 20 37.1	+2.8
GSI	Gunungsitoli	53.50	239	P	P	20 20 36.1	+0.4
I29M	Ogilvie Camp	53.52	31	P	P	20 20 37.2	+2.0
YUK8	Steele Glacier	53.57	36	P	P	20 20 37.6	+1.7
J29N							

4d 20h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like AKTO Alkyubinsk, DLBC Dease Lake, WTLY Watson Lake, etc.

2018 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like ARCES ARCESS Array B, KTK1 Kautokino, STKA Stephens Creek, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like MEF Mefshovi, YBHF Yreka Blue Hor, PINE Pine Mountain, etc.

ASUD	AI Ashush, Dub	72.78 288	i P	P	20 22 43.6 +0.2	
ASUD	AI Ashush, Dub	72.78 288	P	P	20 22 43.6 +0.2	
ARPS	Mount Arapiles	72.91 180	P	P	20 22 44.2 +0.5	
MNK	Minsk	72.91 326	i P	P	20 22 44.2 +0.5	
MNK			i P	P	20 22 58.4 +0.4	
MNK			i P	P	20 25 25.3	
MNK			i P	P	20 27 10.6	
MNK			i P	P	20 32 07.7 +1.6	
MNK			i P	P	20 32 31.7 +1.6	
MNK			i P	P	20 36 47.7 +1.5	
MNK	comp=Z,232nm,0.9s			pmx	pmx	
MNK	comp=N,83nm,1.0s			pmx	pmx	
MNK	comp=E,134nm,1.0s			MLR	MLR	
MNK	comp=N,550nm,19.0s			MLR	MLR	
MNK	comp=E,580nm,17.0s			MLR	MLR	
AJN	Ajban	73.07 288	i P	P	20 22 44.9 -0.3	
AJN	Ajban	73.07 288	P	P	20 22 45.3 +0.1	
SOC	Sochi	73.22 312	e P	P	20 22 43.6 -2.2	
SOC			e P	P	20 22 57.7 -2.4	
SOC			e P	P	20 23 03.6 +1.5	
SOC			e P	P	20 25 25.1	
SOC			e P	P	20 27 11.3	
SOC			e P	P	20 32 06.8 -3.3	
SOC			e P	P	20 36 50.7 -0.9	
SOC			e P	P	20 40 11.4	
SOC	comp=Z,81nm,0.9s			pmx	pmx	
SOC	comp=Z,619nm,18.0s			MLR	MLR	
SLIT	Slitere, Latvi	73.22 331	P	P	20 22 44.9 -0.6	
TBLU	Trondheim	73.23 339	P	P	20 22 45.3 -0.2	
BCA	Borcka	73.26 309	i P	P	20 22 46.7 +0.7	
UPP	Uppsala	73.42 334	e P	P	20 22 46.2 -0.4	
MILA	Mila	73.55 174	P	P	20 22 48.9 +1.4	
DOM	DOM	73.61 283	P	P	20 22 48.7 +0.2	
VSDV	Vaisvydziai	73.67 329	e P	P	20 22 48.7 +0.6	
MPK	Martis Peak	73.73 53	i Amb	I Amb	20 23 06.1	
ANN	Anapa	73.87 314	i P	P	20 22 49.0 -0.5	
ANN			i P	P	20 22 59.2 -4.6	
ANN			e S	S	20 25 35.6	
ANN			e S	S	20 32 17.0 -0.3	
ANN	comp=Z,232nm,1.4s			pmx	pmx	
ANN	comp=Z,523nm,19.0s			MLR	MLR	
PABE	Paberze	73.97 328	e P	P	20 22 49.9 0.0	
FFC	Fin Flon	74.17 33	P	I Amb	20 22 51.3 +0.2	
FFC				I Amb	20 22 53.3	
BEL	Fin Flon	74.17 33	P	P	20 22 51.3 +0.2	
FFC				pmx	pmx	
MZWR	Madinat Zayed	74.46 288	P	P	20 22 52.7 0.0	
PBUR	Paburge	74.37 330	e P	P	20 22 52.7 -0.1	
FCC	Fort Churchill	74.49 26	i Amb	I Amb	20 22 54.9	
DOMB	Dombs	74.53 339	e P	P	20 22 54.0 +0.9	
MOL	Molde	74.54 336	e P	P	20 22 54.1 +1.0	
HFS	Hafors	74.56 338	P	P	20 22 53.7 +0.4	
HFS	comp=Z,66nm,0.8s,baz=58,slo=5.6,SNR=116			LR	LR	
HFS				LR	LR	20 58 19.4
BBGB	Big Mountain B	74.59 56	i Amb	I Amb	20 22 57.1	
GURO	Guroymak-BITL	74.63 307	i Amb	I Amb	20 22 56.6	
NB2	NORSAR Subarra	74.66 337	P	P	20 22 54.2 +0.3	
NB2	NORSAR Subarra	74.66 337	P	P	20 22 54.2 +0.3	
NOA	NORSAR Array B	74.66 337	P	P	20 22 54.1 +0.2	
NOA	comp=Z,79nm,0.8s,baz=39,slo=5.8,SNR=465			LR	LR	20 59 04.8
AK03	Malin Array Si	74.68 322	P	P	20 22 54.1 0.0	
EGMT	Eagleton	74.69 41	i Amb	I Amb	20 22 57.0	
AKASG	Malin Array Be	74.69 322	P	P	20 22 53.7 -0.5	
AKASG	Malin Array Be	74.69 322	P	P	20 22 54.0 -0.2	
AKASG	comp=Z,64nm,0.7s,baz=47,slo=5.8,SNR=276			LR	LR	20 58 36.6
AKASG	comp=Z,11m,19.6s,baz=53,slo=38			LR	LR	20 22 54.0 -0.2
AKASG	comp=Z,59nm,0.8s			pmx	pmx	20 22 54.0 -0.1
AK23	Malin Array Si	74.70 322	P	P	20 22 54.2 -0.1	
KIEV	Kiev	74.71 322	P	P	20 22 54.1 -0.1	
KIEV	Kiev	74.71 322	P	P	20 22 54.0 -0.3	
KIEV	Kiev	74.71 322	P	P	20 22 54.2 -0.1	
KIEV	Kiev	74.71 322	P	P	20 22 54.1 -0.1	
ICESG	Greenland Ices	74.72 0	P	I Amb	20 22 58.0	
ICESG				I Amb	I Amb	20 22 58.0
NC602	NORSAR Array S	74.79 337	i Amb	I Amb	20 22 56.6	
NC602	NORSAR Array S	74.79 337	i Amb	I Amb	20 22 54.6 0.0	
NAO01	NORSAR Array S	74.91 337	i Amb	I Amb	20 22 56.9	
PMPB	Monarch Peak	74.95 56	i Amb	I Amb	20 23 21.1	
MZR	Muzera	75.08 288	i P	P	20 22 56.8 -0.1	
MZR	Muzera	75.08 288	P	P	20 22 57.0 +0.1	
M130	M130	75.17 323	P	P	20 22 56.9 -0.1	
M128	M128,Pidlybu	75.31 323	P	P	20 22 57.7 -0.0	
SUW	Suwalki	75.31 327	e P	P	20 22 57.3 -0.4	
SUW	Suwalki	75.31 327	e P	P	20 22 57.8 +0.1	
NVAR	Minna Array Be	75.33 53	P	P	20 23 00.3 +1.8	
NVAR	comp=Z,220nm,0.8s,baz=281,slo=6.2,SNR=82			sP	sP	20 23 16.5 -1.7
NVAR	comp=Z,12nm,0.7s,baz=290,slo=5.0,SNR=9.1			LR	LR	20 49 34.1
NVAR	comp=Z,220nm,21.8s,baz=282,slo=30			LR	LR	20 22 58.6 -0.1
SHMA	AI-Shehemia	75.42 291	P	P	20 22 58.6 -0.1	
M129	M129, Kamanyay	75.55 323	P	P	20 22 59.1 0.0	
OSL	Oslo	75.67 337	e P	P	20 23 00.8 +1.2	
SAKB	Bahrain	75.67 292	P	P	20 23 00.1 -0.1	
SIM	Simferopol'	75.68 316	e P	P	20 23 00.2 +0.2	
SIM				pmx	pmx	20 23 00.2 +0.2
SIM	comp=Z,158nm,0.8s			MLR	MLR	20 23 00.2 +0.2
RAO	Raoul Island	75.77 144	LR	LR	20 50 11.3	
SKAR	Skarslia	75.83 338	e P	P	20 23 02.1 +1.5	
RNP9P	Sopachiv	75.84 324	P	P	20 23 00.9 +0.1	
TRNA	Turayna	75.85 290	P	P	20 23 01.2 -0.1	
RNP8	Varash	75.90 324	P	P	20 23 02.4 +0.5	
LUBAR	Lubar, Ukraine	75.92 322	P	P	20 23 00.9 -0.4	
RNP5	Staryi Chortor	75.96 324	P	P	20 23 01.6 +0.1	
KBD	Kabd	75.99 296	P	P	20 23 02.1 +0.1	
FOO	Floro	76.02 340	e P	P	20 23 02.5 +0.9	
HVA	Hoyanger	76.06 339	e P	P	20 23 02.9 +1.1	
YMR	Madison River	76.06 44	i Amb	I Amb	20 23 05.9	
SMRA	Abu-Samra	76.14 291	P	P	20 23 03.0 +0.1	
DSP	Deep Springs	76.16 54	i Amb	I Amb	20 23 22.6	
SHAO	Shalim	76.17 282	P	P	20 23 02.9 -0.3	
KONO	Kongsberg	76.25 337	P	P	20 23 03.4 +0.5	
KONO				I Amb	I Amb	20 23 04.8
KONO	comp=Z,94nm,1.2s			e P	e P	20 23 03.8 +0.8
KONO	Kongsberg	76.25 337	P	P	20 23 03.7 +0.8	
NE56	Odesa	76.38 318	P	P	20 23 03.1 -0.8	
SFJD	Kangerlussuaq	76.42 5	P	P	20 23 04.7 +0.9	

SFJD	Kangerlussuaq	76.42 5	LR	LR	20 57 00.4	
SFJD	Kangerlussuaq	76.42 5	P	P	20 23 04.7 +0.9	
SFJD	comp=Z,411nm,2.0s			pmx	pmx	20 23 04.2 +0.4
SFJD	Kangerlussuaq	76.42 5	i P	I Amb	I Amb	20 23 05.9
SFJD	comp=Z,27nm,0.8s			I Amb	I Amb	20 23 05.9
SUE	Sulen	76.54 340	e P	P	20 23 05.8 +1.3	
IMW	Indian Meadow	76.57 45	i Amb	I Amb	20 23 09.1	
FLWY	Flagg Ranch	76.59 45	i Amb	I Amb	20 23 09.6	
BCW	Bitter Crk WRG	76.61 56	i Amb	I Amb	20 23 25.3	
RLMT	Red Lodge	76.75 43	i Amb	I Amb	20 23 25.3	
SORM	Soroca	76.78 321	i P	P	20 23 06.4 +0.3	
SORM	Soroca	76.78 321	P	P	20 23 06.5 +0.3	
SORM	Soroca	76.78 321	P	P	20 23 05.9 -0.2	
SORM	comp=Z,197nm,1.1s,comp=Z,21m			P	P	20 23 06.4 +0.3
DMTO	DMTO	76.88 282	P	P	20 23 06.4 -0.8	
ASK	Askoy	76.90 339	e P	P	20 23 08.0 +1.4	
BER	Bergen	76.94 309	e P	P	20 23 08.2 +1.4	
NDNU	Novodnistrovsk	76.98 338	e P	P	20 23 07.2 +1.2	
DOK	Doka	77.01 284	P	P	20 23 07.8 -0.1	
PURM	Purcari	77.02 319	i P	P	20 23 08.0 +0.5	
PURM	Purcari	77.02 319	i P	P	20 23 07.4 -0.1	
DIKM	Dikmen	77.02 312	i P	P	20 23 08.9 +1.2	
DIKM	Dikmen	77.02 312	P	P	20 23 08.7 +1.0	
HORU	Horodok	77.03 322	P	P	20 23 07.8 +0.2	
R11B	Troy Canyon, C	77.12 52	P	P	20 23 09.9 +1.4	
DY2G	Dye2	77.18 3	i P	I Amb	I Amb	20 23 08.6 +0.2
DY2G	comp=Z,32nm,0.6s			I Amb	I Amb	20 23 12.2
DEL	Delary	77.26 333	e P	P	20 23 07.8 -0.9	
DGMT	Dagmar	77.28 38	i Amb	I Amb	20 23 11.3	
MILM	Milestii Mici	77.33 320	i P	P	20 23 09.2 0.0	
MILM	Milestii Mici	77.33 320	P	P	20 23 09.2 0.0	
WLC	Wildcat Mountain	77.37 54	i Amb	I Amb	20 23 28.9	
BL5S	Blasjo	77.40 338	e P	P	20 23 10.8 +1.4	
LAO	LASA Array	77.40 41	i Amb	I Amb	20 23 12.7	
KMPD	K-Podolskiy	77.45 322	P	P	20 23 09.7 -0.2	
TPNV	Topopah Spring	77.52 53	I Amb	I Amb	20 23 29.3	
BZK	Bozkurt	77.57 313	i P	P	20 23 11.8 +1.1	
BZK	Bozkurt	77.58 283	P	P	20 23 10.5 -0.7	
HWUT	Hardware Ranch	77.61 47	i Amb	I Amb	20 23 14.4	
WHFO	Wadi Hawf	77.69 283	P	P	20 23 10.6 -1.2	
HOMB	Homborsud	77.69 337	e P	P	20 23 11.7 +0.7	
GWY	Greenwater Val	77.70 54	i Amb	I Amb	20 23 30.8	
IAS	Iasi	77.80 320	i P	P	20 23 12.6 +0.6	
IAS	Iasi	77.80 320	P	P	20 23 12.5 +0.6	
BELSK	Belisk	77.87 327	e P	P	20 23 13.0 +0.8	
OVD	Ostervraa, Den	77.89 335	i P	I Amb	I Amb	20 23 12.5 +0.3
BSD	Bornholm Skovb	77.89 332	e P	P	20 23 11.3 -0.9	
BSD	Bornholm Skovb	77.89 332	e P	P	20 23 11.3 -0.9	
BSD	comp=Z,68nm,0.8s			I Amb	I Amb	20 23 14.0
KMY	Karmoy	77.93 339	e P	P	20 23 13.9 +1.5	
TCUT	Toone Canyon	78.01 48	i Amb	I Amb	20 23 16.5	
SNART	Snartemo	78.05 337	e P	P	20 23 13.8 +0.7	
PDAR	Pinedale Array	78.06 45	P	P	20 23 14.0 +0.2	
PDAR	Pinedale Array	78.06 45	P	P	20 23 14.9 +1.2	
PDAR	comp=Z,7.6nm,0.7s,baz=305,slo=3.2,SNR=18			sP	sP	20 23 31.8 -1.7
PDAR	comp=Z,6.8nm,0.8s,baz=302,slo=3.5,SNR=5.8			I Amb	I Amb	20 52 22.9
PDAR	comp=Z,150nm,21.9s,baz=304,slo=32			I Amb	I Amb	20 52 22.9
BORG	Borgarnes	78.17 353	P	P	20 23 15.5 +1.9	
BORG	Borgarnes	78.17 353	LR	LR	20 58 42.9	
BORG	comp=Z,201nm,21.1s,baz=9.1,slo=36			P	P	20 23 15.5 +1.9
BORG	Borgarnes	78.17 353	P	P	20 23 15.5 +1.9	
BORG	comp=Z,192nm,1.2s			pmx	pmx	20 23 15.6
ANGG	Ammassalik, Gr	78.21 360	i P	I Amb	I Amb	20 23 13.6 -0.2
CIDE	Kastamonu/Cide	78.24 314	i P	P	20 23 14.9 +0.5	
KSV	Kosov	78.31 322	P	P	20 23 15.0 +0.3	
STNU	Starunia	78.31 323	P	P	20 23 14.7 0.0	
MORS	Morshin	78.32 323	P	P	20 23 15.0 +0.3	
GKP	Gorka Klasztor	78.34 329	e P	P	20 23 15.0 +0.3	
GKP	Gorka Klasztor	78.34 329	e P	P	20 23 14.8 0.0	
PRAR	RASC	78.37 321	e P	P	20 23 15.7 +0.6	
BIR	Birad	78.37 320	P	P	20 23 16.9 +1.1	
BIR	Birad	78.37 320	P	P	20 23 16.2 +1.1	
ABTO	Aybut	78.38 283	P	P	20 23 15.2 +0.3	
COP	Copenhagen	78.38 333	i P	I Amb	I Amb	20 23 17.1
VLCR	Vladesti	78.41 319	i P	P	20 23 16.4 +1.1	
TLDR	TLDR	78.45 318	P	P	20 23 15.4 -0.2	
TLCR	TLCR	78.45 318	P	P	20 23 15.9 +0.4	
VARL	Varezi	78.50 319	i P	P	20 23 16.9 +1.1	
CTTR	Scanteiesti	78.57 319	P	P	20 23 17.0 +0.8	
GHR	Ghera	78.62 320	P	P	20 23 17.6 +1.1	
JURR	Jurilovca	78.69 318	i P	I Amb	I Amb	20 23 17.5 +0.6
BUR08	Bucovina Ar. S	78.69 322	i Amb	I Amb	20 23 19.0	
BURAR	Bucovina Array	78.70 322	P			

217	HMNX	I	Amb	I	Amb	20	23	59.2
MCH1	Michaelchurch	86.52	339f	eP	P	20	23	58.1 +0.7
MCH1	comp-Z,239nm,0.7s					20	23	59.0
WOL	Wolverton	86.59	338	eP	P	20	23	57.8 0.0
SWN1	Swindon	86.59	338	eP	P	20	23	58.4 +0.6
SWN1	comp-Z,279nm,1.0s					20	23	59.6
MONM	Mlonthmouth	86.61	339f	eP	P	20	23	58.6 +0.8
MONM	comp-Z,148nm,0.8s					20	23	59.4
TEOL	Teolo	86.72	327	I	Amb	I	Amb	20 23 59.7
I40A	Norwalk	87.11	35	I	Amb	I	Amb	20 24 01.6
I40A	comp-Z,59nm,1.1s					20	24	01.6
GDI	Anoyia	87.32	313	I	Amb	I	Amb	20 24 02.3
UMA	Guaido di Mace	87.76	325	I	Amb	I	Amb	20 24 14.7
UMA	comp-Z,65nm,1.0s					20	24	14.7
ZCCA	Zocca	87.82	327	I	Amb	I	Amb	20 24 14.3
E46A	Sault Ste Mari	87.85	30	I	Amb	I	Amb	20 24 05.9
E46A	comp-Z,49nm,1.1s					20	24	05.9
AMTX	Amarillo	87.88	47	I	Amb	I	Amb	20 24 07.0
AMTX	comp-Z,52nm,1.0s					20	24	07.0
I42A	Draeger Farm	87.88	34	I	Amb	I	Amb	20 24 06.0
I42A	comp-Z,52nm,0.8s					20	24	06.0
MATE	Maters	87.96	321	↑P	P	20	24	05.4 +0.4
JFWS	Jewell Farm	88.03	35	I	Amb	I	Amb	20 24 06.3
L40A	Anamosa	88.23	36	I	Amb	I	Amb	20 24 07.4
L40A	comp-Z,50nm,0.9s					20	24	07.4
CLF	Chambon-Foret	88.27	334	I	Amb	I	Amb	20 24 08.0
TBI	Tubuai	88.29	121	eP	P	20	24	11.6 +5.4
TBI	comp-Z,678nm,38.2s					20	24	11.6
TBI	Tubuai	88.29	121	eS	SKSac	20	34	37.2 +6.3
TBI	comp-Z,1µm,32.2s					20	40	34.4 -3.8
TBI	comp-Z,933nm,32.0s					20	48	07.5
TBI	comp-Z,1µm,40.2s					20	52	02.9
TBI	comp-Z,7µm,27.2s					20	52	05.6
TBI	comp-Z,2µm,30.2s					20	21	01.4
OK038	West end E0370	88.45	44	I	Amb	I	Amb	20 24 09.4
OK038	comp-Z,25nm,1.0s					20	24	09.4
MSSA	Maissana	88.48	328	I	Amb	I	Amb	20 24 09.3
MSSA	comp-Z,32nm,1.2s					20	24	10.3
SMWD	Samnorwood	88.57	46	I	Amb	I	Amb	20 24 10.0
KAN17	Caldwell West	88.59	43	I	Amb	I	Amb	20 24 10.0
PAOL	Paolisi	88.73	323	I	Amb	I	Amb	20 24 08.8
JSA	Saint Aubin	88.75	337	eP	P	20	24	08.3 +0.2
JSA	comp-Z,228nm,1.6s					20	24	09.4
CUC	Castrocuco	88.90	321	I	Amb	I	Amb	20 24 09.2
L42A	Oliver, Polo	89.01	35	I	Amb	I	Amb	20 24 10.9
L42A	comp-Z,45nm,1.1s					20	24	10.9
TIP	Timpagrande	89.03	320	↑P	P	20	24	10.4 +0.6
CASP	Castiglione de	89.10	326	I	Amb	I	Amb	20 24 10.2
CASP	comp-Z,23nm,1.0s					20	24	14.0
DKNS	Dickens	89.18	48	I	Amb	I	Amb	20 24 13.1
POST	Post	89.25	48	I	Amb	I	Amb	20 24 13.1
MSEY	Mathe Island	89.45	264	P	P	20	24	12.5 +0.4
N41A	Harden Midland	89.45	37	I	Amb	I	Amb	20 24 13.5
LPIG	La Paz	89.48	60	LR	LR	20	57	48.5
LPIG	comp-Z,16nm,21.8s					20	24	14.1
OK048	Pawnee Station	89.50	43	I	Amb	I	Amb	20 24 14.1
OK048	comp-Z,54nm,1.1s					20	24	14.9
WMOK	Wichita Mounta	89.67	46	I	Amb	I	Amb	20 24 13.2 +0.5
WMOK	comp-Z,24nm,1.0s					20	24	15.9
L44A	Lake County Fo	89.68	34	P	P	20	24	15.9
L44A	comp-Z,32nm,1.0s					20	24	15.9
OK052	Battle Ridge R	89.89	44	I	Amb	I	Amb	20 24 16.8
OK052	comp-Z,48nm,0.9s					20	24	15.9
APMT	Aspermont	89.89	47	I	Amb	I	Amb	20 24 16.8
APMT	comp-Z,29nm,1.6s					20	18	12.7
ATD	Arta Tunnel	89.97	284	LR	LR	21	08	12.7
ATD	comp-Z,10nm,20.2s,ba					20	24	17.5
J47A	Summer	90.19	32	I	Amb	I	Amb	20 24 17.5
J47A	comp-Z,2.2nm,0.9s					20	24	18.9
SGCY	Sterling City	90.28	49	I	Amb	I	Amb	20 24 18.9
SGCY	comp-Z,41nm,0.9s					20	24	18.3
X34A	Smith Ranch, M	90.31	45	I	Amb	I	Amb	20 24 19.1
X34A	comp-Z,53nm,1.1s					20	24	17.2 +0.5
TXR1	Lajitas Array	90.47	52	P	P	20	24	17.8 +1.0
TXR1	comp-Z,26nm,1.0s					20	24	17.8 +1.0
TXAR	Lajitas Array	90.47	52	P	P	20	24	17.8 +1.0
TXAR	comp-Z,14nm,0.8s,ba					20	41	44.4 +1.3
TXAR	comp-Z,1.1nm,0.8s,ba					20	49	52.7 -4.3
TXAR	comp-Z,0.2nm,0.2s,ba					20	58	58.0
TXAR	comp-Z,276nm,21.8s					20	24	17.7
S39A	Bolivar	90.51	40	I	Amb	I	Amb	20 24 18.8
S39A	comp-Z,14nm,0.8s					20	24	18.6
WTF5	Witchita Falls	90.55	46	I	Amb	I	Amb	20 24 19.9
WTF5	comp-Z,36nm,0.9s					20	24	19.6
R40A	Maddies Statio	90.60	39	I	Amb	I	Amb	20 24 20.3
R40A	comp-Z,31nm,0.8s					20	24	20.8
ABTX	Abilene, Hawle	90.67	48	I	Amb	I	Amb	20 24 20.8
ABTX	comp-Z,53nm,1.1s					20	21	09.5
RLO	Rose Lookout	90.74	42	I	Amb	I	Amb	20 24 20.3
RLO	comp-Z,33nm,0.8s					20	24	20.8
P43A	Skaggs, Pawnee	90.92	37	I	Amb	I	Amb	20 24 20.8
P43A	comp-Z,48nm,1.0s					20	21	09.5
LDAQ	Lac Daran	91.01	21	I	Amb	I	Amb	20 24 21.4
LDAQ	comp-Z,26nm,1.0s					20	24	21.4
SADO	Sadova	91.18	28	LR	LR	21	09	05.5
SADO	comp-Z,216nm,19.9s					20	24	21.4
HHAR	Hobbs	91.24	42	I	Amb	I	Amb	20 24 20.1
HHAR	comp-Z,32nm,0.8s					20	24	20.1 -0.2
CCM	Cathedral Cave	91.30	39	P	P	20	24	20.1 -0.2
CCM	comp-Z,38nm,0.9s					20	24	20.1 -0.2
CCM	comp-Z,38nm,1.0s					20	24	22.6
PLPT	Palo Pinto	91.32	47	I	Amb	I	Amb	20 24 22.6
PLPT	comp-Z,37nm,1.0s					20	24	23.0
MGMO	Mountain Grove	91.46	40	I	Amb	I	Amb	20 24 23.0
MGMO	comp-Z,37nm,0.8s					20	21	09.384
SFIN	Lafayette	91.48	35	I	Amb	I	Amb	20 24 23.1
SFIN	comp-Z,23nm,1.1s					20	24	23.1
VAE	Valguarnera	91.52	321	LR	LR	21	09	38.4
VAE	comp-Z,521nm,18.5s					20	24	23.1
TRQ	Mont Tremblant	91.53	24	I	Amb	I	Amb	20 24 24.2
TRQ	comp-Z,44nm,1.2s					20	24	24.2
X37A	Clayton	91.71	44	I	Amb	I	Amb	20 24 23.8
X37A	comp-Z,23nm,0.8s					20	24	47.2
N47A	Urbana	91.72	34	I	Amb	I	Amb	20 24 24.2
N47A	comp-Z,47nm,1.1s					20	24	24.2
RAFF	Raffo Rosso	91.74	320	I	Amb	I	Amb	20 24 24.2
RAFF	comp-Z,38nm,1.0s					20	24	24.2
Q44A	Meyer Farm, Va	91.74	37	I	Amb	I	Amb	20 24 24.2
Q44A	comp-Z,40nm,1.2s					20	24	24.3
FVM	French Village	91.76	38	I	Amb	I	Amb	20 24 25.8
FVM	comp-Z,29nm,0.9s					20	24	25.9
DELO	Deloro Mine	91.96	27	I	Amb	I	Amb	20 24 25.9
DELO	comp-Z,19nm,1.1s					20	24	25.9
BRDY	Brady	92.00	48	I	Amb	I	Amb	20 24 26.9
BRDY	comp-Z,54nm,1.2s					20	24	26.9
N42A	Columbus Grove	92.35	33	I	Amb	I	Amb	20 24 27.5
N42A	comp-Z,29nm,0.9s					20	24	27.5
D69A	Allappoli, All	92.43	20	I	Amb	I	Amb	20 24 27.2
D69A	comp-Z,33nm,0.9s					20	24	27.5
O48B	Farmland	92.47	34	I	Amb	I	Amb	20 24 26.2 +0.5

048B	Farmland	92.47	34	P	P	20	24	26.2 +0.5
MNT0	Montreal, Queb	92.47	24	I	Amb	I	Amb	20 24 27.5
MNT0	comp-Z,26nm,1.0s					20	24	27.2
FCAR	Ozark Folk Cen	92.50	41	I	Amb	I	Amb	20 24 28.0
FCAR	comp-Z,35nm,0.9s					20	24	28.0
S44A	Carbondale	92.57	38	I	Amb	I	Amb	20 24 28.0
S44A	comp-Z,29nm,1.0s					20	24	28.5
SIUC	Southern Illin	92.57	38	I	Amb	I	Amb	20 24 28.5
SIUC	comp-Z,32nm,0.9s					20	24	28.5
PBMO	Poplar Bluff	92.69	39	I	Amb	I	Amb	20 24 29.4
PBMO	comp-Z,35nm,1.0s					20	24	30.3
LONY	Lake Ozonia	92.93	25	I	Amb	I	Amb	20 24 31.2
LONY	comp-Z,55nm,0.4s					20	24	31.2
PQI	Presque Isle	93.09	20	I	Amb	I	Amb	20 24 31.2
PQI	comp-Z,34nm,0.9s					20	24	31.2 +0.9
X40A	Basin Creek Fa	93.18	42	I	Amb	I	Amb	20 24 30.9
X40A	comp-Z,34nm,1.3s					20	24	31.2
J45B	Jarrell	93.21	48	P	P	20	24	30.9
J45B	comp-Z,316					20	24	31.2
A39A								

AKBB	Malin Array Si	17.81 269	Pn	Pn	23 02 21.4	-5.5
AKBB	Malin Array Si	17.81 269	eP	Pn	23 02 21.8	-5.1
AKBB	comp-Z,730nm,1.3s			pmax		
AKBB	Kiev	17.82 269	Pn	Pn	23 02 21.1	-5.9
KIEV	Kiev	17.82 269	I	Iamb	23 02 29.2	
KIEV	comp-Z,812nm,1.4s					
KIEV	SNR=45	17.82 269	i	Pn	23 02 20.8	-6.3
KIEV	Kiev	17.82 269	P	Pn	23 02 21.2	-5.9
KIEV	comp-Z,812nm,1.4s			pmax		
CHGR	Chuyangar	17.83 150	Pn	Pn	23 02 25.8	-1.6
CHGR	Chuyangaron	17.83 150	P	Pn	23 02 25.8	-1.6
CHGR	comp-Z,1µm,1.0s			pmax		
GAR	Garm	17.86 147	Pn	Pn	23 02 26.5	-1.4
ARB	Arbavere	17.86 296	eP	Pn	23 02 23.3	-3.8
NACGM	Naroch	17.88 283	eP	Pn	23 02 22.8	-5.0
NRN	Naryn	17.92 131	Pn	Pn	23 02 27.2	-1.5
NRN	Naryn	17.92 131	P	Pn	23 02 27.2	-1.5
NRN	comp-Z,46nm,0.9s			pmax		
DRK	Karamyk	17.92 143	Pn	Pn	23 02 28.0	-0.7
DRK	Karamyk	17.92 143	P	Pn	23 02 28.0	-0.7
DRK	comp-Z,180nm,1.0s			pmax		
FINES	FINES Array B	17.97 305	P	Pn	23 02 24.3	-4.5
FINES	comp-Z,47nm,0.7s,baz=100,slow=12,SNR=101			S	23 05 36.4	-12
FINES	comp-Z,144nm,0.8s,baz=85,slow=23,SNR=8.8			Lg	23 07 44.4	
FINES	comp-Z,1.6nm,0.3s,baz=87,slow=29,SNR=2.2			Lg	23 10 02.3	
FINES	comp-Z,2µm,19.2s,baz=95,slow=39			LR	23 02 24.3	-4.5
FINES	FINES Array B	17.97 305	eP	pmax		
FINES	comp-Z,5.0nm,0.3s			pmax		
UZB	Uzymbulak	18.00 122	eP	Pn	23 02 26.4	-3.1
UZB	Uzymbulak	18.00 122	eP	Pn	23 02 26.3	-3.1
SIM	Simferopol'	18.17 247	eP	Pn	23 02 29.5	-1.9
SIM	comp-Z,312nm,1.5s			smax		
PRZ	Przheval'sk	18.19 124	Pn	Iamb	23 02 30.6	-1.3
PRZ	comp-Z,218nm,0.8s			Iamb	23 02 33.6	
PRZ	Przheval'sk	18.19 124	P	pmax	23 02 30.6	-1.3
SHLS	Shalkode	18.21 121	eP	Pn	23 02 31.2	-0.8
SHLS	comp-Z,76nm,0.8s,baz=119			pmax		
SHLS	Shalkode	18.21 121	eP	pmax	23 02 31.1	-0.9
SHLS	comp-Z,76nm,0.8s			pmax		
ZSN	Zaisan	18.33 102	eP	Pn	23 02 30.9	-2.6
ZSN	comp-Z,130nm,1.1s,baz=102			eS	23 05 57.6	-0.4
ZSN	Zaisan	18.33 102	eP	Pn	23 02 30.8	-2.6
ZSN	comp-Z,130nm,1.1s			sm	23 05 57.6	-0.4
TARG	Taragay, Kyrgy	18.49 127	P	P	23 02 34.5	-1.2
TARG	Taragay, Kyrgy	18.49 127	P	pmax	23 02 34.5	-1.2
TARG	comp-Z,138nm,1.0s			pmax		
DGZ	Jazzator, Alta	18.67 94	i	P	23 02 35.7	-1.6
DGZ	comp-Z,310nm,1.5s			MLR		
MEF	Metsahovi	18.69 301	eP	P	23 02 34.1	-3.1
MTSE	Matsula	19.00 296	eP	P	23 02 37.9	-2.8
VISVD	Vysvdyziai	19.26 288	eP	P	23 02 42.5	-1.0
PABE	Paberze	19.33 286	eP	P	23 02 41.0	-3.4
PABE	Paberze	19.33 286	eP	P	23 02 42.5	-1.8
KSH	Kashi	19.49 134	Pn	Pn	23 02 48.5	+0.9
KSH	Kashi	19.49 134	sP	sP	23 02 56.7	+5.7
KSH	Kashi	19.49 134	PP	Pn	23 03 06.8	+6.1
KSH	Kashi	19.49 134	S	S	23 06 29.0	+2.5
KSH	comp-Z,59nm,1.0s			pmax		
KSH	comp-Z,5µm,10.0s			LR		
KSH	comp-Z,7µm,9.2s			LR		
KSH	comp-Z,9µm,16.1s			LR		
GURO	Guroymak-BITLI	19.50 220	P	Iamb	23 02 46.2	-0.3
GURO	comp-Z,218nm,1.3s			Iamb	23 02 50.1	
PURM	Purcari	19.52 257	↑P	Pn	23 02 47.1	-0.7
SNOP	Sinop	19.67 239	P	P	23 02 47.7	-0.5
KRAR	Krasnoyarsk	19.74 72	i	P	23 02 48.6	-0.2
VAF	Vilastar	19.77 309	eP	P	23 02 49.1	+0.1
KIS	Kishinev	19.85 259	↑P	P	23 02 50.3	0.0
KIS	Kishinev	19.85 259	eP	P	23 02 47.0	-3.1
KIS	Kishinev	19.85 259	eS	S	23 06 26.0	-7.4
KIS	comp-Z,400nm,2.0s			pmax		
KIS	comp-Z,1µm,15.0s			MLR		
SLIT	Slitere, Latvi	19.90 293	eP	P	23 02 48.5	-2.0
MILM	Milestii Mici	19.90 259	↑P	P	23 02 50.9	+0.2
MILM	Milestii Mici	19.90 259	eP	P	23 02 50.9	+0.2
DKM	Dikmen	19.92 238	↑P	P	23 02 51.1	+0.2
VADS	Vadso	19.95 331	eP	P	23 02 49.5	-1.5
RAF	Rauma	20.01 303	eP	P	23 02 50.7	-1.0
SUW	Suwalki	20.14 282	eP	P	23 02 49.2	-4.0
SUW	Suwalki	20.14 282	eS	S	23 06 30.9	-8.1
SUW	Suwalki	20.14 282	eP	P	23 02 50.8	-2.4
SUW	Suwalki	20.14 282	eP	P	23 02 51.1	+0.6
SUW	Suwalki	20.14 282	P	P	23 02 50.8	-2.4
SUW	comp-Z,692nm,1.0s			pmax		
SIRT	Sirmak	20.28 218	P	P	23 02 55.6	+0.6
BZK	Bozkurt	20.32 241	P	P	23 02 55.5	-0.1
BZK	Bozkurt	20.32 241	↑P	Pn	23 02 57.2	0.0
PBUR	Paburge	20.35 288	eP	P	23 02 55.4	-0.1
KEV	Kevo	20.43 329	P	P	23 02 55.8	-0.4
KEV	Kevo	20.43 329	P	P	23 02 55.8	-0.4
KEV	comp-Z,154nm,1.1s			pmax		
IAS	IASI	20.47 261	↑P	P	23 02 57.5	+0.6
IAS	IASI	20.47 261	P	P	23 02 57.4	+0.6
DRBR	Darabani	20.48 264	↑P	P	23 02 57.2	+0.3
ARPR	Arapij-MALATY	20.52 257	P	P	23 02 58.1	+0.6
HRA	Herat	20.62 170	P	Iamb	23 03 08.1	
HRA	comp-Z,130nm,0.8s			Iamb		
ARAO	ARCESS Array S	20.77 328	eP	P	23 03 00.3	+0.4
ARCES	ARCESS Array B	20.77 328	P	P	23 02 59.0	-0.9
ARCES	ARCESS Array B	20.77 328	P	P	23 03 00.1	+0.2
ARCES	comp-Z,22nm,0.5s,baz=118,slow=9.8,SNR=80			S	23 06 47.1	-4.3
ARCES	comp-Z,24nm,0.9s,baz=109,slow=10,SNR=2.4			Lg	23 09 18.8	
ARCES	comp-Z,0.5nm,0.3s,baz=119,slow=22,SNR=5.6			LR	23 11 30.5	
CHRU	Chernivitsi	20.83 265	P	P	23 03 01.0	+0.3
CHRU	comp-Z,294nm,0.8s,comp-Z,4µm			P		
AAL	Aland	20.89 300	eP	P	23 02 59.8	-1.4
CIDE	Kastamonu/Cide	20.91 242	↑P	P	23 03 02.7	+1.1
TLCR	Tlcr	20.92 255	P	P	23 03 02.0	+0.4
TLCR	Tlcr	20.92 255	P	P	23 03 02.1	+0.3
VLDR	Vladesti	20.93 257	↑P	P	23 03 03.4	-1.2
BIR	Birlad	20.95 259	↑P	Pn	23 03 04.1	-1.2
BIR	Birlad	20.95 259	↑P	Pn	23 03 04.0	-0.5
VARL	Varlezii	21.03 257	↑P	P	23 03 03.3	+0.4
SCTR	Scantesteisti	21.08 257	↑P	P	23 03 05.1	+1.7
PRAR	RASCA	21.14 263	P	P	23 03 04.5	+0.4
JURR	Jurilovca	21.14 254	↑P	P	23 03 05.1	+1.0
GHRH	Ghrh	21.19 258	↑P	P	23 03 06.0	+1.4
LVV	L'vov	21.20 270	↑P	P	23 03 05.2	+0.5
NEGR	Negrea	21.23 257	↑P	P	23 03 06.6	+1.6

KTK1	Katokoineo	21.26 326	eP	P	23 03 05.5	+0.3
SLCR	Slobzha Conac	21.26 257	↑P	P	23 03 06.3	+1.0
SCHL	Schola	21.28 257	↑P	P	23 03 06.3	+0.8
IZVR	Izvoarele	21.29 257	↑P	P	23 03 06.3	+0.7
SCHLR	Schela	21.30 257	↑P	P	23 03 06.5	+0.9
CFR	Caraculiu	21.30 256	↑P	P	23 03 06.3	+0.5
CFR	Caraculiu	21.30 256	↑P	P	23 03 06.3	+0.5
KSV	Kosov	21.31 266	↑P	P	23 03 06.0	+0.1
TUDR	Tudora	21.32 257	↑P	P	23 03 06.6	+0.7
TPGR	Topolog	21.34 254	↑P	P	23 03 06.6	+0.4
COSR	Cosmesti PH	21.36 258	↑P	P	23 03 08.2	+1.7
TESC	Tescani	21.36 280	↑P	P	23 03 06.3	+0.8
STNU	Starunia	21.44 267	↑P	P	23 03 07.5	+0.2
PANC	Panciu	21.45 258	↑P	P	23 03 08.5	+1.1
ODBI	Odobesti	21.56 258	↑P	P	23 03 10.4	+1.8
BUR08	Bucovina Ar. S	21.58 264	↑P	P	23 03 08.7	-0.2
BURAR	Bucovina Array	21.58 264	Iamb	Iamb	23 03 08.3	-0.6
BURAR	comp-Z,146nm,0.8s			P	23 03 09.7	+0.7
BURAR	Bucovina Array	21.58 264	↑P	P	23 03 08.6	+0.7
ONER	Onara	21.61 262	↑P	P	23 03 10.6	+1.5
KBL	Kabul	21.67 155	↑P	P	23 03 09.3	-0.7
KBL	Kabul	21.67 155	P	P	23 03 10.6	+0.4
KBL	SNR=62					
KBL	Kabul	21.67 155	S	P	23 07 09.7	-0.3
KBL	Kabul	21.67 155	S	P	23 03 09.4	-0.7
VRI	Vrincioia	21.69 259	↑P	P	23 03 10.9	+0.9
VRI	Vrincioia	21.69 259	↑P	P	23 03 10.9	+0.9
HARR	Harsova	21.72 255	↑P	P	23 03 10.9	+0.6
PJOR	Plostin	21.74 259	↑P	P	23 03 11.8	+1.2
PJOR	Plostin	21.74 259	↑P	P	23 03 11.8	+1.2
TLBR	Talpa	21.74 254	↑P	P	23 03 11.8	+1.3
MFTR	Mufatlar	21.77 253	↑P	P	23 03 11.8	+1.0
BUNY	Bunyan	21.83 257	↑P	P	23 03 13.9	+2.4
GREP	Ghergheni	21.85 330	e	P	23 02 59.8	
HAMF	Hammerfest	21.85 330	e	P	23 03 11.7	+0.2
HAMF	Hammerfest	21.85 330	eP	P	23 03 11.9	-1.2
RAKU	Rahkiu	21.98 266	↑P	P	23 03 15.2	+2.0
TURR	Turia	21.98 260	↑P	P	23 03 15.2	+2.0
COVR	Voineasa-Covas	22.09 260	↑P	P	23 03 15.5	+1.1
OZUR	Ozura	22.09 260	↑P	P	23 03 15.5	+1.1
UPP	Uppsala	22.09 300	↑P	P	23 03 13.5	-0.7
AMRR	Amara	22.10 255	↑P	P	23 03 15.5	+1.1
AMRR	Amara	22.10 255	↑P	P	23 03 15.4	+1.1
WMQ	Urumqi	22.10 107	S	S	23 03 14.7	+0.2
WMQ	Urumqi	22.10 107	S	S	23 07 16.0	-2.0
WMQ	comp-Z,87nm,0.9s			pmax		
WMQ	comp-Z,310nm,3.6s			pmax		
WMQ	comp-Z,9µm,7.1s			LR		
WMQ	comp-Z,4µm,6.3s			LR		
WMQ	comp-Z,3µm,18.5s			LR		
MEZ	Mezghor'ye	22.11 268	P	P	23 03 14.7	+0.2
PGOR	Pogoane	22.11 256	↑P	P	23 03 16.1	+1.6
BOSH	Bodos	22.17 260	↑P	P	23 03 16.7	+1.5
BR131	Keskin Array S	22.19 237	Iamb	Iamb	23 03 26.9	0.0
BR131	Keskin Array S	22.19 237	P	P	23 03 15.5	0.0
BR131	comp-Z,231nm,1.1s			pmax		
BRTR	Keskin Array B	22.19 237	P	P	23 03 15.4	0.0
BRTR	Keskin Array B	22.19 237	P	P	23 03 15.9	+0.4
BRTR	comp-Z,188nm,1.2s,baz=60,slow=7.3,SNR=245			P	23 07 21.0	+1.3
BRTR	comp-Z,6.0nm,1.0s,baz=55,slow=14,SNR=2.1			LR	23 15 20.1	
BRTR	comp-Z,214nm,19.3s,baz=44,slow=46					
BR106	Keskin Array S	22.19 237	P	P	23 03 16.3	+0.7
BR106	comp-Z,188nm,1.2s			P	23 03 17.3	+1.9
NEHR	Nehoiu	22.19 258	↑P	P	23 03 16.1	+0.4
BR104	Keskin Array S	22.20 237	P	P	23 03 16.1	+0.4
BR105	Keskin Array S	22.20 237	P	P	23 03 16.1	+0.4
BR105	comp-Z,222nm,1.1s,comp-Z,					

WLF	Walferdange	31.53 282	dP	P	23 04 42.7 +1.4
WLF	Walferdange	31.53 282	P	P	23 04 42.0 +0.8
WLF	comp=Z,104nm,1.1s				
WLF	Walferdange	31.53 282	eP	P	23 04 42.9 +1.7
TIP	Timpagrande	31.61 258	P	P	23 04 42.3 +0.2
TIP	Timpagrande	31.61 258	PP	P	23 04 43.7 +1.6
TIP	Timpagrande	31.61 258	P	P	23 04 43.1 +1.0
PAOL	Paolisi	31.62 262	P	P	23 04 41.5 -0.6
PAOL	comp=Z,100nm,1.3s		IAMB	IAMB	23 04 44.6
BCLA	Clavier	31.64 284	dP	P	23 04 42.8 +0.6
SMDO	Samad	31.69 180	P	P	23 04 43.9 +1.0
SMDO	comp=Z,156nm,1.6s,baz=64,slo=9.0				
ECH	Echery	31.70 279	P	P	23 04 42.2 -0.5
ECH	comp=Z,48nm,0.9s		IAMB	IAMB	23 05 18.1
ECH	Echery	31.70 279	P	P	23 04 42.2 -0.5
ECH	comp=Z,48nm,0.9s				
BGES	Gesves	31.78 284	dP	P	23 04 44.0 +0.6
RCHB	Rochefort	31.81 284	dP	P	23 04 44.6 +1.0
GTA	Gaotai	31.82 101	eP	P	23 04 44.3 +0.3
GTA	comp=Z,48nm,1.0s		S	S	23 09 53.8 -0.4
GTA	comp=Z,110nm,5.4s				
GTA	comp=Z,3um,13.1s				
GTA	comp=Z,2um,9.8s				
MZR	Muzera	31.92 188	iP	P	23 04 45.8 +0.9
MZR	SNR=31				
MZR	Muzera	31.92 188	P	P	23 04 46.5 +1.7
MZR	SNR=6.6				
BMRD	Maredsous	32.00 284	dP	P	23 04 45.7 +0.4
BSY	Bisya	32.01 181	P	P	23 04 46.5 +0.9
BSY	comp=Z,84nm,1.2s				
WLC	Villacollemand	32.09 271	P	P	23 04 46.9 +0.6
UMZA	Um Al Zomool	32.10 185	P	P	23 04 46.4 0.0
DOU	Dourbes	32.20 284	dP	P	23 04 48.3 +1.2
JMIC	Jan Mayen	32.22 326	LR	LR	23 17 24.5
JMDO	Jabal Madar	32.37 180	P	P	23 04 49.2 +0.4
JMDO	comp=Z,2um,19.4s,baz=78,slo=36				
CIT	Chita	32.52 71	eP	P	23 04 50.6 +0.6
CIT	comp=Z,69nm,1.4s				
CIT	comp=Z,2um,11.6s				
CIT	comp=Z,2um,11.6s				
RAYN	Ar Rayn	32.58 202	P	P	23 04 51.1 +0.4
RAYN	comp=Z,87nm,1.1s		IAMB	IAMB	23 04 53.8
RAYN	Ar Rayn	32.58 202	iP	P	23 04 51.7 +1.0
RAYN	SNR=60				
RAYN	Ar Rayn	32.58 202	P	P	23 04 51.2 +0.4
RAYN	Ar Rayn	32.58 202	P	P	23 04 51.1 +0.4
RAYN	comp=Z,87nm,1.2s				
SENIN	Lac Senin/Sane	32.61 276	P	P	23 04 50.5 -0.5
MCD	Coleburn Disti	33.17 300	e	LR	23 04 53.4 -2.1
TIXI	Tiksi	33.57 33	LR	LR	23 19 27.1
EDMD	Edmundbyers	33.61 295	eP	IAMB	23 04 58.6 -0.7
EDMD	comp=Z,341nm,20.7s,baz=4.5,slo=38				
MHTO	MHTO	33.75 180	P	P	23 05 01.1 +0.3
HPK	Haverah Park	33.81 294	eP	IAMB	23 05 00.8 -0.2
HPK	comp=Z,93nm,1.1s				
NOR	Nord	34.02 345	iP	P	23 05 01.9 -0.7
NOR	comp=Z,60nm,1.6s		IAMB	IAMB	23 05 05.0
EKA	Eskdalemuir Ar	34.02 297	P	P	23 05 02.7 -0.2
EKA	comp=Z,59nm,1.2s,baz=58,slo=8.3,SNR=40				
EKA	comp=Z,11nm,0.9s,baz=58,slo=8.6,SNR=2.1				
ESK	Eskdalemuir	34.05 297	P	P	23 05 02.6 -0.6
ESK	Eskdalemuir	34.05 297	eP	P	23 05 03.1 0.0
ESK	Eskdalemuir	34.05 297	P	P	23 05 02.6 -0.6
ESK	comp=Z,219nm,1.7s				
LBWR	Ladybower, Pea	34.11 293	eP	IAMB	23 05 03.8 +0.1
LBWR	comp=Z,190nm,1.6s				
CWF	Charnwood Fore	34.19 292	eP	IAMB	23 05 04.5 +0.1
CWF	comp=Z,117nm,1.5s				
KESW	Keswick, Cumb	34.31 295	eP	P	23 05 04.8 -0.6
DAG	Danmarks Havn	34.50 337	iP	IAMB	23 05 08.8 +2.0
DAG	comp=Z,27nm,1.0s				
PGBU	Glenfiterbraes	34.50 298	eP	IAMB	23 05 07.5 +0.5
PGBU	comp=Z,233nm,1.5s				
STNC	Stoke	34.51 293	eP	IAMB	23 05 08.3 +1.1
STNC	comp=Z,362nm,1.5s				
LSA	Lhasa	34.56 123	P	P	23 05 10.6 +2.3
LSA	comp=Z,9.0nm,0.7s				
LSA	comp=Z,9.0nm,0.7s				
LSA	comp=Z,2um,13.7s				
LSA	comp=Z,800nm,14.4s				
LSA	comp=Z,3um,14.4s				
LSA	Lhasa	34.56 123	P	P	23 05 08.9 +0.6
LSA	Lhasa	34.56 123	P	P	23 05 10.2 +1.9
LSA	Lhasa	34.56 123	P	P	23 05 08.9 +0.6
NEWG	New Galloway	34.67 297	eP	IAMB	23 05 08.6 +0.1
NEWG	comp=Z,19nm,0.7s				
LAWE	Loch Awe, Argy	34.77 299	eP	P	23 05 10.0 +0.6
SSB	Saint Sauveur	34.81 277	P	P	23 05 09.9 0.0
SSB	Saint Sauveur	34.81 277	P	P	23 05 09.9 0.0
SSB	comp=Z,308nm,1.6s				
WOL	Wolverton	34.83 289	eP	P	23 05 10.0 +0.1
GAL1	Galloway	35.03 297	eP	IAMB	23 05 11.6 +0.1
GAL1	comp=Z,239nm,1.6s				
STRD	Stroud	35.11 291	eP	IAMB	23 05 12.3 -0.1
STRD	comp=Z,200nm,1.4s				
HLM1	Long Mynd	35.14 292	eP	IAMB	23 05 13.3 +0.7
HLM1	comp=Z,223nm,1.6s				
OLDB	Oldbury-Upon-S	35.38 291	eP	IAMB	23 05 14.7 +0.1
OLDB	comp=Z,291nm,1.4s				
LLW	Llanwchllyn	35.40 293	eP	P	23 05 15.4 +0.5
MONM	Monmouth	35.43 291	eP	IAMB	23 05 15.1 0.0
MONM	comp=Z,242nm,1.4s				
MCH1	Michaelchurch	35.46 291	eP	P	23 05 15.6 +0.2
CLGH	Cloghs, Cushen	35.65 297	eP	IAMB	23 05 17.2 +0.2
CLGH	comp=Z,203nm,1.5s				
DOK	Doka	36.23 186	P	P	23 05 23.3 +1.1
RSBS	Rosebush, Pemb	36.42 292	eP	IAMB	23 05 22.8 -0.8
RSBS	comp=Z,280nm,1.5s				
LZH	Lanzhou	36.42 102	iP	P	23 05 24.5 +0.5
LZH	comp=Z,47nm,1.0s				
LZH	comp=Z,150nm,4.3s				
LZH	comp=Z,2um,9.8s				
LZH	comp=Z,3um,11.3s				
LZH	comp=Z,3um,11.3s				

YAK	Yakutsk	36.43 49	P	P	23 05 23.2 -0.4
YAK	Yakutsk	36.43 49	eP	P	23 05 23.0 -0.5
YAK	comp=Z,1um,11.9s				
YAK	Yakutsk	36.43 49	ePP	PP	23 05 27.2 +0.2
YAK	Yakutsk	36.43 49	e	P	23 05 46.6
YAK	Yakutsk	36.43 49	eS	S	23 07 48.4
YAK	Yakutsk	36.43 49	eS	S	23 11 04.9 +0.3
YAK	comp=Z,49nm,1.1s				
YAK	comp=N,9.0nm,1.4s				
YAK	comp=E,15nm,1.2s				
YAK	comp=Z,57nm,1.3s				
YAK	comp=N,34nm,1.6s				
YAK	comp=E,52nm,1.5s				
YAK	comp=E,76nm,2.2s				
YAK	comp=N,46nm,1.2s				
YAK	comp=Z,649nm,14.0s				
JSA	Saint Aubin	36.44 287	eP	IAMB	23 05 23.1 -0.7
JSA	comp=Z,200nm,1.4s				
DSB	Dublin	36.65 295	P	P	23 05 25.0 -0.5
DSB	comp=Z,136nm,1.8s				
DYA	Yadsworth	36.75 289	eP	IAMB	23 05 26.3 -0.2
DYA	comp=Z,320nm,1.5s				
BTO	Baotou	36.90 91	eP	P	23 05 27.5 -0.5
BTO	comp=Z,84nm,1.2s				
BTO	comp=Z,280nm,3.5s				
BTO	comp=Z,3um,7.7s				
BTO	comp=Z,2um,9.6s				
BTO	comp=Z,4um,21.7s				
WHFO	Wadi Hawf	36.94 187	P	P	23 05 29.2 +0.8
HIA	Hailar	37.31 72	P	IAMB	23 05 32.3 +1.0
HIA	comp=Z,49nm,0.9s				
HIA	Hailar	37.31 72	P	P	23 05 32.3 +1.0
HIA	comp=Z,49nm,0.9s				
RBK	Rabkut	37.33 186	P	P	23 05 32.1 +0.5
RBK	SNR=6.1				
EJON	La Jonquera	37.48 274	P	P	23 05 33.0 +0.3
ABTO	Aybut	37.54 187	P	P	23 05 33.9 +0.2
HHC	Hu-ho-hao-te	37.64 89	eP	S	23 05 34.7 +0.5
HHC	comp=Z,10.0nm,0.6s				
HHC	comp=Z,68nm,5.0s				
HHC	comp=Z,910nm,12.6s				
HHC	comp=Z,890nm,13.9s				
HHC	comp=Z,1um,14.5s				
KEST	Kesra	38.23 261	P	IAMB	23 05 39.3 +0.1
KEST	comp=Z,129nm,1.6s				
KEST	Kesra	38.23 261	P	P	23 05 39.7 +0.4
KEST	comp=Z,8.5nm,0.6s,baz=317,slo=2.9,SNR=17				
KEST	comp=Z,333nm,19.4s,baz=322,slo=40				
XLT	XilinHaoTe	38.33 82	eP	S	23 05 40.6 +0.6
XLT	comp=Z,19nm,1.3s				
XLT	comp=Z,150nm,8.9s				
XLT	comp=Z,950nm,11.8s				
XLT	comp=Z,1um,10.9s				
SHL	Shillong	38.38 126	P	P	23 05 40.0 -0.6
SHL	Shillong	38.38 126	P	P	23 05 40.0 -0.6
SHL	comp=Z,29nm,0.8s				
BORG	Borgarnes	38.50 317	P	LR	23 05 41.2 +0.2
BORG	Borgarnes	38.50 317	LR	LR	23 21 07.0
BORG	Borgarnes	38.50 317	P	P	23 05 41.2 +0.2
BORG	comp=Z,2um,18.1s,baz=80,slo=36				
ZEZ	Zeya	38.97 62	eP	S	23 05 47.3 +2.2
ZEZ	comp=Z,75nm,1.4s				
ZEZ	comp=Z,20nm,1.2s				
ZEZ	comp=N,200nm,4.1s				
ZEZ	comp=E,700nm,11.0s				
ZEZ	comp=Z,800nm,11.0s				
ETOS	Mallorea	39.24 271	P	P	23 05 46.8 -0.8
VAL	Valencia	39.35 295	P	P	23 05 48.2 0.0
CD2	Chengdu	40.20 107	P	S	23 05 56.5 +0.8
CD2	comp=Z,40nm,0.7s				
CD2	comp=Z,110nm,3.7s				
CD2	comp=Z,1um,14.6s				
CD2	comp=Z,1um,10.8s				
CD2	comp=Z,2um,17.8s				
TIY	Taiyuan	40.23 92	eP	S	23 05 57.8 +1.9
TIY	comp=Z,23nm,0.7s				
TIY	comp=Z,58nm,3.6s				
TIY	comp=Z,4um,14.4s				
TIY	comp=Z,3um,15.1s				
TIY	comp=Z,3um,14.4s				
HYB	Hyderabad	40.52 149	eP	IAMB_BB	23 05 58.7 +0.2
HYB	comp=Z,325nm,2.1s				
EIBZ	Ibliza	40.58 271	P	P	23 05 58.8 +0.1
SUMG	Summit	40.73 333	P	P	23 05 59.8 -0.2
SUMG	Summit	40.73 333	P	P	23 05 56.1 -3.8
SUMG	Summit	40.73 333	P	P	23 05 59.8 -0.2
SUMG	comp=Z,31nm,1.1s				
SUMG	Summit	40.73 333	iP	IAMB	23 06 00.0 0.0
SUMG	comp=Z,29nm,1.1s				
XAN	Xi'an	40.79 99	iP	P	23 06 00.8 +0.3
XAN	comp=Z,42nm,0.8s				
XAN	comp=Z,190nm,7.4s				
XAN	comp=Z,3um,9.6s				
XAN	comp=Z,2um,10.6s				
XAN	comp=Z,2um,9.4s				
BJI	Beijing	40.84 86	P	P	23 06 01.6 +0.8
BJI	comp=Z,23nm,1.1s				

BJI	comp=Z,830nm,15.9s				
BJI	comp=Z,610nm,15.4s				
BJI	comp=Z,1um,12.7s				
BJT	Baijiatuu	40.85 86	P	P	23 06 01.3 +0.4
BJT	Baijiatuu	40.85 86	P	P	23 06 01.3 +0.4
BJT	comp=Z,45nm,1.0s				
HEH	Heihe	40.92 67	eP	P	23 06 02.6 +1.2
HEH	comp=Z,41nm,0.9s				
HEH	comp=Z,2um,16.6s				
HEH	comp=Z,1um,14.8s				
HEH	comp=Z,1um,16.5s				
NEEM	North Greenlan	41.05 342	iP	IAMB	23 06 02.7 +0.2
NEEM	comp=Z,162nm,1.5s	</			

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Vila Real, Berja, Adamuz, Presa de Quent, Dalian, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Kangerlussuaq, Sao Teotônio, ChangSha, Marletele, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Utukok River, Kikpik River, Petropavlovsk, etc.

F26K	Sheenjek River baz=345,SNR=37	56.73	10	P	P	23 08 03.9 +1.5
INK	Inuvik	56.92	5	P	P	23 08 03.9 +0.1
INK	Inuvik comp=Z,61nm,18.4s,baz=354,slow=41	56.92	5	LR	LR	23 07 08.3
INK	Inuvik	56.92	5	P	P	23 08 04.6 +0.8
INK	Inuvik	56.92	5	P	P	23 08 03.9 +0.1
INK	Inuvik comp=Z,27nm,1.0s	56.92	10	P	P	23 08 05.7 +1.7
BMAR	Burnt Mountain	57.00	13	P	P	23 08 05.7 +1.3
G23K	Bananza Creek baz=341,SNR=10	57.12	18	P	P	23 08 06.1 +0.8
H17K	Granite Mounta baz=335,SNR=3.4	57.17	15	P	P	23 08 06.5 +0.9
IMAR	Indian Moun baz=337,SNR=22	57.18	16	P	P	23 08 06.7 +1.1
H19K	Roundabout Mou baz=348,SNR=18	57.19	8	P	P	23 08 07.2 +1.4
F28M	Old Crow baz=336,SNR=10.0	57.20	17	P	P	23 08 06.3 +0.5
H18K	Honhosa River baz=336,SNR=10.0	57.29	8	LR	LR	23 34 57.4
JOW	Kunigami comp=Z,398nm,18.3s,baz=328,slow=38	57.33	12	P	P	23 08 08.3 +1.6
G24K	Hadweenciz Riv baz=343,SNR=9.1	57.42	11	P	P	23 08 09.3 +2.0
G25K	Bearman Lake baz=342,SNR=11	57.46	16	P	P	23 08 08.4 +0.7
H20K	Antoenaga Mo baz=338,SNR=50	57.49	10	P	P	23 08 09.3 +1.5
G26K	Porcupine Rive baz=345,SNR=35	57.49	6	P	P	23 08 09.0 +1.2
F30M	Barrier River baz=351,SNR=8.5	57.59	14	P	P	23 08 09.9 +1.3
H22K	Ishlatitna Cre baz=340	57.62	15	P	P	23 08 09.7 +1.0
H21K	Melozitna Rive baz=340,SNR=24	57.77	5	P	P	23 08 10.6 +0.8
F31M	Tsiigethic baz=352,SNR=22	57.83	9	P	P	23 08 11.9 +1.6
G27K	Doyon Strip baz=347,SNR=42	57.83	17	P	P	23 08 11.2 +1.1
GCSA	Galena City Sc baz=337	57.91	13	P	P	23 08 11.9 +1.1
H25K	Yukon River baz=342	57.93	11	P	P	23 08 12.2 +1.3
H23L	Birch Creek baz=344,SNR=6.6	57.94	19	P	P	23 08 11.4 +0.4
I17K	Unalakleet baz=335	58.03	7	P	P	23 08 12.5 +0.8
G29M	Pine Creek baz=349,SNR=15	58.08	7	P	P	23 08 12.8 +0.7
G30M	toAh Zraii Nji baz=350,SNR=19	58.10	12	P	P	23 08 13.5 +1.3
H20K	Noodor Dome baz=343,SNR=14	58.17	16	P	P	23 08 13.8 +1.2
I24K	Naaghedeneel baz=339	58.26	6	P	P	23 08 13.8 +0.6
G31M	Satah River baz=352,SNR=42	58.28	205	P	P	23 08 14.7 +0.5
KMBO	Kilima Mbogo SNR=11	58.28	205	i	P	23 08 14.2 -0.1
KMBO	Kilima Mbogo comp=Z,9.6nm,1.1s,baz=58,slow=9.7,SNR=11	58.28	205	P	P	23 08 14.8 +0.5
KMBO	Kilima Mbogo comp=Z,9.6nm,1.1s	58.28	205	P	P	23 08 15.2 +0.9
KMBO	Kilima Mbogo comp=Z,9.6nm,1.1s	58.29	21	P	P	23 08 15.0 +0.8
H27K	Steamboat Moun baz=347,SNR=17	58.40	9	P	P	23 08 16.0 +1.7
J16K	Anvik River baz=335,SNR=5.9	58.50	19	P	P	23 08 15.8 +0.9
MLYK	Manley baz=341,SNR=21	58.50	14	P	P	23 08 16.2 +1.2
I23K	Minto, Yukon-K baz=342,SNR=13	58.58	13	P	P	23 08 17.0 +1.6
EPYK	Eagle Plains baz=342,SNR=8.3	58.65	7	P	I	23 08 16.5 +0.4
EPYK	Eagle Plains comp=Z,26nm,0.9s	58.65	7	P	P	23 08 17.1 +1.1
EPYK	Eagle Plains baz=352,SNR=5.0	58.68	8	P	P	23 08 17.4 +1.2
H29M	Whitestone baz=349,SNR=20	58.68	19	P	P	23 08 16.6 +0.3
J17K	VAMB Dome baz=335,SNR=5.2	58.69	11	P	P	23 08 17.5 +1.0
PRP	Porcupine Dome PRP	58.69	11	P	P	23 08 17.8 +1.4
J19K	Poorman baz=338,SNR=14	58.73	17	P	P	23 08 17.4 +0.8
J19K	Poorman baz=338,SNR=14	58.73	17	P	P	23 08 17.6 +1.0
J20K	Nowinta River baz=339,SNR=22	58.80	16	P	P	23 08 18.2 +1.1
POKR	Poker Plat Res POKR	58.85	12	P	I	23 08 18.7 +1.4
POKR	Poker Plat Res comp=Z,28nm,0.8s	58.85	12	P	I	23 08 20.0
POKR	Poker Plat Res baz=343,SNR=9.9	58.85	12	P	P	23 08 18.8 +1.4
K13K	Kusilvak Mount baz=333	58.89	22	P	P	23 08 17.8 +0.2
MDM	Murphy Dome MDM	58.90	13	P	I	23 08 18.8 +0.2
MDM	Murphy Dome comp=Z,22nm,0.9s	58.90	13	P	I	23 08 20.3
I27K	Kandik River baz=347,SNR=17	59.01	9	P	P	23 08 19.8 +1.2
COLA	College COLA	59.03	13	P	P	23 08 20.4 +1.8
COLA	College baz=343	59.03	13	P	P	23 08 19.7 +1.2
J18K	Innoko River baz=337,SNR=13	59.04	17	P	P	23 08 19.1 +0.4
NEA2	Nenana baz=342,SNR=13	59.14	13	P	P	23 08 20.3 +0.9
I26K	Coal Creek Min baz=340	59.15	10	P	P	23 08 20.8 +1.4
K15K	Wolf Creek Mou baz=335,SNR=8.6	59.22	20	P	P	23 08 21.0 +1.0
ILAR	Eielson Array comp=Z,7.7nm,0.8s,baz=339,slow=8.1,SNR=58	59.25	12	P	P	23 08 20.9 +0.7
ILAR	Eielson Array comp=Z,7.7nm,0.8s	59.25	12	eP	P	23 08 21.3 +1.1
ILAR	Eielson Array comp=Z,8.0nm,0.8s	59.25	12	P	P	23 08 21.0 +0.9
CCB	Clear Creek Bu CCB	59.26	13	P	I	23 08 21.0 +0.9
CCB	Clear Creek Bu comp=Z,27nm,1.0s	59.26	13	P	I	23 08 22.4
KIBK	Kibwezi KIBK	59.27	203	P	I	23 08 21.3 +0.4
KIBK	Kibwezi comp=Z,36nm,1.5s	59.27	203	P	P	23 08 22.0 +1.0
I28M	Miner Creek baz=348,SNR=35	59.31	9	P	P	23 08 21.8 +1.1
BPAW	Bear Paw Mtn. BPAW	59.35	14	P	I	23 08 21.3 +0.4
BPAW	Bear Paw Mtn. comp=Z,24nm,1.0s	59.35	14	P	I	23 08 22.7
BPAW	Bear Paw Mtn. baz=341,SNR=3	59.35	14	P	P	23 08 21.4 +0.5
CHUM	Lake Minchumin baz=340	59.36	15	P	P	23 08 22.2 +1.3
H31M	Peel River baz=352,SNR=9.3	59.37	6	P	P	23 08 21.4 +0.4
WRH	Wood River Hill WRH	59.39	13	P	I	23 08 21.9 +0.8
WRH	Wood River Hill comp=Z,33nm,1.1s	59.39	13	P	I	23 08 23.2
K17K	Iditarod baz=337,SNR=9.2	59.45	18	P	P	23 08 22.2 +0.6
BWN	Brown I29M	59.49	14	P	P	23 08 23.1 +1.2
I29M	Ogilvie Camp baz=349,SNR=39	59.53	8	P	P	23 08 22.8 +0.7
MBAR	Mbarara MBAR	59.57	212	P	P	23 08 23.0 -0.1
MBAR	Mbarara comp=Z,30nm,1.1s	59.57	212	P	P	23 08 24.0 +0.9
MBAR	Mbarara comp=Z,30nm,1.1s	59.57	212	P	P	23 08 23.0 -0.1
J25K	Salcha River baz=345,SNR=21	59.58	11	P	P	23 08 23.4 +0.8
K20K	Telida baz=339,SNR=26	59.58	16	P	P	23 08 23.4 +0.9
HDA	Harding Lake HDA	59.59	12	P	I	23 08 23.0 +0.4
HDA	Harding Lake comp=Z,20nm,0.8s	59.59	12	P	I	23 08 24.7
HDA	Harding Lake baz=344,SNR=16	59.59	12	P	P	23 08 22.8 +0.3
L15K	Ungalak Mounta baz=335	59.78	21	P	P	23 08 24.4 +0.6
I30M	Mount Dempster	59.81	7	P	P	23 08 24.9 +0.7

L14K	Kuka Creek baz=350,SNR=68	59.84	21	P	P	23 08 24.8 +0.6
EGAK	Eagle baz=334,SNR=10	59.86	9	P	I	23 08 25.4 +1.0
EGAK	Eagle comp=Z,39nm,1.2s	59.86	9	P	I	23 08 26.5
EGAK	Eagle	59.86	9	P	P	23 08 25.3 +1.0
J26L	Edge Creek Joseph Creek baz=342,SNR=14	59.89	11	P	P	23 08 25.6 +0.9
M11K	Mekoryuk baz=332	59.92	24	P	P	23 08 25.7 +1.0
MCK	McKinley baz=332	59.98	13	P	P	23 08 25.8 +0.5
L17K	Donlin baz=337,SNR=12	59.99	19	P	P	23 08 25.9 +0.6
KULM	Kulim KULM	60.09	129	P	I	23 08 25.2 -1.3
KULM	Kulim comp=Z,24nm,0.9s	60.09	129	P	I	23 08 28.1
KULM	Kulim	60.09	129	P	P	23 08 27.4 +0.8
L16K	Uwhat River baz=336,SNR=8.6	60.12	249	P	P	23 08 26.7 -0.3
TORD	Torodi Ar. Bea TORD	60.16	249	P	P	23 08 27.0 0.0
TORD	Torodi Ar. Bea comp=Z,41nm,1.0s,baz=221,slow=6.2,SNR=153	60.16	249	P	P	23 08 27.0 0.0
TORD	Torodi Ar. Bea comp=Z,41nm,1.0s,baz=221,slow=6.2,SNR=153	60.16	249	P	LR	23 39 48.0
TORD	Torodi Ar. Bea comp=Z,41nm,1.0s,baz=221,slow=6.2,SNR=153	60.16	249	P	LR	23 39 48.0
L18K	Granite Mounta baz=338,SNR=12	60.20	18	P	P	23 08 27.2 +0.5
RND	Reindeer RND	60.31	14	P	I	23 08 27.9 +0.3
RND	Reindeer comp=Z,20nm,0.7s	60.31	14	P	I	23 08 29.0
RND	Reindeer	60.31	14	P	P	23 08 27.9 +0.3
RND	Reindeer comp=Z,20nm,0.7s	60.31	14	P	P	23 08 29.0
K24K	Donnelly Dome baz=343,SNR=35	60.32	12	P	P	23 08 28.1 +0.6
SCRK	Sand Creek SCRK	60.35	11	P	P	23 08 28.1 +0.2
SCRK	Sand Creek baz=346	60.35	11	P	P	23 08 28.6 +0.7
J29N	Kloikite Camp baz=349	60.44	8	P	P	23 08 29.3 +0.9
L20K	Farwell, AK baz=339,SNR=12	60.44	16	P	P	23 08 29.1 +0.7
J30M	Hart River baz=350,SNR=18	60.46	7	P	P	23 08 29.3 +0.6
RIDG	Independent Ri RIDG	60.49	11	P	I	23 08 29.3 +0.5
RIDG	Independent Ri comp=Z,52nm,1.0s	60.49	11	P	I	23 08 30.8
RIDG	Independent Ri baz=339,SNR=34	60.49	11	P	P	23 08 29.4 +0.7
K27K	Chicken baz=347	60.50	10	P	P	23 08 29.6 +0.9
M14K	Bethe baz=335,SNR=5.7	60.53	21	P	P	23 08 29.5 +0.6
M13K	Dall Lake baz=334	60.54	22	P	P	23 08 30.2 +1.2
L19K	White Mountain baz=334,SNR=16	60.55	17	P	P	23 08 29.8 +0.6
DAWY	Dawson DAWY	60.72	9	P	I	23 08 30.9 +0.5
DAWY	Dawson comp=Z,30nm,0.8s	60.72	9	P	I	23 08 32.2
DAWY	Dawson baz=330,SNR=30	60.72	9	P	P	23 08 30.8 +0.5
DHY	Denali Highway DHY	60.82	13	P	P	23 08 30.8 -0.3
DHY	Denali Highway baz=344,SNR=20	60.82	13	P	P	23 08 31.0 -0.1
M17K	Hollita River baz=337,SNR=18	60.83	19	P	P	23 08 31.9 +0.9
M15K	Kasigluk River baz=336,SNR=11	60.84	21	P	P	23 08 31.8 +0.6
M16K	Timber Creek baz=337,SNR=13	60.89	20	P	P	23 08 32.3 +0.9
M19K	Big River Log baz=339,SNR=15	60.89	17	P	P	23 08 32.5 +1.0
WAT1	Susitna Watana baz=343	60.90	14	P	P	23 08 31.1 -0.4
IPM	Ipo IPM	60.98	129	P	P	23 08 31.6 -1.1
IPM	Ipo IPM	60.98	129	P	P	23 08 32.4 -0.2
M18K	Stony River baz=338,SNR=18	61.03	18	P	P	23 08 33.1 +0.7
CUT	Chulitna CUT	61.07	15	P	P	23 08 32.6 0.0
CUT	Chulitna baz=342,SNR=7.6	61.07	15	P	P	23 08 32.6 0.0
K29M	Barlow Dome baz=350,SNR=35	61.09	8	P	P	23 08 33.7 +0.8
M20K	King Salmon baz=340	61.12	16	P	P	23 08 33.4 +0.3
PAX	Paxson baz=345,SNR=26	61.16	12	P	P	23 08 33.3 -0.1
WAT6	Susitna Watana baz=343,SNR=7.9	61.25	13	P	P	23 08 33.9 -0.1
SKT	Skwentna SKT	61.28	15	P	I	23 08 34.2 +0.1
SKT	Skwentna comp=Z,47nm,1.0s	61.28	15	P	I	23 08 35.8
SKT	Skwentna baz=341,SNR=31	61.28	15	P	P	23 08 34.0 -0.1
N14K	Kuskokwak Cree baz=335,SNR=8.9	61.34	21	P	P	23 08 35.1 +0.7
L26K	Log Cabin Wild baz=346,SNR=11	61.35	11	P	P	23 08 35.6 +1.0
N16K	Nishlik Lake baz=337,SNR=13	61.43	20	P	P	23 08 35.9 +0.8
N15K	Kwethluk River Kilae Creek baz=339,SNR=14	61.45	21	P	P	23 08 36.3 +1.0
L27K	Beaver Creek baz=347,SNR=29	61.48	10	P	P	23 08 36.6 +1.2
BCAR	Beaver Creek A PSI	61.48	10	P	P	23 08 36.4 +1.0
PSI	Prapat PSI	61.55	132	P	P	23 08 35.6 -1.0
PSI	Prapat PSI	61.55	132	P	P	23 08 34.8 -1.8
RPSI	Rantau Prapat RPSI	61.64	132	P	I	23 08 34.8 -2.3
RPSI	Rantau Prapat comp=Z,16nm,0.7s	61.64	132	P	I	23 08 36.3
N17K	Nushagak Hills baz=338,SNR=8.1	61.68	19	P	P	23 08 37.7 +0.9
M22K	Willow baz=342	61.71	15	P	P	23 08 36.7 -0.2
SCHO	Schefferville SCHO	61.73				

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Table with columns: Call Sign, Name, Frequency, Power, Mode, Date, Time, and other details. Includes stations like PLBC Pleasant Camp, FALS False Pass, P32M Atlin, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Date, Time, and other details. Includes stations like MSO Missoula, O53A New Philadelph, O53A New Philadelph, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Date, Time, and other details. Includes stations like W18A Petrified Fore, PFO Pinyn Flats O, TPFO Pinon Flats, etc.

Table with columns: LEFP, PUYLOUBIER, 0.90 215 Pg, Pg, 23 01 20.0 -0.1, etc.

MIRAS 04 23:14:23.0, 54.90N, 57.96E, h10km, ML2.6/3
ISC 04 23:14:20.5, 1.0, 54.78N, 57.05E, h10km, n6,
r122/2C-3D, UR1 Mountains region

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

MIRAS 04 23:19:17.0, 54.66N, 58.05E, h10km, ML2.8/2
ISC 04 23:19:14.0, 1.0, 54.76N, 58.05E, h10km, n6,
r163/11, 1C-3D, UR1 Mountains region

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

IDC 04 23:22:19.9, 1.1, 67.79N, 20.63E, h0km, mbtmp2.8/4,
ML2.2/4, Error ellipse: s-maj=17.7km s-min=6.6km
bz=122.0

UPP 04 23:22:19.5, 0.1, 67.84N, 20.16E, h0km, ML1.7, Unknown
HEL 04 23:22:20.0, 0.2, 67.83N, 20.16E, h0km, ML1.7, Suspected
explosion

ISC 04 23:22:18.5, 0.6, 87.81N, 0.03, 20.07E, 0.04, h0km, n27,
r1520/44, Sweden

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

HFS comp=2.0,2nm,0.3s,baz=18,slow=28,SNR=2.6
comp=2.0,4nm,0.4s

BUJ 04 23:22:50.7, 0.0, 29.15S, 74.25E, h19km, mb4.8/53,
mB5.4/23, mS5.3/52, mS7.5/151
IDC 04 23:22:51.2, 0.4, 28.89S, 74.60E, h0km, mb4.7/27,
mbtmp4.7/27, MS4.7/53, Error ellipse: s-maj=15.2km
s-min=13.8km az=72.0
MOS 04 23:22:51.7, 0.9, 28.82S, 74.63E, h11km, mb5.3/33,
MS4.7/4, Error ellipse: s-maj=10.8km s-min=6.3km
az=97.8

NEIC 04 23:22:54.1, 28.89S, 74.50E, h12km, Moment Tensor
Solution. Duration: 266 Moment tensor: Scale 10^17Nm;
Mn:1.15; Mw:0.51; Mw0:0.64; Mw0.94; Mw0.46; Mw0.82;
Fault plane solution: M1:66000x1017 NP1:
e1:133.42000; e2:36000; e3:6440000; NP2:
e1:93.43000; e2:940000; e3:99.36000; Principal axes: T
1.7222, Plg65.0000, Azm37.0000; N -1.0217,
Plg3.0000, Azm135.0000; P -1.6005, Plg24.0000,
Azm226.0000;

NEIC 04 23:22:54.1, 2.6, 28.9S, 0.1:74.5E, 0.1, h10km, 1km,
mb5.3/112, Mw5.4/33 Error ellipse: s-maj=17.3km
s-min=15.3km az=195.0
GCMT 04 23:22:54.1, 0.1, 28.93S, 0.0:1:74.60E, 0.01, h12km,
MW5.3/149, Moment Tensor Solution. s109,c170;
s149,c303; Duration: 152 Moment tensor: Scale 10^17
Nm; Mn:1.94; Mw:0.51; Mw0:0.53; Mw0.94; Mw0.46; Mw0.82;
Mw0.04; Mw0.58; Mw0.1; Mw0.35; Mw0.04; Best double
couple: M1:34700x1017 NP1:e1:149.0000; e2:352.0000;
e3:99.0000; NP2:e1:315.0000; e2:839.0000; e3:79.0000;
Principal axes: T 1.3980, Plg30.0000, Azm100.0000; N
-0.0990, Plg7.0000; Azm234.0000; P -1.2970,
Plg7.0000, Azm233.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment rate function

NEIC 04 23:22:54.1, 28.89S, 74.50E, h12km
ISC 04 23:22:53.1, 0.3, 28.91S, 0.05, 74.39E, 0.05, h10km, n472,
r1516/437, mB5.1/162, MS4.8/74, 22C-20D, Mid-Indian
Ridge

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

Table with columns: KMBO, Kiliama Mbogo, 44.91 301 eP, P, pmax, 23 31 11.4 +2.8, etc.

Table with columns: TAM, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Tamnarrasset, Elena, Belogoroye, etc.

Table with columns: RNP5, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Starji Chorot, Norcia, Yhne, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Ouen Toro, Alice Springs, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Azeri, Yardiim, etc.

s158,c329: Duration: 1s6 Moment tensor: Scale 1017
Mm: M+3.07z: 0.4; Mw: 0.28z: 0.3; Mw: 3.35z: 0.3;
Nw: 0.45z: 0.6; Mw: 0.51z: 0.2; Mw: 1.29z: 0.5; Best double
couple: Mw: 3.52z: 0.1017; NP1: 1.3z: 0.0000; delta: 0.0000;
lambda: 0.0000; NP2: 1.8z: 0.0000; delta: 0.0000; lambda: 0.0000;
Principal axes: T 3.360, P1g78.0000, Azm303.0000; N
0.3260, P1g5.0000, Azm190.0000; P -3.6850,
P1g11.0000, Azm99.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 05:00:36:25.0-0.15:485-0.05:24:89W+0.05:h28km,n299,
c1945/568,mb3.3/73,MIS4,4/398,14C-SD, South

Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like HOPE, VNA1, VNA3, etc.

Table with columns: VAO, Iamb, Iamb, 00 43 49.9, etc. Lists various stations like VAO, BO01, PTGB, etc.

Table with columns: DULL, Iamb, Iamb, 00 45 32.4, etc. Lists various stations like DULL, LEPH, NBCA, etc.

5d 0h

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Table with columns: SDV, SDV, PAYG, RPZ, LTZ, FDF, TKNZ, RKT, RKT, MSEY, URZ, SEUS, TOZ, LCR2, IGRP, HUMP, SJG, NWAO, JTS, FURI, TAM, BOAB, BOAB, SDDR, CAN, TBI, TBI, FORT, GTBY, ATD, CHIV, STKA, STKA, MTO3, RAO, CBCY, APG, HUEH, PPT2, PPT2, PPT2, PPT2, RAR, CCIG, CMT, SOR, CMIG, TAOE, SFS, 061Z, ASAR, ASAR, ASAR, 060A, CART, KEST, KEST, DZM, DZM, DZM, DZM, ESDC, ESDC, WRA, 257A, 255A, GHJ, 154A, ZAG

Table with columns: W59A, HODGE, Y52A, KMSC, BG3, U56A, W52A, CAMP, FDM, SBO, SWET, MTN, ZCCA, PRMA, M63A, V48A, L64A, PAL, CLTN, U49A, UCCT, MET, WVT, HPIG, L61B, BKNI, T47A, R50A, GAZ, HBAR, GNAR, PEBM, STAL, LCAR, G65A, BRTR, BRTR, PRED, FCAR, ECH, ALLY, VT1, BFO, T42A, M52A, O48B, ARPR, MGMO, STU, WLF, S39A, OK052, R40A, GURO, P43A, OK029, CKR0, KHC, ZVC, TREC, OK038, PRU, PRA, HSKK, PVCC, OKK, DPC, 121A, 121A, UPC, CHVC, OSTC, GNI, Y40A, Y22D, TUC, SCIA, ANMO, 214A, T25A, L34A, X18A, KIV, KIV, KIV

Table with columns: KIV, BGNE, VTX, W18A, SDCO, X16A, S22A, S22A, AKASO, AKKB, RABL, MVCO, CBX, TPFO, U15A, HMU, N23A, PKCU, MYLDH, MTPU, SRU, Q16A, MNK, MNK, MNK, MNK, MNK, MNK, P18A, P17A, TCRU, RDMU, K22A, RSSD, RSSD, TPNV, TPNV, PSUT, BSUT, MPU, S11A, JLU, SPR3, CTU, R11B, HFS, HFS, NIL, NIL, DUG, TCUT, MDND, NB2, NB2, NOA, NOA, PDAR, HWUT, HWUT, BGU, ULM, CMAR, CMAR, OMMB, AHID, NVAR, PHRA, ELK, KVN, TPWA, SIMJ, FWXY, WAKR, FLYW, RLMT, PNTR, YNR, DGM, YMR, YHH, YHB, PAHR

5d 0h

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Table with columns: ID, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like H27K Steamboat Moun, DL2 Dalian, DL2 comp=Z,510nm,20.1s, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like D25K Kavir River, MCK McKinley, H24K Woodor Dome, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Value, Unit, Status, Date. Includes entries like N18K Kilae Creek, J20K Nowinta River, J20K Nowinta River, etc.

Table with columns: Code, Station Name, Az, El, P, PKPab, Time, Res. Includes stations like L14K Kukka Creek, E17K Hotham Inlet, M13K Dall Lake, etc.

KRNET 05:00:42:50.2-0.1, 39.55N:76.89E, mb2.9
SOME 05:00:42:52.0, 39.63N:77.00E, h0km
NMC 05:00:42:52.0-2.4, 39.60N:76.92E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=16.3km s-min=12.8km az=169.0
ISC 05:00:42:53.8-1.6, 39.67N:0.07:76.81E:0.04, h10km, n42,
c2509/67, 13C-19, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like NRN Naryn, TARG Taragay, KDJ Kajiasy, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like CHMS Chumysh, UZB Uzynbulak, KURS Kurun, etc.

IDC 05:00:43:11.0-0.7, 58.19S:24.93W, h0km, mb4.4/8,
mbmp4.5/10, ML-4.5/2, Error ellipse: s-maj=23.6km
NEIC 05:00:43:12.1-1.6, 58.35S:0.1:24.9W:0.3, h10km, 1km,
mb5.0/37, Error ellipse: s-maj=26.7km s-min=17.9km
az=69.0
ISC 05:00:43:14.1-0.4, 58.46S:0.07:24.78W:0.10, h28km, n240,
c1534/241, mb4.9/22, 8C-3D, South Sandwich Islands
region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like PTLB Vilhena, LPAZ La Paz, SAML Samuel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include BMRM Bremner River, F28M Old Crow, L26K Log Cabin Wild, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include M19K Big River Lodg, F22K John River, CHNA Chernabura Isl, etc.

MIRAS 05:00:47.51.0, 54.61N-58.35E, h10km, ML2.7/3
INC 05:00:47.56.4+0.54.49N-58.07E, h0km, mb3.6, mpv3.2,
Error ellipse: s-maj=34.2km s-min=14.1km az=136.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include BA1R Ufa, BA1R 201nm,0.4s,BAZ=270, BA1R 215nm,0.3s,BAZ=270, etc.

ICD 05:00:49.49.1s 1.5, 10.68Sx124.45E, h0km, mb3.9/4,
mbmp3.9/6, ML3.6/2, MS4.7/1, Error ellipse:
s-maj=205.5km s-min=23.2km az=56.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include BATI Baumenta, SOEI Soc, MMRI Matumere, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MKAR Makanchi Array, ZALV Zalevo Beam, KURBE Kurchatov Arra, BELG Belogormoye

IDC 05:00:50.12.3-0.6.58.34S:24.99W, h0km, mb4.3/10,
mbmp4.3/12, ML4.5/2, Error ellipse: s-maj=21.1km
s-min=18.0km az=52.0

NEIC 05:00:50.13.9-1.9.58.3S:0.1x24.8W:0.3, h10km, 1km,
mb4.7/35, Error ellipse: s-maj=26.2km s-min=18.4km
az=66.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-2, SNA4 Sanae, SNA5 Sanae, SNA6 Sanae, etc.

243	KURK Kurchatov	23.99 60 P	P	03 04 58.7 -0.2
HFS Hagfors	25.29 323 P	P	03 05 10.3 -0.3	
comp=N,1.4nm,0.7s,baz=108,slow=9.8,SNR=7.1				
MKAR Makanchi Array	26.47 69 P	P	03 05 22.8 +1.3	
comp=N,0.4nm,0.7s,baz=293,slow=7.5,SNR=2.6				
NOA NORSAR Array B	26.79 323 P	P	03 05 23.7 -0.5	
comp=N,0.3nm,0.8s,baz=115,slow=8.0,SNR=3.4				
comp=N,0.3nm,0.8s				

SOME 05 03:15:11.5,39°20N-77°02E,h5km
NNC 05 03:15:18.9,2.1,39°46N-76°91E,h0km,mb4.2,mpv3.9,
Error ellipse: s-maj=15.3km s-min=12.0km az=155.0
KRNET 05 03:15:19.0,0.1,39°11N-77°21E,mb4.3
ISC 05 03:15:22.4,0.8,39°21N-104°77.05E,0.03,h10km,n81,
s=198/97,42C-17D,Southern Xinjiang

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
TARG Taragay, Kyrgy	2.58 13U	eP	Pn	03 16 03.1 -1.5	
baz=10.0					
TARG		UeS	Sn	03 16 35.2 -1.0	
baz=10.0					
SFK Sufi-Kurgan	2.85 287	eP	Pn	03 16 07.9 -0.3	
baz=89					
SFK		UeS	Sn	03 16 43.6 +0.9	
baz=89					
KDJ Kajisy	2.91 21	eP	Pn	03 16 07.9 -1.1	
baz=60					
KDJ		UeS	Sn	03 16 43.6 -0.6	
baz=60					
ULHL Ulahol	3.09 349 P	P	Pn	03 16 12.3 +0.9	
SNR=53					
ULHL Ulahol	3.09 349	eP	Pn	03 16 10.8 -0.6	
baz=47					
ULHL		UeS	Sn	03 16 48.6 +0.1	
baz=47					
ARLS Aral	3.36 323	eP	Pn	03 16 14.9 -0.2	
baz=22					
ARLS		UeS	Sn	03 16 55.7 +0.5	
baz=22					
BOOM Booms koye usch	3.38 346	eP	Pn	03 16 14.9 -0.5	
baz=45					
BOOM		UeS	Sn	03 16 55.7 +0.1	
baz=45					
PRZ Przheval'sk	3.42 171	eP	Pn	03 16 14.7 -1.3	
baz=15					
PRZ		UeS	Sn	03 16 55.3 -1.4	
baz=15					
OHH Osh	3.53 293	eP	Pn	03 16 17.5 +0.1	
baz=94					
OHH		UeS	Sn	03 16 59.3 +0.1	
baz=94					
KBK Karagaybulak	3.79 336 P	P	Pb	03 16 25.4 -4.1	
SNR=12					
KBK Karagaybulak	3.79 336	eP	Pn	03 16 20.8 -0.2	
baz=35					
KBK		UeS	Sn	03 17 05.8 +0.1	
baz=35					
IZV Izvestkoviy	3.83 355 P	P	Pn	03 16 21.9 +0.3	
0.4nm,0.1s					
IZV		eS	Sb	03 17 12.7 -4.0	
110nm,0.8s					
IZV Izvestkoviy	3.83 355 P	P	Pn	03 16 24.2 +2.6	
0.2nm,0.1s					
IZV		Lg	Lg	03 17 17.3	
111nm,1.0s					
TKM2 Tokmak 2	3.86 344 P	P	Pn	03 16 21.7 -0.4	
SNR=6.9					
TKM2 Tokmak 2	3.86 344	UeP	Pn	03 16 24.8 +2.8	
23nm,0.6s					
TKM2		UeLg	Lg	03 17 10.1	
142nm,0.9s					
AML Almayashu	3.87 320 P	P	Pn	03 16 25.4 +3.1	
SNR=19					
AML Almayashu	3.87 320	eP	Pn	03 16 22.3 -0.1	
baz=20					
AML		UeS	Sn	03 17 08.5 +0.4	
baz=20					
KST Kastek	3.91 348 P	P	Pn	03 16 23.2 +0.5	
50nm,0.7s					
KST		eS	Sb	03 17 15.6 -3.4	
126nm,1.1s					
KST Kastek	3.91 348 P	P	Pn	03 16 23.2 +0.5	
50nm,0.7s					
KST		Lg	Lg	03 17 15.6	
126nm,1.1s					
AAK Ala-Archa	3.93 331 P	P	Pn	03 16 25.3 +2.4	
SNR=11					
AAK Ala-Archa	3.93 331 P	P	Pb	03 16 26.9 -5.0	
21nm,0.5s					
AAK		UeLg	Lg	03 17 14.6	
248nm,0.8s					
AAK Ala-Archa	3.93 331	UeP	Pn	03 16 22.8 -0.1	
baz=31					
AAK		UeS	Sn	03 17 09.3 +0.1	
baz=31					
MTBS Matube	3.94 353 P	P	Pn	03 16 24.8 +1.8	
3.4nm,0.2s					
MTBS		eS	Sb	03 17 17.6 -2.1	
96nm,0.7s					
MTBS Matube	3.94 353 P	P	Pb	03 16 27.0 -5.0	
19nm,0.4s					
MTBS		Lg	Lg	03 17 21.9	
96nm,0.7s					
MDOK Medeo	3.94 0 P	eP	Pn	03 16 24.0 +0.9	
44nm,0.6s					
MDOK		eS	Sb	03 17 16.9 -3.1	
78nm,0.7s					
MDOK Medeo	3.94 0 P	P	Pn	03 16 24.0 +0.9	
44nm,0.6s					
MDOK		Pg	Pb	03 16 29.6 -2.5	
47nm,0.7s					
MDOK		Lg	Lg	03 17 15.7	
189nm,0.8s					
MDOK		Lg	Lg	03 17 16.9	
78nm,0.7s					
KNCD Almaty	4.00 359	UeP	Pb	03 16 27.6 -5.4	
46nm,0.5s					
KNCD		UeLg	Lg	03 17 19.6	
166nm,0.8s					
KOTS Kotyrbulak	4.02 1 P	eP	Pn	03 16 26.2 +2.1	
63nm,0.9s					
KOTS		eS	Sb	03 17 20.5 -1.5	
172nm,0.6s					
KOTS Kotyrbulak	4.02 1 P	P	Pn	03 16 26.2 +2.1	
63nm,0.9s					
KOTS		Lg	Lg	03 17 20.5	
172nm,0.6s					
FRU1 Bishkek	4.03 334	eP	Pn	03 16 24.4 +0.2	
baz=33					
FRU1		UeS	Sn	03 17 12.1 +0.6	
baz=33					
DRK Karamyk	4.08 275	eP	Pn	03 16 24.7 -0.4	
baz=77					
DRK		UeS	Sn	03 17 12.7 -0.3	
baz=77					
ZHN Zhinshke	4.09 14 P	eP	Pn	03 16 26.6 +1.5	
23nm,0.7s					
ZHN		eS	Sb	03 17 21.2 -2.7	
71nm,0.7s					
ZHN Zhinshke	4.09 14 P	P	Pn	03 16 26.6 +1.5	
23nm,0.7s					
ZHN		Lg	Lg	03 17 21.3	
71nm,0.7s					
CHMS Chumysh	4.16 336 P	P	Pn	03 16 28.8 +2.8	
SNR=11					
CHMS Chumysh	4.16 336	UeP	Pn	03 16 28.2 +2.2	
8.9nm,0.5s					
CHMS		UeLg	Lg	03 17 21.3	
200nm,1.1s					
CHMS Chumysh	4.16 336	UeP	Pn	03 16 25.6 -0.4	
baz=35					
CHMS		UeS	Sn	03 17 14.5 -0.2	
baz=35					
UZB Uzynbulak	4.20 20 P	eP	Pn	03 16 29.0 +2.3	
70nm,0.7s					
UZB		eS	Sb	03 17 25.4 -1.9	
46nm,1.1s					
UZB Uzynbulak	4.20 20 P	P	Pn	03 16 29.0 +2.3	
70nm,0.7s					
UZB		Lg	Lg	03 17 25.4	
46nm,1.1s					
EKS2 Erkin-Say	4.24 325 P	P	Pn	03 16 30.3 +3.1	
SNR=14					
EKS2 Erkin-Say	4.24 325	UeP	Pn	03 16 27.2 0.0	
SNR=14					

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
EKS2	baz=25	UeS	Sn	03 17 16.9 +0.1	
baz=25					
SHLS Shalkode	4.34 24 P	eP	Pb	03 16 34.4 -4.5	
2.7nm,0.2s					
SHLS		eS	Pb	03 16 34.0 +2.7	
120nm,0.5s					
SHLS Shalkode	4.34 24 P	Pg	Pb	03 16 36.4 -2.4	
60nm,0.9s					
SHLS		Lg	Lg	03 17 38.1	
163nm,0.7s					
KURS Kuram	4.35 11 P	eP	Sb	03 16 31.1 +2.4	
58nm,0.9s					
KURS		eS	Sb	03 17 28.9 -2.7	
40nm,1.2s					
KURS Kuram	4.35 11 P	Pg	Pn	03 16 31.1 +2.4	
58nm,0.9s					
KURS		Lg	Lg	03 17 28.9	
40nm,1.2s					
KPKS Kokpek	4.42 16 P	eP	Pb	03 16 32.7 -7.6	
38nm,0.6s					
KPKS		eS	Sb	03 17 31.6 -2.0	
81nm,0.8s					
KPKS Kokpek	4.42 16 P	Pg	Pb	03 16 32.7 -7.6	
38nm,0.6s					
KPKS		Lg	Lg	03 17 31.6	
81nm,0.8s					
USP Oспенovka	4.48 335 P	P	Pn	03 16 34.0 +3.6	
SNR=8.0					
USP Oспенovka	4.48 335	UeP	Pn	03 16 30.3 -0.1	
baz=35					
USP		UeS	Sn	03 17 22.2 -0.4	
baz=35					
KTBS Karatobe	4.50 357 P	P	Pn	03 16 34.3 +3.6	
4.3nm,0.6s					
KTBS		eS	Sb	03 17 33.9 -2.0	
47nm,0.4s					
KTBS Karatobe	4.50 357 P	Pg	Pb	03 16 37.0 -4.5	
25nm,0.7s					
KTBS		Lg	Lg	03 17 38.6	
31nm,1.1s					
MRKS Merke	4.56 322 P	eP	Pn	03 16 35.0 +3.4	
21nm,0.6s					
MRKS		eS	Sb	03 17 35.6 -2.0	
118nm,0.6s					
MRKS Merke	4.56 322 P	Pg	Pn	03 16 35.0 +3.4	
21nm,0.6s					
MRKS		Lg	Lg	03 17 35.6	
118nm,0.6s					
KRBS Karabastau	4.59 347 P	eP	Pn	03 16 35.5 +3.5	
28nm,1.0s					
KRBS		eS	Sb	03 17 36.6 -1.9	
38nm,0.9s					
KRBS Karabastau	4.59 347 P	Pg	Pn	03 16 35.5 +3.5	
28nm,1.0s					
KRBS		Lg	Lg	03 17 36.6	
38nm,0.9s					
CHKK Chushlyk	4.64 359 P	eP	Pn	03 16 37.3 -6.5	
16nm,0.7s					
CHKK		eS	Sb	03 17 39.6 -0.1	
34nm,0.5s					
CHKK Chushlyk	4.64 359 P	Pg	Pb	03 16 37.3 -6.5	
16nm,0.7s					
CHKK		Lg	Lg	03 17 39.6	
34nm,0.5s					

5d 4h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like MLY Manley, E23K Chandalar, TOLK Toolik Lake Re, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like M14K Bethel, E17K Tukpahleirik C, G18K Kwialik Mouna, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like CO01 comp=Z,9.3nm,1.5s, AC05 Ei Transito, AC04 Llanos de Chal, etc.

AFAD 05 03:38:11.4,0.0,40.14N;38.22E, h13km, ML1.4
ISK 05 03:38:11.0,40.16N;38.24E, h6km, ML2.5/7
ISC 05 03:38:11.3,1.0,40.15N;0.04;38.24E;0.03, h13km, 7km,

MOS 05 04:03:50.5,0.9,69.67N;144.30W, h8km, mb4.6/22, Error ellipse: s-maj=26.0km s-min=6.9km az=94.2
IDC 05 04:03:51.3,0.6,69.70N;144.43W, h0km, mb4.1/20, mbmp4.1/24, ML4.1/4, MS3.4/5, Error ellipse: s-maj=16.5km s-min=10.3km az=61.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like SUSE Susehri, ALUC Giresun/Alucra, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like C27K Jago River, C27K Camden Bay, etc.

IDC 05 03:56:49.0,9.58;26S;25.20W, h0km, mb4.0/6, mbmp4.1/7, ML4.7/1, MS3.8/1, Error ellipse: s-maj=34.4km s-min=22.0km az=56.0
NEIC 05 03:56:55.2,2.0,58.35S;0.05;25.1W;0.3, h37km, 8km, mb4.4/23, Error ellipse: s-maj=20.1km s-min=7.0km az=100.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like VNA1 Neumayer-Steet, VNA3 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like G26K Porcupine River, G25K Bearman Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like L15K Ungalak Mounta, E18K Tukpahlearik C, M14K Bethel, G17K Kwiwalik Mounta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB14 IPOC Station P, LVC Limon Verde, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TABU Tabubil, PMG Port Moresby, PMG Port Moresby, etc.

IDC 05:05:10:19.6:0.4,58:29Sx25.03W,h0km,mb4.9/14, mbmp4.9/15,ML5.2/1, Error ellipse: s-maj=20.0km s-min=14.2km a=41.0

NEIC 05:05:10:25.0:1.6,58:3S:0.1:25:0W:0.2,h35km,1km, mb4.9/54, Error ellipse: s-maj=19.4km s-min=13.6km a=212.0

GCMT 05:05:10:28.0:0.2,58:54S:0:02:24:35W:0.02,h26km, MW5.2/126, Moment Tensor Solution. s93,c132; s126,c193; Duration: 0 Moment Tensor Scale 1017Nm; Mn:0.69±0.02; Mw:0.02±0.01; Mw-0.7±1.01; Mw:0.12±0.03; Mw-0.09±0.01; Mw:0.1±0.02; Best double couple: Mo:72600x1017 Np1±16.00000°, 651.00000°, 1.01,00000°. NP2±178.00000°, 840.00000°, 1.77.00000°. Principal axes: T 0.7170, P1g90.0000°, Azm335.0000°, N 0.0180, P1g9.0000°, Azm189.0000°, P -0.7360, P1g6.0000°, Azm98.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 05:05:10:25.0:0.3,58:26S:0:07:24:91W:0.07,h39km,4km, n139, a086/143,mb4.9/18,5C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA2 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOAV Boa Vista, MPGF Montagnes des, SLOSR San Lorenzo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, etc.

TAP 05:05:29:08.4,24:81N:122:40E,h15km,1km,ML3.3,C JMA 05:05:29:09.3:0.3,25:N2±122:4E:0.6,h33km,MV2.5/8, NW OFF ISHIGAKIUMA IS

ISC 05:05:29:07.5:1.2,24:82N:0:03:122:44E:0:02,h10km,11km, n67, a085/89, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like E0S2 E0S2, E0S2 E0S2, TWB1 Santiao Chiao, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NNSB Datong, NNS Nan Shan, NNS, etc.

SCB 05 05:32:05.9-1.0, 21.33S-67.11W, h203km, 11km, ML3.4/2, MW3.0, Error ellipse: s-maj=7.4km s-min=5.0km az=4.0

GUC 05 05:32:05.1-1.1, 34.5S-67.46W, h208km, 3km, ML3.5

ISC 05 05:32:05.1-1.1, 34.5S-67.46W, h208km, 3km, ML3.5

h196km, 17km, n23, o1948/31, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MOCB Mochara, AF01 San Pedro de A, LVC Limon Verde, etc.

IDC 05 05:34:54.2-1.3, 15.03S-167.80E, h0km, mb4.2/5, mbmp4.1/5, Error ellipse: s-maj=4.17km s-min=3.4km az=162.0

NOU 05 05:35:12.1, 15.31S-167.46E, h105km, ML4.6/11, Vanuatu Islands

ISC 05 05:35:11.1-1.2, 15.2S-167.5E, h129km, n20, o555/21, mb4.4/8.5, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like VLAKA Lakatoro, DVP Devils Point, LIFOC LIFOC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TROLL Troil, Antarti, SNA A Snae, etc.

MIRAS 05 05:35:51.0, 54.73N-58.10E, h10km, ML2.8/4, NNC 05 05:35:51.1, 3.9, 54.68N-58.37E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=32.8km s-min=13.3km az=133.0

ISC 05 05:35:50.7-1.1, 54.73N-58.04E, h58.09E, 0.05, h10km, n7, o15/10/14, 5C-3D, Ural Mountains region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BA1R Ufa, BA1R, ARU, etc.

NERS 05 06:06:49.7, 63.98N-174.30E, h4km, IDC 06 06:54.6-3.2, 64.53N-173.74E, h0km, mb3.8/5, mbmp3.7/6, ML3.2/1, Error ellipse: s-maj=84.6km s-min=29.5km az=12.0

ISC 05 06:06:52.8-0.8, 64.15N-109.174, 11E, 0.04, h10km, n13, o25/25/19, mb3.7/5, Eastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ANDR Anadyr, ANDR, BILL, etc.

JMA 05 06:14:34.0-1.1, 23.1N-121.1E, h32km, 2km, MV3.6/13, TAIWAN REGION

TAP 05 06:14:34.0-1.1, 22.65N-120.66E, h28km, ML3.5, B

ISC 05 06:14:34.0-1.1, 22.62N-120.65E, 0.02, h31km, 4km, n128, o1917/243, 1C, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MASBT Mashbuluo, MASBT, TSMC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ECL, TW1 Shoushan, TW1, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like KURBB, KURKB, KURBB, KURKB, KURKB, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like BUR08, MORS, RAKU, WMO, KWP, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like PLAI, TWSI, TWSI, TWSI, TWSI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Taimali, Lan-yu, Changbin, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA3, VNA2, VNA1, etc.

IDC 05 08:20:16.5:6.4, 36.34N:71.46E, h84km, 53km, mb3.4/5, mbtmp3.8/10, ML3.6/5, Error ellipse: s-maj=60.8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31, KK31, AAK, etc.

IDC 05 08:30:10.4:3.2, 53.62N:18.73E, h0km, mbtmp3.2/2, ML2.8/2, Error ellipse: s-maj=29.6km s-min=18.5km

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

IDC 05 08:47:33.2:0.9, 0.86N:118.61E, h0km, mb4.1/7, mbtmp4.1/7, MS3.1/4, Error ellipse: s-maj=106.1km

IDC 05 08:47:35.3:1.3, 0.94N:106.118:70E:0.08, h10km, 1km, mb4.3/14, Error ellipse: s-maj=16.4km s-min=6.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMKI, SMKI, TOL12, etc.

NEIC 05 08:17:54.2:2.1, 18.0S:0.2:177.9W:0.1, h565km, 6km, mb4.8/24, Error ellipse: s-maj=23.9km s-min=12.5km

IDC 05 08:17:55.9:1.4, 17.92S:177.99W, h586km, 16km, mb3.4/13, mbtmp4.3/15, Error ellipse: s-maj=17.9km

NOU 05 08:18:06.6, 18.15S:178.96W, h850km, mb4.8/22, Fiji

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Nonsavu, Warramunga Arr, ASAR, TXAR.

IDC 05 09:57:05.6-4.5, 5.19S-132.15E, h0km, mb4.3/2, mbtmp3.9/4, ML3.7/2, Error ellipse: s-maj=321.9km s-min=28.4km az=75.0, Aru Islands region

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

IDC 05 09:57:27.0-7.9, 37.47N-71.75E, h125km, 55km, mb3.5/3, mbtmp4.0/9, Error ellipse: s-maj=69.8km s-min=45.5km az=166.0

NNC 05 09:57:28.1-4.0, 37.68N-71.45E, h219km, 68km, mb3.1, mpv4.4, Error ellipse: s-maj=41.9km s-min=24.7km az=15.0

IDC 05 09:57:24.4-2.1, 37.33N-02.715E, h109km, n21, 1520/26, mb3.8/3, 3C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AML, UCH, EKSZ, AAK, MKAR, KURBB, AB31, BVAR, AKTO, ARCES, HFS, NOA.

NOU 05 10:12:17.8, 18.42S-128.24E, h0km, mb4.2/10, Western Australia

AUST 05 10:12:24.6-0.3, 19.52S-12.8E, h10km, ML3.4/4, Error ellipse: s-maj=6.0km s-min=5.0km az=101.5

IDC 05 10:12:27.1-6.4, 19.13S-128.23E, h0km, mbtmp3.3/3, ML3.3/3, Error ellipse: s-maj=57.2km s-min=43.0km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ, KNRA, WRKA, ASAR, WRA, MTN, AS31, ASAR, KDU, MBWA, PSAO, PSA0, QSD, MEEK, FORT, MULG, GIRL, KMBL.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like INKA, LCRK, BLDU, BB00, STKA.

NNC 05 10:30:55.3-1.1, 52.04N-75.42E, h0km, mb2.6, mpv2.3, Error ellipse: s-maj=26.8km s-min=6.4km az=26.0, Suspected Mining explosion, IDC 05 10:30:59.8-1.1, 51.63N-75.69E, h0km, mbtmp2.7/3, ML1.8/3, Error ellipse: s-maj=37.8km s-min=8.8km az=29.0

IDC 05 10:30:55.2-1.0, 51.77N-01.17505E, h0km, n9, 0566/11, 5C-3D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURBB, MKAR, BVAR, BRVK, I46RU, ZALV, MKAR.

IDC 05 10:31:41.0-3.5, 53.67N-90.86E, h0km, mbtmp3.2/3, ML2.6/3, Error ellipse: s-maj=33.3km s-min=25.0km az=27.0

IDC 05 10:31:43.4-4.8, 53.73N-02.911E, h0.3, h35km, n6, 0577/6, 3C-1D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, MK31, MAKZ, MKAR.

IDC 05 10:32:03.4-0.9, 69.48N-0.003-144.30W, h10km, n45, 0213/51, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like C27K, C26K, D25K, D27M, C24K, E27K, F26K, E28M, F25K, D28M, TOLK, E24K, C23K, F24K, E23K, F28M, E29M, G25K, G27K, D22K, COLD, B22K, H27M, G29K, F30M, C21K.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H24K, H29M, PRP, I27K, F21K, EPYK, I28M, G31M, I23K, EGAK, F20K, J25K, H21K, C19K, SCRK, K24K, J30M, G19K.

IDC 05 10:36:32.5-7.6, 21.95S-176.94W, h310km, 75km, mb3.2/4, mbtmp4.0/5, Error ellipse: s-maj=35.1km s-min=27.2km az=170.0

IDC 05 10:36:27.0-0.9, 21.55S-02.2-177.1W, h20, h250km, n9, 0151/9, mb3.4/5, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ, ASAR, WRA, GQSA, TXAR, ILAR.

ARCES ACCESS Array B 130.02 350 PKP PKPdf 10 55 06.1 -1.0

AKASG Malin Array Be 144.26 331 PKP PKPab 10 55 30.8 -0.8

EKA Esklelmuir Ar 145.89 6 PKPb 10 55 37.0 -0.7

GUC 05 10:52:40.5-0.8, 21.29S-68.02W, h162km, 8km, ML3.3

SCB 05 10:52:41.5-1.5, 21.22S-67.92W, h143km, 18km, ML3.4/4, Error ellipse: s-maj=10.0km s-min=4.2km az=0.0

IDC 05 10:52:39.4-1.9, 21.30S-0.05-68.01W, h0.4, h164km, 19km, n16, 0151/26, 1C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC, GO01, GO01, GO01, HMB, TA01, MOCB, PB04, YJA, SOEO, SOET, AOE, AOE, SOEJ, BB0E, LPAZ, LPAZ, LPAZ.

NEIC 05 11:00:55.4-0.9, 18.4S-0.2-169.7E, h10km, mb4.0/16, Error ellipse: s-maj=24.6km s-min=15.4km az=163.0

IDC 05 11:01:00.8-3.0, 18.85S-169.38E, h253km, 26km, mb3.6/7, mbtmp4.2/8, Error ellipse: s-maj=24.9km s-min=22.8km az=109.0

NOU 05 11:01:02.0, 18.83S-169.54E, h176km, MLV4.1/12, Vanuatu Islands

IDC 05 11:00:57.8-1.0, 18.7S-0.1-169.6E, h240km, n43, 0579/41, mb4.0/15, 4C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTV, LFNC, MARNC, VLAKA, YATNC, PINNC, PINNC, DZM, DZM, DZM, NOUC, ONTNC, ONTNC, KOUNC, EIDS, ARMA, ARMA, CTAO, CTAO, TOO.

ISN 05 14:11:28.5:1.0,34.65N:46.19E,h16km,6km,ML3.0
TEH 05 14:11:29.7,34.59N:46.15E,h8km,24km,ML3.0
ISC 05 14:11:29.7:1.1,34.61N:0.03:46.17E:0.03,h11km,10km,
n19,e087/24,Western Iran

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Dehresh, Ghaleghazi, Ghasr-e-Shirin, Gilan-e-Gharb, etc.

UPP 05 14:24:29.0:0.5,67.82N:19.97E,h0km,ML2.3,Confirmed
Induced event
BER 05 14:24:30.6:0.3,67.72N:20.33E,h0km,ML1.3,Suspected
explosion

HEL 05 14:24:29.0:0.3,67.80N:20.09E,h0km,ML1.4,
Explosion,Sweden

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Salmi, Salfotuoka, Lannavaara, Pajala, etc.

IDC 05 14:33:57.8:4.3,22.50N:143.84E,h92km,35km,mb3.3/6,
mbmp4.7/8,Error ellipse: s-maj=100.3km s-min=23.3km
az=79.0

ISC 05 14:33:55.0:2.0,22.20N:142.8E:0.5,h35km,n8,
e193/9,mb3.8/5,VolcanO1x142.8E:0.5,h35km,n8,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Chichijima, Matsushiro Arr, Kora Arr, etc.

VAO 05 14:41:27.8:0.3,21.68S:68.28W,h113km,4km,mb4.6
GUC 05 14:41:27.8:0.3,21.72S:68.42W,h122km,7km,ML3.9
IDC 05 14:41:27.2:0.7,21.78S:68.17W,h111km,6km,mb3.6/7,
mbmp4.0/10,MS3.2/1,Error ellipse: s-maj=19.0km
s-min=13.4km az=135.0

NEIC 05 14:41:27.2:9.2,21.77S:0.06:68.57W:0.09,h125km,8km,
mb4.3/10,ML3.9(GUC),Error ellipse: s-maj=11.8km
s-min=7.8km az=135.0

SJA 05 14:41:28.3:1.7,21.82S:68.53W,h100km,ML4.0,MW4.1
ISC 05 14:41:27.3:0.6,21.73S:0.03:68.38W:0.05,h123km,6km,
n103,e173/125,mb3.9/7,4C-2D,Chile-Bolivia border
region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like IPOC Station P, Limon Verde, San Pedro de A, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Diego Aracena, Diego Aracena, Diego Aracena, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Chuzmiza, Chuzmiza, Chuzmiza, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Yavi, Yavi, Yavi, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Mina Guanaco, Mina Guanaco, Mina Guanaco, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like San Lorenzo, San Lorenzo, San Lorenzo, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like La Paz, La Paz, La Paz, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like La Paz, La Paz, La Paz, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like El Pedregal, La Banda, Boli, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vila Bela da S, Vila Bela da S, Vila Bela da S, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vilna, Vilna, Vilna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vilna, Vilna, Vilna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vilna, Vilna, Vilna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vilna, Vilna, Vilna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vilna, Vilna, Vilna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vilna, Vilna, Vilna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vilna, Vilna, Vilna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vilna, Vilna, Vilna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vilna, Vilna, Vilna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vilna, Vilna, Vilna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vilna, Vilna, Vilna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vilna, Vilna, Vilna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Vilna, Vilna, Vilna, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Green Lake, Green Lake, Green Lake, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Raoul Island, Raoul Island, Raoul Island, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Pakihiroa, Pakihiroa, Pakihiroa, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Te Kaha, Te Kaha, Te Kaha, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like White Island, White Island, White Island, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Raukumara Rang, Raukumara Rang, Raukumara Rang, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Great Barrier, Great Barrier, Great Barrier, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Tautahareparea, Tautahareparea, Tautahareparea, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Kuaotunu, Kuaotunu, Kuaotunu, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Whales Island, Whales Island, Whales Island, etc.

comp=2.1,5nm,0.6s,baz=270,slow=3.8,SNR=16
comp=2.1,5nm,0.6s
MKAR Makanchi Array 145.53 36 PKPbc PKPab 15 00 51.8 +0.1
comp=2.0,7nm,0.8s,baz=343,slow=4.5,SNR=2.1

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Green Lake, Green Lake, Green Lake, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Raoul Island, Raoul Island, Raoul Island, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Pakihiroa, Pakihiroa, Pakihiroa, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Te Kaha, Te Kaha, Te Kaha, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like White Island, White Island, White Island, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Raukumara Rang, Raukumara Rang, Raukumara Rang, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Great Barrier, Great Barrier, Great Barrier, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Tautahareparea, Tautahareparea, Tautahareparea, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Kuaotunu, Kuaotunu, Kuaotunu, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Whales Island, Whales Island, Whales Island, etc.

KAIM	Kayak Island baz=204,SNR=6.2	87.48	15	P	P	16 18 33.9 +0.9
MT09	Talagante baz=199,SNR=1.7	87.49	126	P	P	16 18 34.5 +0.4
ANMO	Albuquerque baz=199,SNR=1.7	87.49	50	P	P	16 18 34.4 +0.4
ANMO	Albuquerque comp=Z,61nm,1.5s	87.49	50	LR	LR	16 50 28.3
ANMO	Albuquerque comp=Z,7,11m,20.1s,baz=248,slow=30	87.49	50	P	P	16 18 34.4 +0.4
U33K	Whale Pass baz=218	87.49	22	P	P	16 18 34.6 +1.5
SIT	Sitka baz=216	87.53	20	P	P	16 18 34.4 +1.1
M20K	Styx River baz=200,SNR=6.4	87.56	10	P	P	16 18 33.0 -0.5
SUA	Susitna One baz=202	87.57	11	P	P	16 18 33.5 -0.1
L19K	White Mountain comp=Z,68nm,1.5s	87.58	9	Iamb	Iamb	16 18 36.5
L19K	White Mountain baz=198,SNR=17	87.58	9	P	P	16 18 33.6 +0.1
TCUT	Toone Canyon baz=203	87.63	43	P	P	16 18 34.6 0.0
TCUT	Toone Canyon comp=Z,37nm,1.1s	87.64	8	P	P	16 18 33.9 +0.2
K17K	Iditarod baz=195,SNR=12	87.64	8	P	P	16 18 33.3
BO04	La Punta comp=Z,26nm,1.3s	87.67	126	Iamb	Iamb	16 18 38.3
EYAK	Cordova Ski Ar baz=205	87.73	14	P	P	16 18 34.9 +0.7
GAMB	Gambell baz=183	87.74	1	P	P	16 18 34.7 +0.6
GLI	Glacier Island baz=203,SNR=5.7	87.74	13	P	P	16 18 34.3 0.0
RAGM	Ragged Mountain comp=Z,30nm,1.1s	87.83	14	Iamb	Iamb	16 18 37.0
C09A	Chrisman Ranch BGLC	87.83	34	P	P	16 18 35.6 +0.5
BGLC	Bering Glacier baz=209	87.92	15	P	P	16 18 36.2 +1.2
SKT	Skwentna comp=Z,37nm,1.4s	87.92	11	Iamb	Iamb	16 18 35.9
SKT	Skwentna baz=211,SNR=7.3	87.92	11	P	P	16 18 34.5 -0.6
TIA	Tai'an comp=Z,24nm,1.1s	87.93	311	P	S	16 18 37.2 +1.4
TIA	Tai'an comp=Z,280nm,11.3s			S	pmax	16 29 15.7 -2.6
TIA	Tai'an comp=Z,250nm,17.7s			LR	LR	
TIA	Tai'an comp=Z,200nm,18.6s			LR	LR	
J16K	Anvik River comp=Z,48nm,1.2s	87.94	6	Iamb	Iamb	16 18 37.6
J16K	Anvik River baz=193,SNR=5.8	87.94	6	P	P	16 18 36.2 +1.0
KNK	Knik Glacier comp=Z,53nm,1.4s	87.95	12	Iamb	Iamb	16 18 37.3
KNK	Knik Glacier baz=204,SNR=7.1	87.95	12	P	P	16 18 35.7 +0.4
M22K	Willow baz=202	87.96	11	P	P	16 18 36.3 +1.1
S31K	Pelican baz=215	87.99	19	P	P	16 18 36.2 +0.8
S31K	Pelican baz=203	87.99	12	P	P	16 18 35.6 +0.2
WRAK	Wrangell Islan baz=218	88.00	22	P	P	16 18 37.2 +1.6
L20K	Farewell AK baz=199,SNR=14	88.01	10	P	P	16 18 35.4 -0.1
CMIG	Matias Romero comp=Z,426nm,19.9s,baz=192,slow=30	88.09	70	LR	LR	16 50 15.8
S32K	Killisnoo comp=Z,58nm,1.6s	88.10	20	Iamb	Iamb	16 18 38.6
S32K	Killisnoo baz=216	88.10	20	P	P	16 18 36.5 +0.5
SAND	Sanderson comp=Z,32nm,1.5s	88.12	56	P	P	16 18 36.6 -0.3
SAND	Sanderson comp=Z,45nm,1.1s	88.16	343	P	Iamb	16 18 37.7
MA2	Magadan comp=Z,45nm,1.1s	88.16	343	P	P	16 18 36.2 -0.1
MA2	Magadan comp=Z,45nm,1.1s	88.16	343	P	pmax	16 18 36.2 -0.1
J17K	VABM Dome comp=Z,68nm,1.3s	88.21	7	Iamb	Iamb	16 18 38.9
J17K	VABM Dome baz=194,SNR=7.8	88.21	7	P	P	16 18 37.5 +1.1
MESA	MESA baz=210,SNR=6.3	88.29	16	P	P	16 18 38.2 +1.1
MNHN	Monalisa comp=Z,80nm,1.9s	88.32	55	Iamb	Iamb	16 18 40.0
GSI	Gunungsitoli baz=204,SNR=5.9	88.33	272	P	P	16 18 38.4 +0.1
GSI	Gunungsitoli baz=204,SNR=5.9	88.33	272	P	P	16 18 40.1 +1.9
SML	Sawmill baz=204,SNR=5.9	88.34	12	P	P	16 18 37.4 +0.2
BMRM	Bremner River baz=207,SNR=18	88.36	14	P	P	16 18 37.9 +0.7
U35K	Hyder baz=220	88.43	23	P	P	16 18 39.2 +1.6
M23K	Glacier View baz=205,SNR=6.7	88.45	13	P	P	16 18 37.8 +0.2
PNL	Peninsula baz=212,SNR=9.1	88.51	17	P	P	16 18 39.0 +1.1
I17K	Unalakleet baz=193	88.52	6	P	P	16 18 38.8 +0.7
CRQE	Cirque baz=209,SNR=13	88.53	11	P	P	16 18 38.3 +0.3
CUT	Chullina baz=202,SNR=6.3	88.54	13	Iamb	Iamb	16 18 40.3
KLU	Klutina comp=Z,51nm,1.5s	88.54	13	P	P	16 18 38.8 +0.6
J18K	Innoko River comp=Z,48nm,1.1s	88.56	8	Iamb	Iamb	16 18 40.3
J18K	Innoko River baz=197,SNR=24	88.56	8	P	P	16 18 38.6 +0.5
SCM	Sheep Creek Mo baz=205,SNR=8.7	88.56	13	P	P	16 18 38.8 +0.6
ISLE	Juniper Island PINM	88.57	15	P	P	16 18 38.7 +0.4
PINM	Pinnacle baz=211,SNR=7.1	88.57	15	P	P	16 18 39.5 +0.8
PPLA	Purkeypile baz=201	88.67	10	P	P	16 18 39.4 +0.6
BCPM	Bancas Point S22A	88.69	17	P	P	16 18 39.5 +0.7
S22A	JUR Ranch, Cre baz=216,SNR=12	88.72	47	P	P	16 18 40.8 +0.9
NEW	Newport comp=Z,526nm,18.0s,baz=217,slow=35	88.72	34	LR	LR	16 57 02.9
TABL	Table Mountain comp=Z,36nm,1.0s	88.72	16	Iamb	Iamb	16 18 41.5
AHID	Auburn Hatcher comp=Z,76nm,2.0s	88.77	41	Iamb	Iamb	16 18 42.3
R32K	Eaglecrest baz=216	88.77	20	P	P	16 18 40.5 +1.3
ANM	Nome baz=189	88.80	4	P	P	16 18 40.3 +1.1
K20K	Telida comp=Z,39nm,1.2s	88.81	9	Iamb	Iamb	16 18 41.2
K20K	Telida baz=199,SNR=17	88.81	9	P	P	16 18 39.8 +0.5
N25K	Chitina, Valde comp=Z,33nm,0.8s	88.93	14	Iamb	Iamb	16 18 42.2
N25K	Chitina, Valde baz=207,SNR=32	88.93	14	P	P	16 18 40.8 +0.8
P29M	Windy Craggy P29M	88.94	18	P	P	16 18 40.9 +0.9
P29M	Windy Craggy comp=Z,68nm,1.5s	88.94	18	P	P	16 18 43.0
P29M	Windy Craggy baz=214,SNR=9.4	88.94	18	P	P	16 18 41.5 +1.5
M21K	Del Rio comp=Z,66nm,1.5s	89.01	57	Iamb	Iamb	16 18 43.1
L24K	Tolsona, Glenn baz=206,SNR=12	89.04	13	P	P	16 18 41.5 +1.0
M20K	Logan Glacier comp=Z,43nm,1.1s	89.09	16	Iamb	Iamb	16 18 43.2
MCARA	McCarthy VSAT baz=209,SNR=14	89.09	15	P	P	16 18 41.7 +1.0
H16K	Elim baz=192	89.11	5	P	P	16 18 41.3 +0.7
CTG	Chitina Glacier baz=210,SNR=18	89.13	16	P	P	16 18 41.8 +0.9

CTGM	Chitina Glacier comp=Z,37nm,1.0s	89.13	16	Iamb	Iamb	16 18 43.3
WAT6	Susitna Watana baz=204,SNR=9.3	89.16	12	P	P	16 18 41.6 +0.5
T35M	Bob Quinn comp=Z,68nm,1.5s	89.17	23	Iamb	Iamb	16 18 44.5
T35M	Bob Quinn baz=220,SNR=8.4	89.17	23	P	P	16 18 42.3 +1.2
PLBC	Pleasant Camp baz=215,SNR=9.2	89.18	19	P	P	16 18 42.4 +1.3
J19K	Poorman J19K	89.21	8	P	Iamb	16 18 41.2 0.0
J19K	Poorman comp=Z,39nm,1.4s	89.21	8	P	Iamb	16 18 43.5
J19K	Poorman baz=198,SNR=13	89.21	8	P	P	16 18 42.1 +1.0
WAT1	Susitna Watana baz=204	89.24	12	P	P	16 18 41.5 +0.2
O28M	Mount Upton baz=211,SNR=12	89.25	16	P	P	16 18 42.8 +1.0
O29M	Mount Kennedy comp=Z,45nm,1.2s	89.27	17	Iamb	Iamb	16 18 44.5
O29M	Mount Kennedy baz=213,SNR=14	89.27	17	P	P	16 18 43.0 +1.4
G15K	Niukluk baz=190,SNR=5.0	89.32	5	P	P	16 18 41.9 +0.3
DLMT	Dillon comp=Z,52nm,1.6s	89.40	39	Iamb	Iamb	16 18 45.3
HBVL	Hebronville 833A	89.42	60	P	P	16 18 42.8 -0.2
833A	Chaparral WMA, comp=Z,59nm,1.5s	89.44	59	Iamb	Iamb	16 18 45.2
833A	Chaparral WMA, baz=205	89.44	59	P	P	16 18 43.6 +0.5
SRIT	Nakonsitamara SKAGW	89.47	280	P	P	16 18 43.6 +0.1
SKAGW	SKAGW baz=216,SNR=13	89.49	19	P	P	16 18 44.5 +2.1
KTH	Kashna Hill comp=Z,35nm,1.2s	89.49	10	Iamb	Iamb	16 18 43.5
IMW	Indian Meadow comp=Z,61nm,2.0s	89.51	40	Iamb	Iamb	16 18 46.1
HARP	HARAR baz=207	89.52	13	P	P	16 18 43.3 +0.6
LOHW	Long Hollow comp=Z,59nm,1.9s	89.55	41	Iamb	Iamb	16 18 46.0
P30M	Million Dollar baz=200	89.56	18	P	P	16 18 44.5 +1.5
CHUM	Lake Minchumin baz=200	89.58	10	P	P	16 18 42.5 -0.3
J20K	Nowinta River comp=Z,49nm,0.8s	89.58	9	Iamb	Iamb	16 18 44.9
J20K	Nowinta River baz=199,SNR=23	89.58	9	P	P	16 18 43.4 +0.5
S34M	Telegraph Cree baz=219,SNR=16	89.58	22	P	P	16 18 44.7 +1.7
MSTX	Muleshoe comp=Z,76nm,1.8s	89.61	52	Iamb	Iamb	16 18 47.2
H17K	Granite Mount comp=Z,48nm,1.2s	89.62	6	P	P	16 18 43.5 +0.4
F14K	Arctic Creek baz=198	89.65	4	P	P	16 18 43.9 +0.8
TNA	Tin City baz=186	89.65	3	P	P	16 18 43.7 +0.6
DHY	Denali Highway comp=Z,44nm,1.7s	89.68	12	Iamb	Iamb	16 18 45.4
DHY	Denali Highway baz=205,SNR=14	89.68	12	P	P	16 18 43.9 +0.3
PDAR	Pinedale Array PDAR	89.70	42	P	P	16 18 43.5 -0.8
PDAR	Pinedale Array comp=Z,1.4nm,0.8s,baz=207,slow=3.0,SNR=13	89.70	42	P	P	16 18 44.4 +0.1
PDAR	Pinedale Array comp=Z,1.97nm,19.8s,baz=237,slow=31	89.70	42	LR	LR	16 52 24.3
FLWY	Flag Ranch comp=Z,1.4nm,0.8s	89.76	40	Iamb	Iamb	16 18 49.3
GCSA	Galena City Sc baz=196	89.77	8	P	P	16 18 44.8 +1.1
YUK8	Steele Glacier baz=212,SNR=13	89.79	16	P	P	16 18 45.4 +1.1
SGCV	Sterling City comp=Z,68nm,1.9s	89.82	55	Iamb	Iamb	16 18 49.7
G16K	Koyuk River YHB	89.85	5	P	P	16 18 44.9 +0.9
YHB	Horse Butte YHB	89.85	40	Iamb	Iamb	16 18 49.1
YUK6	Outpost Mounta baz=213,SNR=8.1	89.87	17	P	P	16 18 45.8 +1.2
LOO	Las Campanas LOO	89.91	122	P	Iamb	16 18 46.4 +0.7
LOO	Las Campanas comp=Z,38nm,1.3s	89.91	122	P	Iamb	16 18 48.8
LOO	Las Campanas comp=Z,38nm,1.3s	89.91	122	P	pmax	16 18 46.4 +0.7
YHL	Hebgen Lake comp=Z,22nm,1.3s	89.92	40	Iamb	Iamb	16 18 48.5
CO01	Juntas del Tor comp=Z,57nm,1.6s	89.92	123	Iamb	Iamb	16 18 48.8
PAX	Paxson comp=Z,41nm,1.8s	89.97	13	P	P	16 18 44.9 0.0
F15K	North Star Dit baz=189	89.98	4	P	P	16 18 45.0 +0.3
BPAW	Bear Paw Mtn. baz=202,SNR=7.4	89.99	10	P	P	16 18 44.1 -0.8
M26K	Nabesna, AK baz=202,SNR=20	89.99	14	P	P	16 18 45.9 +1.0
H18K	Honhosra River baz=195	89.99	7	P	P	16 18 45.0 +0.2
MCK	McKinley baz=204,SNR=16	90.00	11	P	P	16 18 45.0 +0.1
HEH	HeiHe HEH	90.01	327	eP	pP	16 18 44.9 -0.3
HEH	HeiHe HEH			pP	sP	16 18 49.0 -0.7
HEH	HeiHe HEH			S	S	16 29 39.7 +2.5
HEH	HeiHe comp=Z,23nm,1.5s			pmax	pmax	
HEH	HeiHe comp=Z,180nm,6.0s			LR	LR	
HEH	HeiHe comp=Z,320nm,19.3s			LR	LR	
HEH	HeiHe comp=Z,200nm,19.5s			LR	LR	
Q32M	Nakina River baz=218,SNR=10	90.03	21	P	P	16 18 47.0 +1.6
YUK3	Moose Creek baz=211,SNR=8.5	90.04	16	P	P	16 18 46.3 +1.0
T25A	Trinidad baz=209	90.05	49	P	P	16 18 46.7 +0.7
YHH	Holmes Hill P32M	90.07	40	P	P	16 18 47.3 +1.3
P32M	Atlin comp=Z,44nm,1.4s	90.08	20	Iamb	Iamb	16 18 48.2
P32M	Atlin baz=217,SNR=6.4	90.08	20	P	P	16 18 46.7 +1.3
BOZ	Bozeman (W) comp=Z,60nm,1.6s	90.09	39	Iamb	Iamb	16 18 48.5
POST	Post comp=Z,49nm,1.5s	90.09	54	P	P	16 18 46.1 0.0
POST	Post comp=Z,49nm,1.5s	90.10	6	Iamb	Iamb	16 18 47.9
G17K	Kiwalik Mountain baz=193	90.10	6	P	P	16 18 45.8 +0.5
I20K	Naaghedeneel comp=Z,56nm,1.2s	90.13	9	Iamb	Iamb	16 18 47.6
I20K	Naaghedeneel baz=199,SNR=5.9	90.13	9	P	P	16 18 46.3 +0.9
YUK4	Talbot Arm baz=213,SNR=12	90.13	17	P	P	16 18 47.2 +1.4
JCT	Junction City comp=Z,58nm,1.6					

5d 17h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ESDC, PBDV, PVAO, MDT, TORD, etc.

BER 05 16:10:39.0.2.1, 71.94N x 1.16W, h10km, mb(Pn)4.1, Confirmed Earthquake

ISC 05 16:10:32.6-1.2, 72.22N.0.1.0.9W.0.1, h10km, n16, c391/22, Jan Mayen Island region

Main table for station data under the 5d 17h section, listing various stations and their parameters.

IDC 05 16:23:20.6-537.0, 53.21N.2.05E, h0km, Error ellipse: s-maj=244.2km s-min=166.0km az=99.0, North Sea

Table for station data under the IDC 05 16:23:20.6 section.

IDC 05 16:34:55.8-2.3, 17.70S x 178.40W, h596km, 21km, mb3.0/7, mbtmp3.9/8, Error ellipse: s-maj=93.6km s-min=18.2km

az=151.0

ISC 05 16:34:56.0-1.5, 17.85S.0.5, 178.5W.0.3, h600km, n9, c934/9, mb3.6/7, Fiji Islands region

Main table for station data under the IDC 05 16:34:55.8 section.

JMA 05 16:43:24.8-0.1, 23.8N.0.5, 122.0E.0.8, h30km, 3km, MV2.5/14, TAIWAN REGION

TAP 05 16:43:25.5, 23.77N.121.94E, h36km, ML2.8, B

ISC 05 16:43:25.0-0.9, 23.75N.0.02-121.95E.0.02, h32km, 8km, n97, c0559/167, Taiwan

Main table for station data under the JMA 05 16:43:24.8 section.

2018 SEP

Main table for station data under the 2018 SEP section, listing stations like EAHA, EHYH, ETLH, etc.

Main table for station data under the 2018 SEP section, listing stations like LDUT, WNT, CHNS, etc.

IDC 05 17:11:46.9-16.0, 38.23N.48.61E, h0km, mb3.7/4, mbtmp3.6/5, ML4.0/1, Error ellipse: s-maj=327.4km s-min=32.7km az=15.0

AZER 05 17:11:53.3, 38.74N.48.64E, h14km, ml3.7, TEH 05 17:11:54.0, 38.67N.48.63E, h20km, 18km, ML3.5

ISC 05 17:11:53.2-1.1, 38.69N.0.02-48.63E.0.02, h13km, 8km, n74, c1937/107, mb3.5/4, 1C-ID, Iran-Armenia-Azerbaijan border region

Main table for station data under the IDC 05 17:11:46.9 section.

Table with columns: Code, Station Name, Az, El, Pn, S, Sg, Sgmax, Time, Res. Includes stations like Tabriz, Ordubad, Pirkulii, Ismayilli, Nardaran, etc.

KRSC 05 17:12:28.4-0.8, 58:73N; 158:84E, h46km, 12km, Mc4.5, M5.1
IDC 05 17:12:28.4-0.4, 58:67N; 158:88E, h0km, mb4.4/29, mbmp4.4/35, ML4.4/4, MS3.7/33, Error ellipse: s-maj=10.9km s-min=9.8km az=170.0
BUJ 05 17:12:28.2-0.0, 58:58N; 158:72E, h9km, mb4.5/54, mb4.9/21, Ms4.5/21, Ms7.4/320
NERS 05 17:12:30.3-1.1, 58:73N; 0:08-158:8E; 0.2, h10km, 1km, mb4.6/256, Error ellipse: s-maj=14.3km s-min=13.0km az=60.0
MOS 05 17:12:32.3-0.9, 58:62N; 158:87E, h45km, mb4.9/31, MS3.8/11, Error ellipse: s-maj=9.5km s-min=3.5km az=95.8
ISC 05 17:12:29.8-0.6, 58:68N; 0:03-158:86E; 0:02, h9km, 3km, m661, 0:09/588, mb4.6/198, MS3.9/41, 11C-10D,

Table with columns: Code, Station Name, Az, El, Pn, S, Sg, Sgmax, Time, Res. Includes stations like PALN, Tigil, OSSR, SOROKA, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Sg, Sgmax, Time, Res. Includes stations like TLAR, Talaya, Omsukchan, Magadan, etc.

Table with columns: Code, Station Name, Az, El, Pn, S, Sg, Sgmax, Time, Res. Includes stations like TIXI, Tiksi, Zeya, Kul'dur, etc.

B20K	Meade River	21.57	41	P	P	17 17 19.8 +0.6
H19K	Roundabout Mou	21.58	53	P	I Amb	17 17 19.9 +0.7
H19K	comp=Z,19nm,0.8s					17 17 24.5
H19K	Roundabout Mou	21.58	53	P	P	17 17 19.8 +0.5
D20K	Etiwuk River	21.59	44	P	P	17 17 19.3 -0.2
J18K	Innoko River	21.65	58	P	P	17 17 20.4 +0.2
M17K	Holitna River	21.68	64	P	P	17 17 20.8 +0.3
E20K	Nigu River	21.71	45	P	P	17 17 21.0 +0.2
O16K	Kokwok River B	21.82	69	P	P	17 17 22.2 +0.2
F20K	Avaraart Lake	21.84	49	P	P	17 17 22.1 0.0
L18K	Granite Mounta	21.87	62	P	P	17 17 22.8 +0.4
USA0B	Ussuriysk Arra	21.94	240	I	P	17 17 21.9 -1.5
USFRK	Ussuriysk Ar.	21.94	240	P	P	17 17 23.2 -0.2
USFRK	Ussuriysk Ar.	21.94	240	P	P	17 17 23.7 +0.3
USFRK	comp=Z,8.8nm,1.0s,baz=46,slow=8.3,SNR=9.2					17 27 03.9
A21K	Barrow	21.99	37	P	P	17 17 23.2 -0.4
N17K	Nushagak Hills	22.01	66	P	P	17 17 23.9 0.0
J19K	Poorman	22.07	57	P	P	17 17 24.6 0.0
SDPT	Sand Point	22.14	81	P	P	17 17 25.2 -0.2
S14K	Fog Glacier	22.22	78	P	P	17 17 25.9 -0.5
H20K	Anotleneega Mo	22.23	53	P	P	17 17 26.3 -0.1
O17K	Koliganek Bris	22.25	68	P	P	17 17 25.6 -1.1
C21K	Knifblade Rid	22.29	43	P	P	17 17 26.4 -0.6
B21K	Ikpikpuk River	22.39	42	I Amb	I Amb	17 17 31.8
B21K	Ikpikpuk River	22.39	42	P	P	17 17 27.6 -0.4
M18K	Stony River	22.42	63	P	P	17 17 28.3 -0.1
A22K	Sinclair Lake	22.45	38	P	P	17 17 28.4 -0.2
I20K	Naaghedeneel	22.46	55	P	P	17 17 29.2 +0.4
I20K	Naaghedeneel	22.46	55	P	I Amb	17 17 58.1
E21K	Killik River	22.54	45	P	P	17 17 29.9 +0.3
E21K	comp=Z,20nm,1.0s					17 17 29.8 +0.2
E21K	Killik River	22.54	45	P	P	17 17 29.8 +0.2
N18K	Kilae Creek	22.59	66	P	P	17 17 30.4 +0.2
IMAR	Indian Mountai	22.66	51	P	P	17 17 31.1 +0.2
J20K	Nowinta River	22.68	56	I Amb	I Amb	17 17 39.5
F20K	Nowinta River	22.68	56	P	P	17 17 31.4 +0.2
J21K	Alatna River	22.71	48	I Amb	I Amb	17 17 34.1
F21K	Alatna River	22.71	48	P	P	17 17 31.2 -0.3
L19K	White Mountain	22.72	61	P	P	17 17 32.3 +0.8
G21K	Allakaket	22.73	50	I Amb	I Amb	17 17 34.5
G21K	Allakaket	22.73	50	P	P	17 17 31.8 +0.1
MDJ	Mudanjiang	22.74	245	P	P	17 17 30.8 -1.1
MDJ				pP	pP	17 17 32.6 -1.7
MDJ				S	S	17 21 39.3 -1.1
MDJ				PcS	PcS	17 25 02.1 -0.1
MDJ				pmax	pmax	
MDJ	comp=Z,12nm,1.7s					
MDJ	comp=Z,510nm,14.8s			LR	LR	
MDJ	comp=Z,640nm,12.8s			LR	LR	
R16K	Pilot Point	22.74	74	P	P	17 17 32.0 +0.2
P17K	Kvichak River	22.75	69	P	P	17 17 32.3 +0.4
CHNA	Chernabura Isl	22.82	82	P	P	17 17 32.5 -0.2
K20K	Telida	22.84	58	P	P	17 17 32.7 -0.2
B22K	Teshepkuk Lake	22.88	40	P	P	17 17 32.2 -0.9
BNX	BinXian	22.96	250	I	P	17 17 33.9 -0.3
M19K	Big River Lodge	22.99	62	P	P	17 17 34.5 +0.1
D22K	Aiyikyak River	23.03	44	I Amb	I Amb	17 18 03.7
D22K	Aiyikyak River	23.03	44	P	P	17 17 34.2 -0.6
H21K	Melozitna Rive	23.08	52	P	P	17 17 34.9 -0.4
L20K	Farewell, AK	23.10	60	P	P	17 17 34.8 -0.7
O18K	Koktuk Hills	23.14	67	P	P	17 17 35.5 -0.5
F22K	John River	23.21	47	P	P	17 17 36.6 -0.1
N19K	Bonanza Creek	23.22	65	P	P	17 17 37.2 +0.4
P18K	Big Mountain,	23.27	68	P	P	17 17 37.0 -0.4
R17L	Mt. Peulik Vol	23.32	73	P	P	17 17 38.1 +0.3
Q17K	Contact Creek	23.33	71	P	P	17 17 37.9 0.0
E22K	Anaktuvuk Pass	23.34	46	P	P	17 17 37.7 -0.2
O19K	Port Alsworth	23.47	66	P	P	17 17 39.0 -0.2
G22K	Bettles	23.50	49	P	P	17 17 39.4 -0.1
CHUM	Lake Minchunmin	23.52	57	P	P	17 17 39.7 0.0
M20K	Styx River	23.57	62	P	P	17 17 40.5 +0.1
MSHR	Mys Shuitsa	23.59	239	I	P	17 17 36.6 -4.0
MSHR	comp=Z,15nm,1.0s			pmax	pmax	
Q18K	Katmai Hardscr	23.63	70	P	P	17 17 40.4 +0.6
H22K	Ishitalna Cre	23.64	51	P	P	17 17 41.5 +0.5
PSTR	Posyet	23.69	240	I	P	17 17 41.0 -0.6
D23K	Nanushuk River	23.75	44	P	P	17 17 41.5 -0.5
PPLA	Purkeynile	23.77	59	P	P	17 17 42.0 -0.3
C23K	Iklikik River	23.80	42	P	P	17 17 42.6 +0.2
C23K	Iklikik River	23.80	42	P	P	17 17 41.8 -0.6
COLD	Coldfoot	23.99	48	P	P	17 17 43.5 -0.8
MLY	Manley	24.02	53	I Amb	I Amb	17 17 46.0
MLY	Manley	24.02	53	P	P	17 17 44.5 -0.1
BPAW	Bear Paw Mtn.	24.06	56	I Amb	I Amb	17 17 54.7
BPAW	Bear Paw Mtn.	24.06	56	P	P	17 17 45.6 +0.6
G23K	Bananza Creek	24.10	49	I Amb	I Amb	17 17 47.5
G23K	Bananza Creek	24.10	49	P	P	17 17 45.0 -0.4
RSO	Redoubt South	24.13	65	P	P	17 17 45.9 0.0
P19K	Oil Pt	24.16	67	P	P	17 17 45.3 -0.6

TOLK	Toolik Lake Re	24.16	45	I Amb	I Amb	17 17 49.4
TOLK	Toolik Lake Re	24.16	45	P	P	17 17 45.5 -0.4
E23K	Chandalar	24.16	46	I Amb	I Amb	17 17 48.9
E23K	Chandalar	24.16	46	P	P	17 17 45.9 0.0
SPCR	Spurr Chakacha	24.18	63	P	P	17 17 45.6 -0.6
N20K	Mount Spurr	24.18	63	P	P	17 17 45.9 -0.2
KTH	Kantishna Hill	24.20	57	I Amb	I Amb	17 17 48.6
Q19K	Cape Douglas,	24.20	69	P	P	17 17 46.2 -0.1
SKT	Skwentna	24.28	61	P	P	17 17 47.6 +0.6
O20K	Slope Mountain	24.31	66	P	P	17 17 47.9 +0.5
H23K	Yukon River	24.40	51	P	P	17 17 47.7 -0.4
D24K	Happy Valley	24.42	43	P	P	17 17 48.4 +0.2
CHIR	Chirikof Islan	24.42	77	P	P	17 17 48.3 0.0
C24K	Franklin Bluff	24.46	42	P	P	17 17 49.0 +0.5
I23K	Minto, Yukon-K	24.57	53	I Amb	I Amb	17 17 55.1
I23K	Minto, Yukon-K	24.57	53	P	P	17 17 49.9 +0.3
E24K	Your Creek	24.59	46	I Amb	I Amb	17 17 51.6
E24K	Your Creek	24.59	46	P	P	17 17 49.1 -0.7
SUA	Susitna One	24.78	62	I Amb	I Amb	17 17 55.2
SUA	Susitna One	24.78	62	P	P	17 17 51.3 -0.4
NEA2	Nenana	24.79	54	P	P	17 17 51.0 -0.6
NEA2	Nenana	24.79	54	I Amb	I Amb	17 17 53.6
NEA2	Nenana	24.79	54	P	P	17 17 51.2 -0.4
F24K	Squaw Lake	24.86	47	I Amb	I Amb	17 17 58.0
F24K	Squaw Lake	24.86	47	P	P	17 17 52.1 -0.1
Q20K	Shuk Island	24.92	69	P	P	17 17 52.4 -0.4
OHAK	Old Harbor	25.01	73	P	P	17 17 53.1 -0.5
MCK	McKinley	25.03	56	P	P	17 17 53.0 -0.8
H24K	Noodor Dome	25.07	51	P	P	17 17 53.8 -0.4
G24K	Hadweenic Riv	25.11	49	I Amb	I Amb	17 17 57.7
G24K	Hadweenic Riv	25.11	49	P	P	17 17 54.4 -0.1
KDAK	Kodiak Island	25.14	71	P	P	17 17 54.6 -0.2
KDAK	comp=Z,1.80nm,20.2s,baz=312,slow=36					17 27 39.3
KDAK	Kodiak Island	25.14	71	P	P	17 17 55.2 +0.4
KDAK	Kodiak Island	25.14	71	I	P	17 17 55.0 +0.2
WRH	Wood River Hs	25.23	54	I Amb	I Amb	17 18 18.4
COLA	College	25.25	53	I	P	17 17 56.8 +1.1
D25K	Kavik River	25.29	43	P	P	17 17 56.2 +0.1
RC01	Rabbit Creek A	25.36	62	P	P	17 17 56.8 +0.1
POKR	Poker Plat Res	25.38	53	P	P	17 17 57.3 +0.4
WAT1	Susitna Watana	25.41	58	P	P	17 17 57.5 +0.3
G25K	Bearman Lake	25.46	49	P	P	17 17 58.9 -0.3
ILAR	Eielson Array	25.68	53	P	P	17 17 58.7 -0.9
ILAR	Eielson Array	25.68	53	P	P	17 17 59.1 -0.5
ILAR	comp=Z,2.6nm,0.7s,baz=270,slow=10,SNR=24			PcP	PcP	17 21 27.0 -2.4
ILAR	comp=Z,0.4nm,0.7s,baz=282,slow=5,SNR=25			LR	LR	17 29 21.4
F25K	Christian River	25.71	47	I Amb	I Amb	17 18 04.2
F25K	Christian River	25.71	47	P	P	17 18 00.3 +0.3
HDA	Harding Lake	25.73	54	P	P	17 18 00.0 0.0
C26K	Camden Bay	25.77	41	P	P	17 17 59.8 -0.6
SML	Sawmill	25.79	60	I Amb	I Amb	17 18 12.8
SML	Sawmill	25.79	60	P	P	17 18 00.2 -0.5
SEW	Seward	25.81	65	P	P	17 18 00.7 -0.1
H25L	Birch Creek	25.83	50	P	P	17 18 01.4 +0.5
WAT6	Susitna Watana	25.84	59	P	P	17 18 01.8 +0.5
KNK	Knik Glacier	25.85	61	I Amb	I Amb	17 18 03.3
KNK	Knik Glacier	25.85	61	P	P	17 18 00.5 -0.7
DHY	Denali Highway	25.86	57	P	P	17 18 01.0 -0.5
MJB9	Matsu-Tunnel	25.95	220	P	P	17 18 02.1 -0.2
MAJO	Matsushiro	25.95	220	I Amb	I Amb	17 18 02.6 +0.2
MAJO	Matsushiro	25.95	220	P	P	17 18 02.6 +0.2
MJAR	Matsushiro Arr	25.95	220	P	P	17 18 01.9 -0.5
MJAR	comp=Z,148nm,18.1s,baz=28,slow=38			LR	LR	17 28 49.2
M23K	Glacier View	26.07	60	P	P	17 18 03.2 0.0
PWL	Port Wells	26.08	62	P	P	17 18 02.7 -0.7
PRP	Porcupine Dome	26.09	51	I Amb	I Amb	17 18 10.7
PRP	Porcupine Dome	26.09	51	P	P	17 18 03.1 -0.4
BMAR	Burnt Mountain	26.13	47	P	P	17 18 04.3 +0.5
C27K	Jago River	26.20	42	P	P	17 18 03.2 -1.1
SCM	Sheep Creek Mo	26.24	60	P	P	17 18 04.2 -0.6
F26K	Sheeniek River	26.26	46	P	P	17 18 04.2 -0.7
J25K	Salcha River,	26.35	53	P	P	17 18 05.7 -0.1
K24K	Doreilly Dome	26.37	55	P	P	17 18 05.0 -1.0
G26K	Porcupine Rive	26.52	48	P	P	17 18 06.2 -1.0
GLI	Glacier Island	26.65	62	P	P	17 18 07.5 -0.9
M24K	Tolsona, Glenn	26.67	59	I Amb	I Amb	17 18 19.7
M24K	Tolsona, Glenn	26.67	59	P	P	17 18 07.5 -1.2
PAX	Paxson	26.73	57	P	P	17 18 08.2 -1.0
RIDG	Independent Ri	26.79	55	I Amb	I Amb	17 18 31.2
RIDG	Independent Ri	26.79	55	P	P	17 18 08.9 -0.9
KLU	Klutina	26.98	60	P	P	17 18 10.2 -1.3
HARP	HAARP	27.04	58	P	P	17 18 10.9 -1.0

baz=288						
SCRK	Sand Creek	27.09	54	P	P	17 18 11.7 -0.9
J26L	Joseph Creek	27.13	53	P	P	17 18 11.9 -0.9
E27K	Coleen River	27.14	45	I Amb	I Amb	17 18 18.9
E27K	Coleen River	27.14	45	P	P	17 18 12.9 +0.1
D27M	Malcolm River	27.21	43	I Amb	I Amb	17 18 18.7
D27M	Malcolm River	27.21	43	P	P	17 18 12.3 -1.2
G27K	Doyon Strip	27.37	48	P	P	17 18 14.2 -0.7
EYAK	Cordova Ski Ar	27.38	62	P	P	17 18 14.7 -0.3
N25K	Chitina, Valde	27.54	60	P	P	17 18 16.2 -0.4
H27K	Steamboat Moun	27.54	49	P	P	17 18 15.5 -1.0
I27K	Kandik River	27.66	50	P	P	17 18 16.9 -0.6
BMRM	Bremner River	27.76	61	P	P	17 18 18.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like C36M Paulatuk, P32M Atlin, P33M Teslin, Yukon, R32K Eaglecrest, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like GOMU comp=Z,400nm,15.0s, B08A Colville Reson, LTY Liberty, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like OBN Obninsk, P17A Butcher Ranch, P18A Preston Nutter, etc.

ITOB	Itaqui	36.63 313	P	P	18 03 36.1	-1.2
ITOB	Itaqui	36.63 313	eP	P	18 03 36.7	-0.6
CRSM	Briacantal (Br	37.72 318	eP	P	18 03 40.6	-0.6
MT08	Bocatoma Ro	36.96 294	P	P	18 03 55.4	-1.5
MT09	Talagante	38.09 292	P	P	18 03 56.5	-1.7
MT01	Popeta	39.14 292	P	P	18 03 54.3	-4.2
VA03	San Esteban	39.73 294	P	P	18 04 02.1	-1.4
ZON	Zonda	39.92 297	P	P	18 04 02.0	-3.0
CPUP	Villa Florida	39.93 314	I	Amb	18 04 03.9	-1.2
CPUP	Villa Florida	39.93 314	P	P	18 04 03.8	-1.2
VA06	Catapilco	40.25 293	P	Iamb	18 04 07.9	+0.3
VA06	Catapilco	40.25 293	Iamb	Iamb	18 04 27.9	
SJPY	San Joaquin	40.72 317	eP	P	18 04 10.7	-0.9
CO03	El Pedregal	41.42 295	P	Iamb	18 04 14.9	-2.6
CO03	El Pedregal	41.42 295	Iamb	Iamb	18 04 43.8	
CO01	Juntas del Tor	41.89 296	P	P	18 04 21.2	-0.3
AC05	El Transito	42.94 297	P	Iamb	18 04 24.8	-1.5
AC06	El Transito	42.94 297	Iamb	Iamb	18 04 35.1	
AC06	Mina Casimiro	44.28 298	P	Iamb	18 04 37.3	-3.1
AC06	Mina Casimiro	44.28 298	Iamb	Iamb	18 04 39.2	
AQDB	Aquidauana	44.78 320	P	Iamb	18 04 44.4	-0.2
AQDB	Aquidauana	44.78 320	Iamb	Iamb	18 04 46.7	
H04S2	CROZET ISLANDS	45.65 110	T	T	18 54 37.8	
H04S3	CROZET ISLANDS	45.65 110	T	T	18 54 38.8	
H04S1	CROZET ISLANDS	45.65 110	T	T	18 54 43.2	
GO02	Minna Guanaco	45.83 300	P	Iamb	18 04 51.7	-1.6
GO02	Minna Guanaco	45.83 300	Iamb	Iamb	18 04 55.6	
PB14	IPOC Station P	46.66 300	P	P	18 05 47.6	-2.1
PB14	IPOC Station P	46.66 300	Iamb	Iamb	18 05 09.7	
BOSA	Boshof	46.82 71	P	P	18 05 03.6	+2.8
LVC	Limon Verde	47.80 303	P	P	18 05 06.8	-1.9
PB04	IPOC Station P	48.56 302	P	P	18 05 12.6	-1.8
PB09	IPOC Station P	48.66 303	P	P	18 05 13.3	-1.8
PB01	IPOC Station P	49.43 303	P	P	18 05 19.6	-1.3
BBSD	Serra de San D	49.50 315	eP	P	18 05 19.4	-2.0
HMB3	Humberstone	50.28 303	P	Iamb	18 05 25.9	-1.5
HMB3	Humberstone	50.28 303	Iamb	Iamb	18 05 32.3	
PTLB	Pontes e Lacer	50.61 318	P	Iamb	18 05 28.4	-1.4
PTLB	Pontes e Lacer	50.61 318	Iamb	Iamb	18 05 31.2	
LPAZ	La Paz	53.15 307	P	P	18 05 48.5	-1.0
LPAZ	La Paz	53.15 307	Iamb	Iamb	18 05 51.8	
LPAZ	La Paz	53.15 307	P	P	18 05 48.1	-1.3
LPAZ	La Paz	53.15 307	eP	P	18 05 45.9	-3.5
VILB	Vilhena	53.29 318	P	Iamb	18 05 48.4	-1.4
VILB	Vilhena	53.29 318	Iamb	Iamb	18 05 51.5	
VILB	Vilhena	53.29 318	eP	P	18 05 48.7	-1.1
PDRB	Ponta do Gos	53.44 322	eP	P	18 05 50.1	-0.8
SMTB	Santa Maria do	53.66 334	eP	P	18 05 55.6	+3.1
SAML	Samuel	55.04 316	Iamb	Iamb	18 06 22.3	-1.6
SAML	Samuel	55.04 316	Iamb	Iamb	18 06 24.6	
SAML	Samuel	55.04 316	eP	P	18 06 22.0	-1.9
ETMB	Extrema	58.32 312	P	Iamb	18 06 23.5	-2.4
ETMB	Extrema	58.32 312	Iamb	Iamb	18 06 27.4	
TEFE	Tefe	63.61 317	eP	P	18 06 59.3	-2.5
BOAV	Boa Vista	67.84 323	P	Iamb	18 07 26.6	-2.4
BOAV	Boa Vista	67.84 323	Iamb	Iamb	18 07 27.3	
DBIC	Dimbo	68.87 23	P	P	18 07 36.0	+0.6
OTAV	Otavalo	72.30 304	P	Iamb	18 07 56.7	-0.2
OTAV	Otavalo	72.30 304	Iamb	Iamb	18 07 59.2	
BAUV	El Baul	76.40 318	P	P	18 08 19.6	-0.6
BAUV	El Baul	76.40 318	Iamb	Iamb	18 08 21.8	
TORD	Torodi Ar. Bea	76.57 28	P	Iamb	18 08 22.0	+0.9
TORD	Torodi Ar. Bea	76.57 28	Iamb	Iamb	18 08 23.5	
TORD	Torodi Ar. Bea	76.57 28	P	P	18 08 22.5	+1.4
H0S1	Diego Garcia H	87.87 102	T	T	19 45 34.6	
H0S2	Diego Garcia H	87.88 102	T	T	19 45 33.0	
H0S3	Diego Garcia H	87.89 102	T	T	19 45 34.8	
ASAR	Alice Springs	94.88 162	P	P	18 09 53.8	+0.9
AKASG	Malin Array B	119.36 37	PKP	PKIKP	18 15 19.2	+0.3
PDAR	Pinedale Array	122.81 300	PKP	PKIKP	18 15 26.6	+0.2
CMAR	Chiang Mai Arr	123.19 113	PKP	PKIKP	18 15 28.6	+1.0
NVAR	Minna Array B	123.27 290	PKP	PKIKP	18 15 28.3	+0.9
NOA	NORSAR Array B	124.21 1	PKP	PKIKP	18 15 28.9	+0.2
FINES	FINESS Array B	127.92 29	PKP	PKIKP	18 15 35.3	-0.3
ARCES	ARCES Array B	134.70 23	PKP	PKIKP	18 15 48.5	-0.6
BVAR	Borovoye Array	136.63 61	PKIKP	PKPpre	18 15 49.0	
INK	Inuvik	149.18 116	PKPbc	PKPbc	18 16 15.7	-1.8
KSRS	Korea Array	152.00 133	PKPbc	PKIKP	18 16 28.3	+2.8
MJAR	Matsushiro Arr	154.34 151	PKPbc	PKIKP	18 16 31.2	+0.7

Code	Station Name	Lat	Lon	Phase ID	Time	Res
JANG	Nango	2.29 189	A	A	18 08 36.7	
JANG	Nango	2.29 189	A	A	18 08 34.8	-1.6
JHHS	Hiroasahiyakuz	2.34 212	A	A	18 08 37.3	
JSE	Soyaes	2.36 10	A	A	18 08 36.2	
JSE	Soyaes	2.36 10	A	A	18 08 36.3	-0.9
JKHN	Kushirohamanak	2.36 78	Pn	Pn	18 08 36.8	
JKHN	Kushirohamanak	2.36 78	Pn	Pn	18 08 34.9	-2.3
JKEN	Kujiedanarisaw	2.44 185	A	A	18 08 38.9	
JNSB	Nemuroshibetsu	2.47 52	A	A	18 08 38.2	
JNSB	Nemuroshibetsu	2.47 52	A	A	18 08 40.1	
JNW	Iwasaki	2.54 217	A	A	18 08 40.1	
JNW	Iwasaki	2.54 217	A	A	18 08 38.9	-0.8
JRR	Rishiri	2.55 349	A	A	18 08 39.0	
JRA	Rausu	2.62 59	A	A	18 08 40.3	
JRA	Rausu	2.62 59	A	A	18 08 40.1	-0.6
JAH	Hinai	2.66 203	A	A	18 08 41.9	
JAH	Hinai	2.66 203	A	A	18 08 41.0	-0.2
JWK2	Keihoiku	2.68 358	A	A	18 08 40.8	
JWK2	Keihoiku	2.68 358	A	A	18 08 41.6	0.0
JTH	Tanohata	2.70 182	A	A	18 08 42.5	
JKZ	Kuzuroki	2.70 191	A	A	18 08 42.5	
JNTW	Nishinotakiwa	2.74 211	A	A	18 08 45.1	
NEM2	Nemuro 2	2.83 74	A	A	18 08 43.5	
NEM2	Nemuro 2	2.83 74	A	A	18 08 41.5	-2.2
JRBN	Rebuntou	2.87 347	Pn	Pn	18 08 43.5	
JSZI	Iwateshizukus	3.00 196	A	A	18 08 46.8	
MIYK	Miyakonagasawa	3.06 183	A	A	18 08 47.7	
YUK	Yuzh-Kurilsk	3.14 62	eP	Pn	18 08 47.7	-0.2
YUK	Yuzh-Kurilsk	3.14 62	eP	Pn	18 08 50.7	
YUK	Yuzh-Kurilsk	3.14 62	eP	Pn	18 09 23.3	-0.8
YUK	Yuzh-Kurilsk	3.14 62	eP	Pn	18 09 47.5	
YUK	Yuzh-Kurilsk	3.14 62	eP	Pn	18 09 47.5	
YUK	Yuzh-Kurilsk	3.14 62	eP	Pn	18 08 48.3	+0.4
YUK	Yuzh-Kurilsk	3.14 62	eP	Pn	18 08 48.3	+0.4
JOM	Ohasama	3.21 190	A	A	18 08 49.7	
JOM	Ohasama	3.21 190	A	A	18 08 47.7	-1.2
JYW	Yuwa	3.36 204	A	A	18 08 52.1	
JRG	Rokugo	3.40 198	A	A	18 08 52.5	
JRG	Rokugo	3.40 198	A	A	18 08 51.8	+0.2
JOG3	Ogasa	3.50 229	A	A	18 08 49.3	
OFUJ	Ofunato	3.56 184	A	A	18 08 54.8	
JMK	Ichinoseki	3.73 189	A	A	18 08 57.1	
JMK	Ichinoseki	3.73 189	A	A	18 08 55.1	-1.0
SHO	Shikotan	3.73 69	eP	Pn	18 08 55.0	-1.0
SHO	Shikotan	3.73 69	eP	Pn	18 08 38.0	-0.7
SHO	Shikotan	3.73 69	eP	Pn	18 09 48.4	
SHO	Shikotan	3.73 69	eP	Pn	18 09 48.4	
SHO	Shikotan	3.73 69	eP	Pn	18 08 18.0	-1.2
SHO	Shikotan	3.73 69	eP	Pn	18 08 20.1	+0.8
SHO	Shikotan	3.73 69	eP	Pn	18 08 20.1	+0.8
SHO	Shikotan	3.73 69	eP	Pn	18 08 19.0	-1.2
SHO	Shikotan	3.73 69	eP	Pn	18 08 19.0	-1.2
SHO	Shikotan	3.73 69	eP	Pn	18 08 22.3	
JKMT	KesennumaTosoy	3.85 186	A	A	18 08 21.4	-1.5
JTB	Tobi-shima	3.91 209	A	A	18 08 21.7	
JYK	Kaneyama	3.92 199	A	A	18 08 21.2	-1.8
JYK	Kaneyama	3.92 199	A	A	18 08 21.5	-1.9
JYOZ	Yuyagayayawa	3.95 204	A	A	18 08 22.5	
JYOZ	Yuyagayayawa	3.95 204	A	A	18 08 22.4	-1.2
JIO	Ouri	4.21 187	A	A	18 08 24.4	
JIO	Ouri	4.21 187	A	A	18 08 22.8	-1.8
JKH	Ishinomaki	4.24 186	A	A	18 08 23.9	
YSS	Yuzh-Sakhalins	4.35 7	Pn	Pn	18 08 22.9	-1.8
YSS	Yuzh-Sakhalins	4.35 7	Pn	Pn	18 08 23.5	
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 22.9	-1.9
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 24.7	
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 25.3	-0.6
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 24.3	-1.6
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 24.4	
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 24.5	-1.5
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 43.1	-1.6
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 24.3	-1.6
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 24.3	-1.6
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 26.0	
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 25.1	-1.5
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 26.9	
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 25.9	-1.1
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 26.7	
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 26.8	-1.2
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 28.2	
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 27.7	
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 28.7	-0.3
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 28.8	
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 28.6	-1.4
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 30.2	
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 29.8	-0.5
YSS	Yuzh-Sakhalins	4.35 7	eP	Pn	18 08 30.2	
JOU	Okura	4.39 194	A	A	18 08 29.4	-1.8
JOU	Okura	4.39 194	A	A	18 08 31.4	
JYA	Atsumi	4.40 204	A	A	18 08 30.1	-1.6
JYA	Atsumi	4.40 204	A	A	18 08 32.1	
JYA	Atsumi	4.40 204	A	A	18 08 30.1	-1.6
TEY	Ternei	4.58 303	Amb	Amb	18 08 30.2	-1.7
TEY	Ternei	4.58 303	Amb	Amb	18 08 31.5	-0.5
TEY	Ternei	4.58 303	Amb	Amb	18 08 30.5	-1.5
TEY	Ternei	4.58 303	Amb	Amb	18 08 30.6	-1.3
TEY	Ternei	4.58 303	Amb	Amb	18 08 31.8	
TEY	Ternei	4.58 303	Amb	Amb	18 08 30.1	-2.3
TEY	Ternei	4.58 303	Amb	Amb	18 08 34.3	
TEY	Ternei	4.58 303	Amb	Amb	18 08 33.4	-1.6

Code	Station Name	Lat	Lon	Phase ID	Time	Res
JANG	Nango	2.29 189	A	A	18 08 36.7	
JANG	Nango	2.29 189	A	A	18 08 34.8	-1.6
JHHS	Hiroasahiyakuz	2.34 212	A	A	18 08 37.3</	

Table with columns: Station, Date, Time, and various codes. Includes stations like Changchun, Kunimi, Saikikamae, etc.

Table with columns: Station, Date, Time, and various codes. Includes stations like PET, JYAK, CJBJ, etc.

Table with columns: Station, Date, Time, and various codes. Includes stations like JMJ, HHC, BOD, etc.

N25K	S	S	18 23 07.8	+4.0	
I26K	Coal Creek Min	46.09 34	Iamb	Iamb	18 16 43.3
I26K	comp-Z, 11um, 1.9s		IAMS_20	IAMS_20	18 36 33.6
I26K	Coal Creek Min	46.09 34	P	P	18 16 22.0 +1.1
I26K	baz=279		S	S	18 23 05.8 +2.2
I26K	S	S	S	S	18 23 05.8 +2.2
FAKI	Fak Fak	46.20 194	P	P	18 16 20.5 -1.8
FAKI	Fak Fak	46.20 194	P	P	18 16 21.1 +0.7
FAKI	Fak Fak	46.20 194	P	P	18 16 21.1 -1.2
BMRM	Bremner River	46.21 40	P	P	18 16 25.2 +3.2
BMRM	baz=282,SNR=65		S	S	18 23 12.1 +6.6
CHKK	Chushkaly	46.26 295	eP	P	18 16 19.9 -2.7
CHKK	Chushkaly	46.26 295	eP	P	18 16 19.9 -2.7
RAGM	Ragged Mountai	46.29 41	Iamb	Iamb	18 16 41.7
RAGM	comp-Z, 11um, 1.2s		IAMS_20	IAMS_20	18 35 46.3
E27K	Coleen River	46.30 30	IAMS_20	IAMS_20	18 38 23.1
E27K	Coleen River	46.30 30	P	P	18 16 24.8 +2.2
E27K	baz=277,SNR=25		S	S	18 23 07.2 +0.5
SRDT	SRDT	46.35 246	P	P	18 16 22.1 -1.4
L26K	Log Cabin Wild	46.39 37	IAMS_20	IAMS_20	18 35 10.7
L26K	Log Cabin Wild	46.39 37	P	P	18 16 26.8 +3.5
L26K	baz=281,SNR=27		S	S	18 23 08.5 +0.4
L26K	baz=281		S	S	18 23 08.5 +0.4
D27M	Malcolm River	46.40 29	Iamb	Iamb	18 16 51.2
D27M	comp-Z, 655nm, 1.4s		IAMS_20	IAMS_20	18 36 54.6
D27M	Malcolm River	46.40 29	P	P	18 16 26.2 +2.8
D27M	comp-Z, 11um, 2.0s		S	S	18 23 07.9 -0.3
G27K	Doyon Strip	46.47 32	Iamb	Iamb	18 16 47.3
G27K	comp-Z, 728nm, 1.6s		IAMS_20	IAMS_20	18 38 50.6
G27K	Doyon Strip	46.47 32	P	P	18 16 26.7 +2.8
G27K	comp-Z, 89um, 1.8s		S	S	18 23 11.8 +2.7
MDOK	Medeo	46.48 294	eP	P	18 16 21.7 -2.8
MDOK	baz=294		eS	S	18 23 07.3 -2.8
MDOK	comp-Z, 173um, 16.6s	baz=294	LR	LR	18 36 37.0
MDOK	Medeo	46.48 294	eS	S	18 16 21.6 -2.9
MDOK	MLR	MLR	P	P	18 23 07.3 -2.8
GLB	Gilahina Butte	46.49 40	Iamb	Iamb	18 17 03.6
GLB	comp-Z, 934nm, 1.4s		IAMS_20	IAMS_20	18 37 22.4
HMT	Hamilton	46.50 41	IAMS_20	IAMS_20	18 37 05.9
KAIM	Kayak Island	46.52 42	P	P	18 16 27.9 +3.6
KAIM	baz=283,SNR=29		S	S	18 23 16.3 +6.4
AAA	Alma-Ata	46.55 294	eP	P	18 16 22.3 -2.7
AAA	comp-Z, 472nm, 1.2s	baz=294	LR	LR	18 36 59.5
AAA	Alma-Ata	46.55 294	eP	P	18 16 22.3 -2.7
AAA	Alma-Ata	46.55 294	eP	P	18 16 22.3 -2.7
AAA	comp-Z, 472nm, 1.2s		MLR	MLR	
EVN	Everest	46.58 270	P	P	18 16 24.5 -1.5
TNS5	Tian-Shan	46.60 294	eP	P	18 16 22.8 -2.9
TNS5	Tian-Shan	46.60 294	eP	P	18 16 22.8 -2.9
H27K	Steamboat Moun	46.61 33	P	P	18 16 28.5 +3.4
H27K	baz=279,SNR=39		S	S	18 23 14.1 +2.9
M26K	Nabesna, AK	46.67 38	IAMS_20	IAMS_20	18 37 27.1
M26K	Nabesna, AK	46.67 38	P	P	18 16 28.8 +3.2
M26K	baz=282,SNR=99		S	S	18 23 15.0 +2.9
M26K	baz=282		S	S	18 23 15.0 +2.9
I27K	Kandik River	46.68 34	P	P	18 16 28.1 +2.5
I27K	baz=280,SNR=12		S	S	18 23 15.2 +3.1
I27K	baz=280		S	S	18 23 15.2 +3.1
KUU	Kury	46.68 295	eP	P	18 16 23.4 -2.5
KUU	comp-Z, 296nm, 1.1s	baz=295	eS	S	18 23 10.4 -2.3
KUU	baz=295		LR	LR	18 36 43.1
KUU	Kury	46.68 295	eS	S	18 16 23.4 -2.5
KUU	comp-Z, 208um, 14.7s	baz=295	MLR	MLR	
KUU	comp-Z, 297nm, 1.1s		MLR	MLR	
VRDI	Verde Repeater	46.70 40	Iamb	Iamb	18 16 48.8
VRDI	comp-Z, 496nm, 0.9s		IAMS_20	IAMS_20	18 37 58.0
BERG	Berg Lake	46.76 41	IAMS_20	IAMS_20	18 37 03.8
K27K	Chicken	46.76 36	IAMS_20	IAMS_20	18 36 04.1
K27K	comp-Z, 113um, 21.0s		P	P	18 16 29.5 +3.2
K27K	baz=281		S	S	18 23 15.0 +1.8
K27K	S	S	S	S	18 23 15.0 +1.8
SANI	Sanana	46.78 202	P	P	18 16 28.3 +1.5
SANI	Sanana	46.78 202	P	P	18 16 25.1 -1.7
SANI	Sanana	46.78 202	P	P	18 16 24.5 -2.3
SUCK	Suckling Hills	46.80 41	Iamb	Iamb	18 16 46.1
LUWI	Luwuk	46.81 207	IAMS_20	IAMS_20	18 34 29.8
LUWI	Luwuk	46.81 207	P	P	18 16 26.7 -0.4
LUWI	Luwuk	46.81 207	P	P	18 16 26.2 -0.9
LUWI	Luwuk	46.81 207	P	P	18 16 23.8 -3.3
MCARA	McCarthy VSAT	46.87 40	IAMS_20	IAMS_20	18 37 43.5
MCARA	McCarthy VSAT	46.87 40	P	P	18 16 30.2 +3.1
MCARA	baz=283,SNR=194		S	S	18 23 18.8 +4.0
CRQM	Cirque	46.95 40	IAMS_20	IAMS_20	18 36 00.3
CRQE	Cirque	46.98 40	P	P	18 16 31.6 +3.5
CRQE	baz=283,SNR=80		S	S	18 23 21.3 +4.7
E28M	Babbage River	47.00 29	IAMS_20	IAMS_20	18 37 25.5
E28M	Babbage River	47.00 29	P	P	18 16 30.9 +2.9
E28M	comp-Z, 147um, 20.0s		S	S	18 23 16.9 +0.3
E28M	baz=279,SNR=58		S	S	
EGAK	Eagle	47.01 35	Iamb	Iamb	18 16 51.5
EGAK	comp-Z, 900nm, 1.1s		IAMS_20	IAMS_20	18 36 52.1

EGAK	Eagle	47.01 35	P	P	18 16 30.5 +2.4
EGAK	baz=281,SNR=81		S	S	18 23 17.9 +1.1
EGAK	Eagle	47.01 35	P	P	18 16 26.0 -2.1
BGLC	Bering Glacier	47.03 41	P	P	18 16 32.2 +3.9
BGLC	baz=284,SNR=18		S	S	18 23 22.4 +5.3
F28M	Old Crow	47.03 31	IAMS_20	IAMS_20	18 40 02.4
F28M	Old Crow	47.03 31	P	P	18 16 31.5 +3.2
F28M	comp-Z, 76um, 19.0s		S	S	18 23 18.8 +1.8
F28M	comp-Z, 279,SNR=10		S	S	18 35 41.5
L27K	Beaver Creek	47.06 37	IAMS_20	IAMS_20	18 35 41.5
L27K	Beaver Creek	47.06 37	P	P	18 16 31.9 +3.3
L27K	comp-Z, 152um, 22.0s		S	S	18 23 21.2 +3.5
L27K	baz=282,SNR=9.8		S	S	
TGL	Tana Glacier	47.10 40	Iamb	Iamb	18 16 47.2
TGL	comp-Z, 676nm, 1.0s		IAMS_20	IAMS_20	18 37 44.7
WAX	Waxell Ridge	47.16 41	IAMS_20	IAMS_20	18 37 25.2
D28M	Stokes Point	47.17 28	P	P	18 16 31.7 +2.4
D28M	comp-Z, 91um, 22.0s		S	S	18 23 17.1 -1.8
D28M	baz=279		S	S	18 16 33.2 +3.5
M27K	Edge Creek, AK	47.19 38	P	P	18 23 25.4 +5.8
M27K	comp-Z, 283,SNR=129		S	S	18 23 25.4 +5.8
M27K	baz=283		S	S	
SNH	Sunshine Point	47.23 41	IAMS_20	IAMS_20	18 37 58.1
BVAR	Borovoye Array	47.28 309	P	P	18 16 28.4 -2.0
BVAR	comp-Z, 43nm, 0.5s	baz=74,slow=9.4,SNR=124	PcP	PcP	18 18 00.4 -0.6
BVAR	comp-Z, 28nm, 0.6s	baz=83,slow=4.3,SNR=0.5	ScP	ScP	18 21 50.5 -1.4
BVAR	comp-Z, 9.1nm, 0.8s	baz=82,slow=3.4,SNR=1.0	S	S	18 23 19.3 -1.6
BVAR	comp-Z, 5.6nm, 0.9s	baz=270,slow=13.3,SNR=1.0	LR	LR	18 37 41.8
BVAR	comp-Z, 175um, 19.4s	baz=53,slow=38	PcKp	PcKp	18 46 39.7
BVAR	comp-Z, 1.1nm, 0.9s	baz=262,slow=1.0,SNR=2.3	PKPPKP	P'P'df	18 47 40.8 -1.2
BVAR	comp-Z, 5.0nm, 1.0s	baz=190,slow=2.7,SNR=4.3	P4KpCb		18 54 15.2
BVAR	comp-Z, 1.1nm, 0.5s	baz=61,slow=5.6,SNR=6.2			
BRVK	Borovoye	47.33 309	P	P	18 16 28.3 -2.5
BRVK	Borovoye	47.33 309	P	P	18 16 32.2 +1.4
BRVK	Borovoye	47.33 309	P	P	18 16 32.2 +1.4
BRVK	Borovoye	47.33 309	P	P	18 16 32.2 +1.4
BRVK	Borovoye	47.33 309	P	P	18 23 23.2 +1.6
BRVK	Borovoye	47.33 309	P	P	18 23 23.2 +1.6
BRVK	Borovoye	47.33 309	eP	P	18 16 28.3 -2.5
BRVK	Borovoye	47.33 309	eP	P	18 16 28.3 -2.5
BRVK	comp-Z, 2um, 1.5s		MLR	MLR	
BRVK	comp-Z, 185um, 18.0s		MLR	MLR	
BRVK	Borovoye	47.33 309	ScP	ScP	18 16 28.8 -2.0
BRVK	Borovoye	47.33 309	ScP	ScP	18 21 55.2 +3.2
BRVK	Borovoye	47.33 309	P	P	18 16 28.6 -2.2
ISLE	Juniper Island	47.37 41	Iamb	Iamb	18 16 51.3
ISLE	comp-Z, 683nm, 0.8s		IAMS_20	IAMS_20	18 38 30.8
ULHL	Ulahol	47.39 293	P	P	18 16 30.1 -1.6
I28M	Miner Creek	47.39 34	IAMS_20	IAMS_20	18 37 53.1
I28M	Miner Creek	47.39 34	P	P	18 16 34.5 +3.3
I28M	comp-Z, 128um, 19.0s		S	S	18 23 23.0 +0.5
I28M	Miner Creek	47.39 34	P	P	18 16 31.2 -1.7
TKM2	Tokmak 2	47.56 294	P	P	18 16 32.1 -1.7
GRNC	Granite Creek	47.62 40	Iamb	Iamb	18 16 51.2
GRNC	comp-Z, 770nm, 1.0s		IAMS_20	IAMS_20	18 38 19.2
E29M	Blow River	47.63 30	IAMS_20	IAMS_20	18 36 48.2
E29M	Blow River	47.63 30	P	P	18 16 35.8 +2.9
E29M	Blow River	47.63 30	P	P	18 23 25.6 0.0
E29M	baz=280		S	S	
MESA	MESA	47.66 41	IAMS_20	IAMS_20	18 35 36.5
MESA	comp-Z, 107um, 22.0s		P	P	18 16 37.4 +3.9
MESA	baz=284,SNR=35		S	S	18 23 31.0 +4.5
MESA	baz=284		S	S	
TABU	Tabubil	47.69 181	P	P	18 16 33.8 -0.1
BTLS	Baital	47.76 297	eP	P	18 16 31.6 -2.7
BTLS	comp-Z, 189nm, 1.1s	baz=297	eS	S	18 23 25.4 -2.5
BTLS	baz=297		eS	S	
BTLS	Baital	47.76 297	eP	P	18 16 31.5 -2.7
BTLS	Baital	47.76 297	eS	S	18 23 25.4 -2.5
BTLS	comp-Z, 189nm, 1.1s		MLR	MLR	
CTG	Chitna Glacier	47.76 40	P	P	18 16 37.6 +3.4
CTG	baz=284,SNR=41		S	S	18 23 30.1 +2.3
CTGM	Chitna Glacie	47.76 40	Iamb	Iamb	18 16 52.2
CTGM	comp-Z, 523nm, 0.8s		IAMS_20	IAMS_20	18 37 55.0
G29M	Pine Creek	47.87 32	P	P	18 16 38.0 +3.2
G29M	comp-Z, 98um, 21.0s		S	S	18 23 30.7 +1.8
G29M	baz=282,SNR=13		S	S	
H29M	Whitestone	47.87 33	IAMS_20	IAMS_20	18 38 27.6
H29M	comp-Z, 91um, 20.0s		P	P	18 16 38.2 +3.4
H29M	Whitestone	47.87 33	P	P	18 23 30.8 +1.8
H29M	baz=282,SNR=19		S	S	
DAWY	Dawson	47.91 36	IAMS_20	IAMS_20	18 38 00.8
DAWY	Dawson	47.91 36	P	P	18 16 38.1 +2.9
DAWY	comp-Z, 113um, 20.0s		S	S	18 23 28.7 -1.0
DAWY	baz=283,SNR=15		S	S	
DAWY	baz=283		S	S	
LOGN	Logan Glacier	47.95 40	IAMS_20	IAMS_20	18 38 30.0
YUK3	Moose Creek	47.97 39	P	P	18 16 39.1 +3.2
YUK3	comp-Z, 90um, 20.0s		S	S	18 23 35.3 +4.4
YUK3	baz=284,SNR=44		S	S	
TABL	Table Mountain	47.98 41	IAMS_20	IAMS_20	18 37 13.0
SGDS	Sogindy	47.99 295	eP	P	18 16 33.8 -2.3
SGDS	comp-Z, 300nm, 1.3s	baz=295	eS	S	18 23 29.3 -2.2
SGDS	baz=295		eS	S	
SGDS	Sogindy	47.99 295	eP	P	18 16 33.8 -2.3
SGDS	Sogindy	47.99 295	eS	S	18 23 29.2 -2.2
SBUM	Sibu	48.05 222	P	P	18 16 35.1 -1.6
SBUM	Sibu	48.05 222	P	P	18 16 36.1 -0.6
SBUM	Sibu	48.05 222	P	P	18 16 35.8 -1.0
I29M	Ogilvie Camp	48.08 34	IAMS_20	IAMS_20	18 38 24.2
I29M	Ogilvie Camp	48.08 34	P	P	18 16 39.4 +3.0
I29M	comp-Z, 126um, 19.0s		S	S	18 23 32.0 0.0
I29M	baz=283,SNR=28		S	S	
CHMS	Chumysh	48.09 295	P	P	18 16 34.8 -2.1
CHMS	SNR=10		P	P	18 16 35.4 -1.7
KBK	Karagaybulak	48.10 294	P	P	

Table with columns for station name, frequency, power, and coordinates. Includes stations like PMBI Hawaii, BKNR HUI, NRDN NARMADA, POHA Pohakuloa, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like DAG Danmarks Havn, JETT JETT, CBB Campbell River, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like VRH comp=N,11um,13.1s, OBN Obninsk, etc.

HATD	Hatta, Dubai	70.73 286	P	P	18 19 15.0 +1.7
HATD	SNR=82				
KONO	Kongsberg	70.81 337	S	S	18 28 28.0 +2.7
KONO	Kongsberg	70.81 337	P	P	18 19 10.4 -2.8
KONO			P	P	18 19 13.4 +0.2
KONO	comp=Z,5µm,2.0s		IVmB_BB		18 19 19.0
KONO			e		18 23 35.2
KONO			eS	S	18 28 26.9 +1.7
KONO			e		18 36 12.2
KONO	comp=Z,51µm,16.9s		IVMs_BB	IVMs_BB	18 55 27.9
KONO	Kongsberg	70.81 337	P	P	18 19 10.4 -2.8
KONO	comp=Z,193nm,0.9s		Pmax	Pmax	
KONO			MLR	MLR	
KONO	comp=Z,139µm,19.0s		MLR	MLR	
KONO	Kongsberg	70.81 337	P	P	18 19 10.8 -2.4
BBGB	Big Mountain B	70.82 58	Iamb	Iamb	18 19 32.9
JMDO	Jabal Madar	70.86 283	P	P	18 19 16.8 +2.6
JMDO	SNR=61		S	S	18 28 28.1 +1.3
ASHO	Ashiyah	70.87 286	I/P	P	18 19 12.3 -2.0
ASHO	SNR=126		S	S	18 19 15.7 +1.5
ASHO	ASHO	70.88 285	S	P	18 28 27.2 +0.2
SOHO	SNR=66		I/P	P	18 19 11.4 -2.9
SOHO	SOHO	70.88 285	P	P	18 19 16.3 +2.1
SOHO	SNR=66		S	S	18 28 29.0 +2.0
NAZ	Nazwa, Dubai	70.96 287	I/P	P	18 19 13.8 -1.0
NAZ	SNR=69		P	P	18 19 16.8 +2.0
NAZ	Nazwa, Dubai	70.96 287	P	P	18 28 31.1 +3.1
SUE	Sulen	70.97 340	eP	S	18 19 13.1 -1.1
SUE	comp=Z,6µm,2.0s		IVmB_BB		18 19 20.2
SUE			eS	S	18 28 25.5 -1.3
SUE			IVMs_BB	IVMs_BB	18 54 23.1
MI29	MI29, Kamyany	71.00 322	P	P	18 19 12.3 -2.3
DY2G	Dye2	71.03 4	I/P	P	18 19 17.7 +2.9
DY2G	comp=Z,413nm,0.7s		Iamb	Iamb	18 19 29.6
KVN	Kaiserville	71.05 54	Iamb	Iamb	18 19 24.4
KVN	comp=Z,379nm,0.9s		I/P	P	18 19 15.8 -0.2
FAQ	Al Faqa, Dubai	71.16 286	P	P	18 19 18.2 +2.2
FAQ	SNR=52		S	S	18 28 32.3 +2.0
FAQ	FAQ, Dubai	71.16 286	P	P	18 19 13.7 -1.9
RNP9P	Sopachiv	71.17 324	P	P	18 19 35.1
YHL	Hebgen Lake	71.18 46	Iamb	Iamb	18 53 14.8
YHL	comp=Z,501nm,1.0s		IAMS_20	IAMS_20	
FRB	Fröbisher Bay	71.22 14	LR	LR	18 52 44.1
FRB	comp=Z,96µm,21.1s,baz=330,slow=38				
RNP8	Varash	71.24 324	P	P	18 19 14.2 -1.8
RNP8	comp=Z,454nm,0.9s		Iamb	Iamb	18 19 25.4
YHB	YHB	71.24 46	IAMS_20	IAMS_20	18 53 17.4
GC1S	Gold Coast 1 S	71.27 169	P	P	18 19 17.0 +0.9
BSY	Bisya	71.24 283	P	P	18 19 18.4 +1.7
BSY	SNR=98		S	S	18 28 33.1 +1.4
RNP5P	Staryi Chorot	71.30 323	S	P	18 19 14.1 -2.3
LHV	Little Humint	71.32 55	Iamb	Iamb	18 19 26.5
LHV	comp=Z,516nm,1.0s				
NVAR	Mina Array Bea	71.32 55	P	P	18 19 15.1 -1.9
NVAR	Mina Array Bea	71.32 55	P	P	18 19 15.8 -1.2
NVAR	comp=Z,12nm,0.7s,baz=294,slow=5.9,SNR=40		P	P	18 47 08.4 -6.7
NVAR	comp=Z,13nm,1.2s,baz=146,slow=3.0,SNR=6.1		PKPPKP	P'df	
NVAR	comp=Z,15µm,19.3s,baz=304,slow=36		LR	LR	18 50 16.2
NVAR	comp=Z,0.1nm,0.3s,baz=296,slow=4.9,SNR=1.8		PKPPKP		18 55 54.6
NVAR	comp=Z,12nm,0.7s				
ASK	Askoy	71.34 339	eP	P	18 19 15.0 -1.4
ASK	comp=Z,6µm,2.1s		IVmB_BB		18 19 22.6
ASK			eS	S	18 28 31.9 +0.8
ASK			IVMs_BB	IVMs_BB	18 54 24.8
ARQ	Araqi	71.38 285	P	P	18 19 19.2 +1.9
ARQ	SNR=121		S	S	18 28 35.4 +2.5
ARQ	Bergen	71.39 339	eP	S	18 19 15.0 -1.7
BER	comp=Z,6µm,2.3s		IVmB_BB		18 19 22.8
BER			eS	S	18 28 34.2 +2.5
BER			IVMs_BB	IVMs_BB	18 54 25.0
LUBAR	Lubar, Ukraine	71.39 322	P	P	18 19 13.8 -3.2
GURO	Guroymak-BITLI	71.42 305	IAMS_20	IAMS_20	18 55 33.6
YMR	Madison River	71.42 46	Iamb	Iamb	18 19 34.5
YMR	comp=Z,406nm,0.9s		IAMS_20	IAMS_20	18 53 42.1
ASUD	AI Ashush, Dub	71.42 287	I/P	P	18 19 17.7 +0.1
ASUD	SNR=56		S	S	18 28 38.1 +4.8
ASUD	AI Ashush, Dub	71.42 287	P	P	18 19 20.6 +3.1
ASUD	SNR=56		S	S	18 19 23.1
ODD1	Odda	71.44 338	eP	P	18 19 15.4 -1.7
ODD1	comp=Z,6µm,2.2s		IVmB_BB		18 19 23.1
ODD1			eS	S	18 28 33.2 +0.7
ODD1			IVMs_BB	IVMs_BB	18 54 11.2
ALNE	AI Ain	71.48 286	I/P	P	18 19 18.6 +0.6
ALNE	SNR=61		P	P	18 19 20.6 +2.7
ALNE	AI Ain	71.48 286	P	P	18 28 35.1 +1.1
ALNE	SNR=142		IAMS_20	IAMS_20	18 53 43.7
YNM	Yellowstone No	71.52 46	IAMS_20	IAMS_20	18 50 49.2
YNM	comp=Z,45µm,19.0s				
YNR	Norris Junction	71.54 46	IAMS_20	IAMS_20	18 19 39.1
YNR	comp=Z,61µm,22.0s				
YFT	Old Faithful	71.63 46	Iamb	Iamb	18 19 17.4 -1.5
YFT	comp=Z,379nm,1.0s				
ELK	Elko	71.64 51	P	P	18 19 17.4 -1.5
ELK	comp=Z,7.6nm,0.8s,baz=307,slow=6.7,SNR=18		LR	LR	18 46 44.5
ELK	comp=Z,25µm,21.8s,baz=333,slow=36		PKPPKP		18 47 03.1
ELK	comp=Z,2.6nm,0.8s,baz=111,slow=4.5,SNR=7.5				
SIM	Simferopol	71.69 315	eP	P	18 19 17.1 -1.7
SIM	comp=Z,7.6nm,0.8s		eS	S	18 28 35.7 -0.1
SIM			eSS	SS	18 33 11.0 +0.1
SIM			Pmax	Pmax	
SIM	comp=Z,650nm,1.0s		MLR	MLR	
SIM	comp=E,4µm,9.4s				
AJN	Ajban	71.70 287	I/P	P	18 19 19.3 +0.1
AJN	SNR=54		P	P	18 19 20.4 +1.1
AJN	Ajban	71.70 287	P	P	18 28 38.6 +2.1
AJN	SNR=147		S	P	18 19 22.6 +2.6
MHTO	MHTO	71.83 282	S	S	18 28 40.3 +2.3
BLSS	Blasjo	71.90 338	eP	P	18 19 18.1 -1.8
BLSS	comp=Z,5µm,2.2s		IVmB_BB		18 19 26.0
BLSS			IVMs_BB	IVMs_BB	18 54 24.0
AULRC	Lightning Ridg	71.92 175	P	P	18 19 19.9 -0.3
FLMY	Flagg Ranch	71.95 46	Iamb	Iamb	18 19 45.5
FLMY	comp=Z,2µm,1.9s				
RW2	Red Lodge	72.00 45	IAMS_20	IAMS_20	18 55 05.5
RW2	comp=Z,43µm,18.0s				
ANGG	Ammassalik, Gr	72.08 360	IAMS_20	IAMS_20	18 55 16.7

ANGG	Ammassalik, Gr	72.08 360	I/P	P	18 19 22.6 +1.8
ANGG	comp=Z,78nm,0.6s		Iamb	Iamb	18 19 29.7
ISOG	Isortog, Green	72.15 0	I/P	P	18 19 23.0 +1.8
BORG	Borgarnes	72.16 353	Iamb	Iamb	18 19 20.0 -1.3
BORG	comp=Z,912nm,1.6s		LR	LR	18 51 38.9
BORG	Borgarnes	72.16 353	LR	LR	18 19 20.0 -1.3
BORG	comp=Z,18µm,20.5s,baz=13,slow=36		Pmax	Pmax	
BORG	comp=Z,912nm,1.6s		MLR	MLR	
DGMT	Teton Pass	72.21 40	IAMS_20	IAMS_20	18 51 22.5
DGMT	comp=Z,24µm,19.0s				
DGMT	Dagmar	72.21 40	Iamb	Iamb	18 19 30.3
TPAW	Teet Pass	72.22 47	Iamb	Iamb	18 19 31.7
TPAW	comp=Z,704nm,1.2s				
MEEK	Meekatharra	72.23 202	P	P	18 19 24.1 +1.9
HOMB	Homborsund	72.27 336	eP	P	18 19 19.8 -2.3
HOMB	comp=Z,5µm,2.5s		IVmB_BB		18 19 27.6
HOMB	comp=Z,38µm,17.8s		IVMs_BB	IVMs_BB	18 54 10.8
SNOW	Snow King Moun	72.34 47	IAMS_20	IAMS_20	18 52 57.5
SNOW	comp=Z,39µm,21.0s				
HVU	Hansel Valley	72.36 49	IAMS_20	IAMS_20	18 54 19.1
HVU	comp=Z,46µm,20.0s				
SORM	Soroca	72.38 320	I/P	P	18 19 23.9 +1.0
SORM	Soroca	72.38 320	P	P	18 19 23.8 +1.0
SORM	Soroca	72.38 320	P	P	18 19 20.3 -2.6
SORM	comp=Z,689nm,1.0s,comp=Z,1µm				
KMY	Karmoy	72.41 338	eP	P	18 19 21.2 -1.6
KMY	comp=Z,6µm,2.4s		IVmB_BB		18 19 28.9
KMY			eS	S	18 28 43.9 +0.4
KMY			e		18 37 11.5
KMY			IVMs_BB	IVMs_BB	18 54 43.8
LAO	LASA Array	72.47 42	Iamb	Iamb	18 19 32.5
LAO	comp=Z,34µm,16.2s		IAMS_20	IAMS_20	18 50 43.8
LAO	comp=Z,766nm,1.1s				
HORU	Horodok	72.50 322	P	P	18 19 21.9 -1.8
NDNU	Novodnistrovsk	72.51 321	P	P	18 19 21.9 -1.8
NDNU	comp=Z,38µm,1.0s				
OSD	Osterada, Den	72.54 305	P	P	18 19 22.0 -2.0
SNART	Snartemo	72.59 337	eP	P	18 28 45.4 -0.3
SNART			eS	S	18 28 45.4 -0.3
SNART			IVMs_BB	IVMs_BB	18 54 31.8
AHID	Auburn Hatcher	72.62 48	IAMS_20	IAMS_20	18 52 28.0
AHID	comp=Z,61µm,16.9s				
BSD	Bornholm Skovb	72.74 331	eP	P	18 19 25.5 +0.6
BSD	Bornholm Skovb	72.74 331	I/P	P	18 19 27.5 +2.6
BSD	comp=Z,161nm,0.6s		Iamb	Iamb	18 19 32.3
UMZA	Um Al Zomool	72.75 285	P	P	18 19 26.6 +1.1
UMZA			S	S	18 28 48.6 +0.1
PURM	Purcari	72.77 318	I/P	P	18 19 25.2 0.0
DOM	DNM=24	72.81 281	P	P	18 19 27.9 +2.0
DOM			S	S	18 28 51.0 +1.7
LRCR	Leigh Creek	72.81 183	P	P	18 19 26.3 +0.8
GRAC	Grapevine Rang	72.82 55	Iamb	Iamb	18 19 39.5
GRAC	comp=Z,644nm,0.3s				
SPUT	Southern Promont	72.85 49	IAMS_20	IAMS_20	18 54 36.2
SPUT	comp=Z,49µm,20.0s				
BCW	Bitter Crk WRG	72.88 58	Iamb	Iamb	18 19 55.4
BCW	comp=Z,826nm,1.1s				
MULG	Mulgathing	72.93 187	P	P	18 19 25.9 -0.3
MULG	comp=Z,826nm,1.1s				
KIS	Kishinev	72.95 319	eP	P	18 19 24.0 -2.3
KIS			eS	S	18 22 07.0
KIS			e		18 28 40.8 -2.2
KIS			Pmax	Pmax	
KIS	comp=Z,690nm,1.1s		MLR	MLR	
KMPD	K-Podol'skiy	72.96 321	P	P	18 19 23.9 -2.4
KMPD	comp=Z,42µm,15.5s		P	P	18 19 23.8 -2.5
JRN	Jarnain Island	72.97 288	P	P	18 19 27.8 +1.0
JRN	SNR=24		S	S	18 28 52.9 +1.9
NUUK	Nuuk	72.97 6	I/P	P	18 19 29.2 +3.1
NUUK	comp=Z,213nm,0.8s		Iamb	Iamb	18 19 38.2
MZWR	Madinat Zayed	72.99 287	P	P	18 19 28.9 +1.9
MZWR			S	S	18 28 48.8 -2.5
Q12A	Willow Creek R	72.99 52	Iamb	Iamb	18 19 45.8
Q12A	comp=Z,412nm,0.8s				
R11B	Troy Canyon, C	73.00 53	P	P	18 19 29.5 +2.5
R11B	baz=311		S	S	18 28 56.5 0.0
R11B	baz=311		S	S	18 19 27.4 +0.7
MILM	Milestii Mici	73.01 319	I/P	P	18 19 24.0 -2.7
MILM	Milestii Mici	73.01 319	eP	P	18 22 07.0
MILM			eS	S	18 28 47.0 -3.8
MILM			MLR	MLR	
MILM	comp=Z,143µm,15.5s		MLR	MLR	
MILM	comp=N,70µm,15.0s				
MILM	comp=E,24µm,14.0s				
BEL	Belsk	73.02 326	eP	P	18 19 25.0 -1.6
BEL			eP	P	18 22 10.2 +1.3
BEL			eS	S	18 28 51.3 +0.5
BEL			eL	L	18 54 01.9
GOET	Goethel	73.08 335	I/P	P	18 19 29.0 +2.2
GOET	comp=Z,128µm,20.0s				
COP	Copenhagen	73.14 333	I/P	P	18 19 29.9 +2.6
DRBR	Darabani	73.14 321	I/P	P	18 19 28.4 +0.9
LVV	L'vov	73.14 323	P	P	18 19 26.1 -1.3
HWUT	Hardware Ranch	73.14 49	Iamb	Iamb	18 19 37.1
HWUT	comp=Z,431nm,1.1s		IAMS_20	IAMS_20	18 54

X16A	comp-Z,18um,1.10s	78.11	54	I	Amb	I	Amb	18 20 05.8
DIM	Dimitrovgrad	78.13 317	P	P				18 20 03.6 +7.5
EDM	Edmundsbyers	78.16 340	P	P				18 19 54.1 -1.9
EYMN	Ely	78.20 34	I	Amb	I	Amb	I	18 55 56.7
EYMN	Ely	78.20 34	I	Amb	I	Amb	I	18 20 03.9
GE2C	GERESS Array S	78.20 328	eP	P				18 19 54.7 -1.8
GE2C	GERESS Array B	78.20 328	eP	P				18 20 01.2 -4.7
GERES	GERESS Array B	78.20 328	eP	P				18 19 53.5 -3.0
GERES	GERESS Array B	78.20 328	eP	P				18 19 54.6 -1.9
GERES	comp-Z,0.5nm,0.6s,baz=266,slow=39,SNR=1.6		S	S				18 29 47.9 -0.4
GERES	comp-Z,1.2nm,0.7s,baz=228,slow=1.2,SNR=4.5		PKKPbc	PKKPbc				18 38 52.5 -1.1
GERES	comp-Z,0.7nm,0.7s,baz=162,slow=0.8,SNR=3.8		PKPPK P	P	P	P	P	18 46 52.4 -1.1
GERES	comp-Z,55um,19.0s,baz=27,slow=39		LR	LR				18 58 49.8
GERES	GERESS Array B	78.20 328	eP	P				18 19 53.5 -3.0
KASTN	Kahler Asten	78.20 332	eP	P				18 19 54.6 -1.7
KASTN	Mrgy, Hungar	78.23 324	P	P				18 20 01.1 -4.6
MORH	Mrgy, Hungar	78.23 324	P	P				18 19 57.0 +0.4
MORH	Mrgy, Hungar	78.23 324	P	P				18 19 54.2 -2.4
BHL	Bhannes	78.35 305	eP	P				18 20 00.7 +3.1
BUG	Bochum-Univers	78.39 333	eP	P				18 19 55.4 -1.9
BUG	comp-Z,425nm,1.1s,baz=38,slow=5.6		eP	P				18 20 02.0 -4.5
AUMAG	Moama Anglican	78.40 178	P	P				18 19 58.4 +1.0
S22A	4UR Ranch, Cre	78.45 49	I	Amb	I	Amb	I	18 56 04.4
S22A	4UR Ranch, Cre	78.45 49	P	P				18 20 01.4 +3.0
S22A	baz=316,SNR=91		S	S				18 29 56.8 +5.0
GRA1	Grafenberg Arr	78.45 330	I	Amb	I	Amb	I	18 20 22.8
GRA1	comp-Z,918nm,1.1s							
KBA	Grafenberg Arr	78.45 330	eP	P				18 19 56.6 -1.2
GRF	comp-Z,4um,2.3s,baz=35,slow=5.6		eP	P				18 20 03.1 -3.8
GRF			eS	L				18 29 55.7 +4.8
GRF			eS	L				18 57 50.9
GRFO	Grafenberg	78.45 330	P	I	Amb	I	Amb	18 19 55.3 -2.4
GRFO	comp-Z,951nm,1.1s							
GRFO	Grafenberg	78.45 330	P	P				18 19 55.3 -2.4
GRFO	comp-Z,951nm,1.1s		MLR	MLR				
NEWG	New Galloway	78.46 341	eP	I	Amb	I	Amb	18 19 55.8 -1.9
NEWG	comp-Z,280nm,1.2s							
PGB	Pangyurty	78.48 318	P	P				18 20 03.9 +5.8
FRGS	Fruska Gora	78.53 322	P	P				18 19 56.0 -2.3
KDZ	Kurdzhali	78.56 317	P	P				18 20 04.1 +5.6
NWAO	Narogin (SRO)	78.56 201	P	P				18 19 56.5 -1.8
NWAO	comp-Z,553nm,0.8s		I	Amb	I	Amb	I	18 20 07.3
NWAO	Narogin (SRO)	78.56 201	P	P				18 19 57.9 -0.4
NWAO	Narogin (SRO)	78.56 201	P	P				18 20 02.7 +4.4
NWAO	Narogin (SRO)	78.56 201	S	S				18 29 57.4 +5.5
NWAO	Narogin (SRO)	78.56 201	S	S				18 19 56.5 -1.8
ISLH	Isparta	78.57 311	I	Amb	I	Amb	I	18 59 32.4
W18A	Petrified Fore	78.64 53	P	P				18 20 02.8 +3.5
W18A	baz=315		S	S				18 29 59.3 +5.6
KESW	Keswick, Cumbr	78.67 340	eP	P				18 19 57.5 -1.3
OGNE	Ogallala	78.70 44	I	Amb	I	Amb	I	19 01 37.7
ALN	Alexandroupoli	78.74 316	I	Amb	I	Amb	I	18 20 17.1
ALN	comp-Z,810nm,1.3s		I	Amb	I	Amb	I	18 57 51.1
ARSA	Arzberg	78.75 326	iP	P				18 19 57.6 -1.8
ARSA	comp-Z,77nm,2.4s,SNR=27		ePcP	PcP				18 20 05.3 -2.9
ARSA	comp-Z,2um,2.6s		eS	S				18 29 55.4 +1.3
ARSA	comp-Z,9um,10.7s		PKKP	PKKP				18 38 45.1 +6.1
MOA	Molin	78.78 327	eP	P				18 19 56.8 -2.8
MOA	comp-Z,180nm,4.1s,SNR=68		iPcP	PcP				18 20 05.1 -3.2
MOA	comp-Z,3um,3.9s		eS	S				18 29 57.3 +2.8
MOA	comp-Z,11um,10.2s		ePKKP	PKKPbc				18 38 58.2 +6.0
ASF	Jabal al Asfar	78.78 303	LR	LR				19 00 04.1
GAL1	Galloway	78.81 341	eP	P				18 19 57.9 -1.7
CAVK	Edirne/Enez-Ca	78.83 316	P	P				18 20 00.7 +0.8
BOVS	Bovan	78.83 320	P	P				18 20 00.5 +0.6
VTS	Vitosha	78.86 319	P	P				18 20 06.7 +6.4
AUSMG	Snowy Mountain	78.91 175	eP	P				18 20 00.1 -0.2
CLGH	Cloghs, Cushen	78.94 342	eP	P				18 19 59.6 -0.7
214A	Organ Pipe Nat	78.96 57	I	Amb	I	Amb	I	18 50 44.7
214A	Organ Pipe Nat	78.98 57	P	P				18 20 04.1 +3.1
214A	baz=314		S	S				18 30 01.6 +4.5
RAYN	Ar Rayn	78.98 292	P	P				18 19 58.2 -3.0
RAYN	Ar Rayn	78.98 292	P	P				18 19 59.6 -1.5
RAYN	Ar Rayn	78.98 292	P	P				18 20 04.1 +2.9
RAYN	Ar Rayn	78.98 292	S	S				18 29 58.8 +1.4
RAYN	Ar Rayn	78.98 292	P	P				18 19 58.2 -3.0
RAYN	comp-Z,2um,1.7s		MLR	MLR				
CSS	Mathiatis	78.99 308	I	Amb	I	Amb	I	18 20 22.6
TNS	Tanus Mts	79.01 332	eP	P				18 19 59.0 -1.9
ARPS	Mount Arapiles	79.03 180	P	P				18 20 05.7 -3.6
MMAI	Mount Meron Ar	79.11 305	P	P				18 20 01.7 +0.9
MMAI	comp-Z,1.4nm,0.6s,baz=43,slow=7.4,SNR=19		S	S				18 29 58.3 -0.3
MMAI	comp-Z,0.6nm,0.2s,baz=40,slow=19,SNR=5.7		PKKPbc	PKKPbc				18 38 50.8 -0.5
MMAI	comp-Z,0.2nm,0.3s,baz=253,slow=1.5,SNR=1.3		LR	LR				18 58 55.1
TEKS	Tekeris	79.13 322	iP	P				18 19 59.0 -2.6
BIOA	Bad Ischl, Aus	79.16 327	eP	P				18 19 60.0 -1.7
BIOA	comp-Z,1.4nm,0.9s,SNR=42		iPcP	PcP				18 20 06.8 -3.2
BIOA	comp-Z,2um,2.2s		eS	S				18 29 59.3 +0.9
SBCO	Great Sand Dunes	79.19 48	I	Amb	I	Amb	I	18 58 31.8
AHRW	Bad Neuenahr-A	79.21 333	eP	P				18 20 00.3 -1.6
AHRW	comp-Z,2um,2.2s,baz=35,slow=5.7		eP	P				18 20 07.0 -3.1
E38A	The Farm, Brul	79.24 34	I	Amb	I	Amb	I	18 20 09.5
E38A	comp-Z,53um,19.0s		I	Amb	I	Amb	I	18 57 51.3
ECSD	EROS Data Cent	79.26 39	I	Amb	I	Amb	I	18 20 10.1
IDGL	Inch Island, C	79.26 343	P	P				18 20 00.9 -1.1
IOIK	Kirk Michael	79.32 341	P	P				18 20 00.6 -1.8
WACR	West Acre	79.33 337	eP	I	Amb	I	Amb	18 20 01.7 -0.8
WACR	comp-Z,1um,1.6s		I	Amb	I	Amb	I	18 20 09.8
LBWR	Ladybower, Pea	79.38 339	eP	P				18 20 01.2 -1.5
LBWR	comp-Z,2um,1.7s		I	Amb	I	Amb	I	18 20 10.3

PERS	Pernice	79.40 326	iP	P				18 20 04.2 +1.0
PERS			eS	S				18 20 02.9 +1.7
PERS			ePKKPbc	PKKPbc				18 38 58.6 +7.7
SOKA	Soboth	79.41 326	iP	P				18 46 56.3
SOKA	comp-Z,39nm,1.2s,SNR=61		iPcP	PcP				18 20 01.1 -2.1
SOKA	comp-Z,2um,2.2s		eS	S				18 20 08.4 -2.8
SOKA	comp-Z,9um,10.7s		ePKKP	PKKPbc				18 38 56.5 +5.6
MMB	Musomishta	79.41 318	P	P				18 20 09.0 +5.8
BEBN	Eben Emael	79.46 334	dP	P				18 20 01.5 -1.7
BTNL	Ternel	79.58 174	dP	P				18 20 01.4 -2.1
KKB	Krupnik	79.50 318	P	P				18 20 09.8 +6.1
MEM	Membach	79.52 333	dP	P				18 20 01.1 -2.5
MLA	Mila	79.58 174	P	P				18 20 04.4 +0.5
BSTI	Sart Tilman	79.68 333	dP	P				18 20 02.3 -2.2
FUR	Furstenfeldbru	79.69 329	eP	P				18 20 03.1 -1.5
FUR	comp-Z,9um,2.2s,baz=35,slow=5.6		eP	P				18 20 09.8 -2.5
BLLS	Lazi#263i	79.72 322	iP	P				18 20 02.8 -2.1
BHOU	Houvegeit	79.73 333	iP	P				18 20 03.2 -1.5
OBKA	Obi	79.74 326	eP	P				18 20 02.9 -2.0
OBKA	comp-Z,10nm,0.8s,SNR=24		eP	P				18 20 10.4 -2.2
OBKA	comp-Z,2um,2.7s		eS	S				18 20 06.5 +1.7
OBKA	comp-Z,11um,9.4s		ePKKP	PKKPbc				18 38 58.2 +8.1
OBKA	comp-Z,12um,15.6s		iP	P				18 20 02.6 -2.4
LESA	Schwarzleotol	79.75 328	iP	P				18 20 03.3 -1.7
LESA	comp-Z,50nm,1.3s		eP	P				18 20 10.8 -1.8
LESA	comp-Z,2um,2.3s		eS	S				18 30 07.5 +2.6
HAPS	Han Pijesak,Bl	79.75 322	iP	P				18 20 03.2 -1.9
KBA	Koelnbreinsper	79.77 327	iP	P				18 20 03.2 -2.0
KBA	comp-Z,36nm,1.2s,SNR=61		eP	P				18 20 11.1 -1.8
KBA	comp-Z,2um,2.3s		S	S				18 20 06.5 +1.2
ELMS	Elmasd, Ipsawi	79.79 337	eP	I	Amb	I	Amb	18 20 03.4 -1.6
KSCO	Kaye Shedlock	79.81 46	I	Amb	I	Amb	I	18 20 15.3
KSCO	comp-Z,723nm,1.2s		I	Amb	I	Amb	I	18 55 13.3
BRAT	Ballarat	79.83 178	P	P				18 20 06.2 +1.1
SCHO	Schefferville	79.83 16	P	P				18 20 02.9 -2.3
SCHO	comp-Z,26nm,0.9s,baz=332,slow=6.6,SNR=15		S	S				18 30 05.0 -0.3
SCHO	comp-Z,4.8nm,0.9s,baz=88,slow=19,SNR=0.9		P	P				18 46 59.0 -1.5
SCHO	comp-Z,15nm,1.1s,baz=174,slow=1.1,SNR=5.1		LR	LR				18 20 09.0
TOO	Toolangi	79.90 177	P	P				18 20 06.1 +0.5
CRES	Cresnev	79.91 325	iP	P				18 20 03.0 -2.8
BCLA	Clavier	79.91 334	dP	P				18 20 03.0 -2.7
SJES	Sjessa	79.92 321	iP	P				18 20 04.1 -2.0
RUDO	Rudo	79.93 322	eP	P				18 20 07.8 +1.9
A051A	Mravokica	79.94 324	iP	P				18 20 08.5 +2.5
ILTH	Beluragan, Co L	79.96 342	P	P				18 20 06.5 +0.7
STU	Stuttgart	79.96 330	eP	P				18 20 04.2 -1.8
STU	comp-Z,5um,2.2s,baz=95,slow=5.6		eP	P				18 20 10.8 -2.6
TUC	Tucson	79.97 55	P	P				18 20 05.4 -1.1
TUC	Tucson	79.97 55	P	P				18 20 05.4 -1.1
TUC	comp-Z,203nm,1.0s		MLR	MLR				
BGES	Gesves	80.01 334	dP	P				18 20 04.0 -2.3
MYKA	Terra Mystica	80.01 327	iP	P				18 20 04.1 -2.3
MYKA	comp-Z,1um,2.0s		iPcP	PcP				18 20 11.5 -2.3
MYKA	comp-Z,9um,9.8s		eS	S				18 30 07.6 -0.1
BLY	Banja Luka	80.02 324	iP	P				18 20 09.4 +3.0
WPS	Cemaes, Angles	80.09 340	eP	I	Amb	I	Amb	18 20 05.9 -0.6
LJU	Ljubljana	80.12 326	eP	P				18 20 04.8 -2.1
LJU			iP	P				18 20 08.7
LJU			iP	P				18 23 20.5 +1.2
LJU			eS	S				18 25 15.6
LJU			eS	S				

5d 18h

2018 SEP

Table with columns for station name, frequency, and other parameters. Includes stations like PVAQ, PTEO, PBDV, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like CHPN, KRI, KRO, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like RCBR, RCBR, PB18, etc.

Code	Station Name	n281, s1814/296, mb5.2/94, 4C-12D, Hokkaido region	Phase ID	Time	Res
JIAM	Iburiatsuma	0.01 198	Op	ISC	h m s ISC
JIAM	JIAM	18 17 13.9 +0.4	Sb	Pb	
JIBT2	Biratori 2	0.35 66	US	Pb	
JIBT2	JIBT2	18 17 15.9 +0.1	Sb	Pb	
JEW	Eniwo	0.41 300	JP	Pn	
JEW	JEW	18 17 18.8 -0.1	Pn	Pn	
JSHD	Hidakashinhida	0.46 119	JP	Sn	
JSHD	JSHD	18 17 26.0 +0.4	Sn	Sn	
JNB	Noboribetsu	0.68 256	JP	Pb	
JNB	JNB	18 17 19.2 -0.4	Pb	Pb	
JNB	JNB	18 17 21.1 0.0	Pb	Pb	
JNBK	Urakawa-nobuka	0.71 120	JP	Pb	
JNBK	JNBK	18 17 22.3 -0.3	Pb	Pb	
JFR	Furan	0.72 43	JP	Pb	
JFR	JFR	18 17 22.6 -0.2	Pb	Pb	
JISS	Ishikarishtsu	0.74 330	JP	Sa	
JISS	JISS	18 17 23.9 +0.4	Sa	Sa	
JISS	JISS	18 17 35.0 +1.1	Sa	Sa	
JISS	JISS	18 17 23.9	Sa	Sa	
JAB	Ashibetsu	0.90 14	JP	Pb	
JAB	JAB	18 17 26.7 +0.9	Pb	Pb	
JAB	JAB	18 17 39.9 +2.2	Pb	Pb	
JKB	Kayabe	1.00 222	JP	Pn	
JKB	JKB	18 17 27.1 +0.1	Pn	Pn	
JKB	JKB	18 17 40.3 +0.2	Pn	Pn	
JCH	Churui	1.06 91	JP	Pn	
JCH	JCH	18 17 27.4 -0.4	Pn	Pn	
ERM	Ermo	1.10 124	Pn	Pn	
ERM	ERM	18 17 28.6 +0.2	Pn	Pn	
ERM	ERM	18 17 28.6 +0.2	Pn	Pn	
JEM	Ermo	1.10 124	Pn	Pn	
JEM	JEM	18 17 28.8 +0.4	Pn	Pn	
JEM	JEM	18 17 28.4 0.0	Pn	Pn	
JEM	JEM	18 17 28.4 0.0	Pn	Pn	
JKR	Hokuryu	1.12 53	JP	Pb	
JKR	JKR	18 17 29.5 0.0	Pb	Pb	
ASAJ	Asahikawa	1.56 18	JP	Pb	
ASAJ	ASAJ	18 17 36.0 -1.0	Pb	Pb	
ASAJ	ASAJ	18 17 56.4 0.0	Sb	Sb	
ASAJ	ASAJ	18 17 56.4 0.0	Sb	Sb	
JKA	Kamikawa-asahi	1.57 218	Pn	Pn	
JKA	JKA	18 17 35.8 +1.1	Pn	Pn	
JKA	JKA	18 17 36.0 -1.1	Pn	Pn	
JTM	Tenmabayashi	1.96 199	Pn	Pn	
JTM	JTM	18 17 41.6 +1.5	Pn	Pn	
JTM	JTM	18 17 43.1 -0.7	Pn	Pn	
YUK	Yuzh-Kuril'sk	3.19 63	eP	Pb	
YUK	YUK	18 17 58.9 +1.7	Pb	Pb	
YUK	YUK	18 18 06.6	AMB	AMB	
YUK	YUK	18 18 06.6	AMB	AMB	
YUK	YUK	18 18 35.8 +1.5	eS	A	
YUK	YUK	18 18 41.4	A	A	
YUK	YUK	18 18 41.4	A	A	
YUK	YUK	18 17 58.9 +1.7	eP	Pn	
YUK	YUK	18 18 38.2 +3.9	eS	Sn	
YUK	YUK	18 18 38.2 +3.9	eS	Sn	
YUK	YUK	18 18 05.9	smax	smax	
YUK	YUK	18 18 05.9	smax	smax	
SHO	Shikotan	3.79 69	eP	Pn	
SHO	SHO	18 18 05.1 -0.3	Pn	Pn	
SHO	SHO	18 18 05.9	AMB	AMB	
SHO	SHO	18 18 05.9	AMB	AMB	
SHO	SHO	18 18 47.0 -2.0	eS	A	
SHO	SHO	18 18 49.0	A	A	
SHO	SHO	18 18 49.0	A	A	
SHO	SHO	18 18 49.0	A	A	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 47.3 -1.7	eS	Sn	
SHO	SHO	18 18 05.1 -0.3	eP	Pn	

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

JMA 05 18:19:50.4, 0.1, 42.72N, 0.5, 142.0E, 0.6, h40km, 1km, MV3.9/33, ISHIKARI DEPRESSION

ISC 05 18:20:40, mb4.1/13, 11D, Hokkaido region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various seismic stations and their data.

Table with columns: Code, Station Name, Time, Res, h, m, s, ISC. Lists stations like JMN Monobe, JKSRS Korea Array, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like GOPC, KRUC, PRU, GZR, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like BDFB, MT01, MT13, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like KURBB, G29K, E24K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes entries for AKASG, AKKB, KIEV, CMB, YERR, BOZ, UOSS, GURO, WCT, PDAR, TPNV, KWP, PSUT, BUR08, BURAR, MJP, CCUT, MTPU, BRTR, MORC, MORH, CLL, JAVC, PV10, PV22, PV20, PV17, EKA, CONA, RONA, GERES, ARSA, MMAI, SOKA, LESA, FUORN, TXAR, ESCD, SNAAB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes entries for JKA, JTM, JMJAR, INU, MA2, SEY, SONM, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, ZALV, G18K, F19K, E19K, H19K, H19K, B20K, J20K, J20K, IMAR, MK31, MKAR, MKAR, G21K, MAKZ, MAKZ, H21K, H21K, E22K, E22K, KURBB, KURBB, G23K, H23K, H23K, CMAR, E24K, OHY, ILAR, KLU, SKR, SKR, J26L, J26L, FAKI, BVAR, BVAR, ABKAR, WRA, FINES, ASAR, HFS, NOA, AKASG, NVAR, PDAR, EKA, MMAI, SNAAB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes entries for ASAR, HFS, NOA, PDAR, SNAAB, NEIC, JMA, JMA, SKHL, IDC, ISC, JIAM, JIAM, JBT2, JBT2, JSHD, JSHD, JEW, JEW, JFR, JFR, JNBK, JNBK, JISS, JISS, JISS, JISS, JNB, JNB, JAB, JAB, JAB, JAB, JCH, JCH, JHR, JHR, JKB, JKB, JYM2, ASAJ, ASAJ, JKA, JMD, JTD, JTKN, YUK, YUK, YUK, YUK, SHO, SHO, SHO, SHO, YSS, YSS, YSS, YSS, JMM, JMM, KUR, KUR, KUR, KUR, JSD, JSD, MAJO, MAJO, MAJO, MAJO, USA0B, USA0B, USA0B, USA0B, JGF, JGF, INU, INU, JSG, JSG, JHG, JHG, JHU2, JHU2, KSR5, KSR5, KS19, KS19, KSAR, KSAR, TJN, TJN, JUNU, JUNU, PETK, PETK, YAK, YAK, YAK, YAK, SEY, SEY, GUMO, GUMO, H11N2, H11N2, H11N1, H11N1, H11S1, H11S1, H11S2, H11S2, S12K, S12K, ZAAO, ZAAO, ZALV, ZALV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes entries for ASAR, HFS, NOA, PDAR, SNAAB, NEIC, JMA, JMA, SKHL, IDC, ISC, JIAM, JIAM, JBT2, JBT2, JSHD, JSHD, JEW, JEW, JFR, JFR, JNBK, JNBK, JISS, JISS, JISS, JISS, JNB, JNB, JAB, JAB, JAB, JAB, JCH, JCH, JHR, JHR, JKB, JKB, JYM2, ASAJ, ASAJ, JKA, JMD, JTD, JTKN, YUK, YUK, YUK, YUK, SHO, SHO, SHO, SHO, YSS, YSS, YSS, YSS, JMM, JMM, KUR, KUR, KUR, KUR, JSD, JSD, MAJO, MAJO, MAJO, MAJO, USA0B, USA0B, USA0B, USA0B, JGF, JGF, INU, INU, JSG, JSG, JHG, JHG, JHU2, JHU2, KSR5, KSR5, KS19, KS19, KSAR, KSAR, TJN, TJN, JUNU, JUNU, PETK, PETK, YAK, YAK, YAK, YAK, SEY, SEY, GUMO, GUMO, H11N2, H11N2, H11N1, H11N1, H11S1, H11S1, H11S2, H11S2, S12K, S12K, ZAAO, ZAAO, ZALV, ZALV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes entries for ASAR, HFS, NOA, PDAR, SNAAB, NEIC, JMA, JMA, SKHL, IDC, ISC, JIAM, JIAM, JBT2, JBT2, JSHD, JSHD, JEW, JEW, JFR, JFR, JNBK, JNBK, JISS, JISS, JISS, JISS, JNB, JNB, JAB, JAB, JAB, JAB, JCH, JCH, JHR, JHR, JKB, JKB, JYM2, ASAJ, ASAJ, JKA, JMD, JTD, JTKN, YUK, YUK, YUK, YUK, SHO, SHO, SHO, SHO, YSS, YSS, YSS, YSS, JMM, JMM, KUR, KUR, KUR, KUR, JSD, JSD, MAJO, MAJO, MAJO, MAJO, USA0B, USA0B, USA0B, USA0B, JGF, JGF, INU, INU, JSG, JSG, JHG, JHG, JHU2, JHU2, KSR5, KSR5, KS19, KS19, KSAR, KSAR, TJN, TJN, JUNU, JUNU, PETK, PETK, YAK, YAK, YAK, YAK, SEY, SEY, GUMO, GUMO, H11N2, H11N2, H11N1, H11N1, H11S1, H11S1, H11S2, H11S2, S12K, S12K, ZAAO, ZAAO, ZALV, ZALV.

comp=Z,0.5nm,0.8s
SNAAG Sanae 146.23 199 PKPbc PKPbc 19 16 00.8 -0.5

NORS 05 19:02:26.1, 42.78N-44.05E, h12km, MPVA4.2
DROS 05 19:02:26.4, 43.11N-44.34E, h7km
MOS 05 19:02:26.0, 42.78N-44.03E, h14km, MPVA4.2

AFAD 05 19:02:28.0, 42.15N-44.68E, h8km, ML2.7
ISC 05 19:02:26.0, 42.82N-0.02, 44.17E, 0.02, h17km, 6km, n36, c174/72, Western Caucasus

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

TEH 05 19:04:02.2, 1.18, 12S, 178, 14W, h570km, 21km, mb3.0/6, mbmp3.9/7, Error ellipse: s-maj=30.1km s-min=25.6km az=49.0

ISC 05 19:04:01.3, 1.4, 18.1S, 0.02, 178.2W, 0.2, h590km, n7, c150/7, mb3.5/5, Fiji Islands region

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

ISC 05 19:04:02.2, 1.18, 12S, 178, 14W, h570km, 21km, mb3.0/6, mbmp3.9/7, Error ellipse: s-maj=30.1km s-min=25.6km az=49.0

ISC 05 19:04:01.3, 1.4, 18.1S, 0.02, 178.2W, 0.2, h590km, n7, c150/7, mb3.5/5, Fiji Islands region

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

BJI 05 19:10:45.0, 1.0, 42.59N, 142.24E, h47km, mb4.5/46, Ms5.0/3, Ms7.4/73
NEIC 05 19:10:47.8, 1.6, 42.71N, 0.04, 141.97E, 0.07, h34km, 5km,

mb4.8/237, Error ellipse: s-maj=7.8km s-min=6.6km az=91.0

MOS 05 19:10:47.9, 1.1, 42.66N, 141.92E, h52km, mb5.0/27, Error ellipse: s-maj=7.0km s-min=5.2km az=100.4
JMA 05 19:10:47.8, 0.1, 42.7N, 0.6:142.0E:0.6, h31km, 1km, MD4.7/25, MV4.6/25, ISHIKARI DEPRESSION
JMA Felt IV J1 at ISHIKARI DEPRESSION
JMA 05 19:10:49.2, 1.1, 42.69N, 141.94E, h50km, 8km, mb4.1/27, mbmp4.3/35, Error ellipse: s-maj=12.5km s-min=7.9km az=125.0

SKHL 05 19:10:49.4, 0.3, 42.70N, 141.80E, h57km, 3km, mb5.3/4
ISC 05 19:10:46.6, 0.4, 42.67N, 0.03, 141.94E, 0.02, h27km, 2km, h27km; pp-P, n726, c131/630, mb4.8/189, 300-30D, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the 2018 SEP events.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the 2018 SEP events.

SOMM	comp=Z,8.0nm,1.7s	25.40	294	P	P	19 16 12.3 +0.6
XAN	comp=Z,5.0nm,0.9s,baz=9.1,slow=10,SNR=3.0	27.15	263	pP	pP	19 16 28.3 +0.7
XAN	comp=Z,5.0nm,0.9s			pP	pP	19 16 37.3 -1.6
XAN				pmax	pmax	
BILL	comp=Z,8.0nm,1.2s	28.54	19	eP	P	19 16 44.0 +4.4
BILL				pmax	pmax	
ENH	comp=Z,9.0nm,1.3s	28.70	255	P	P	19 16 40.7 -0.7
MOY		28.92	302	eP	P	19 16 44.6 +1.3
MOY				pmax	pmax	
LZH	comp=Z,2.4nm,1.9s	29.98	270	eP	P	19 16 53.8 +0.9
LZH				pP	sP	19 17 04.6 +0.3
LZH				pmax	pmax	
H11N2	comp=Z,1.5nm,1.1s	31.07	130	T	T	19 50 27.6
	WAKE ISLAND Hy 31.07 130					
	baz=322,slow=75,SNR=197					
H11N1	comp=Z,1.5nm,1.1s	31.08	130	T	T	19 50 27.0
	WAKE ISLAND Hy 31.08 130					
	baz=322,slow=75,SNR=198					
H11N3	comp=Z,1.5nm,1.1s	31.09	130	T	T	19 50 28.8
	WAKE ISLAND Hy 31.09 130					
	baz=322,slow=75,SNR=172					
GTA	comp=Z,5.0nm,1.2s	31.70	279	eP	P	19 17 09.9 +1.9
GTA				PcP	PcP	19 20 00.4 +1.1
GTA				pmax	pmax	
H11S1	comp=Z,5.0nm,1.2s	31.94	131	T	T	19 51 27.5
	WAKE ISLAND Hy 31.94 131					
	baz=324,slow=76,SNR=154					
H11S3	comp=Z,5.0nm,1.2s	31.94	131	T	T	19 51 27.6
	WAKE ISLAND Hy 31.94 131					
	baz=324,slow=76,SNR=154					
H11S2	comp=Z,5.0nm,1.2s	31.96	131	T	T	19 51 31.5
	WAKE ISLAND Hy 31.96 131					
	baz=324,slow=76,SNR=49					
SPIA	comp=Z,9.0nm,0.9s	32.47	4	P	P	19 17 20.8 -0.6
	Saint Paul Isl					
	baz=265					
NIKH	comp=Z,9.0nm,0.9s	33.98	55	P	P	19 17 27.0 -0.6
	Nikolski High					
	baz=273					
UNV	comp=Z,9.0nm,0.9s	35.34	53	P	P	19 17 38.7 -0.7
	Unalaska Valle					
TNA	comp=Z,9.0nm,0.9s	35.83	33	P	P	19 17 43.2 -0.2
	Tin City					
PZH	comp=Z,9.0nm,0.9s	36.43	257	P	P	19 17 51.3 +2.1
PZH				pmax	pmax	
GOMU	comp=Z,2.0nm,0.8s	36.58	276	P	P	19 17 51.6 +0.9
GOMU				pmax	pmax	
K13K	comp=Z,9.0nm,0.9s	36.59	40	P	P	19 17 49.3 -0.7
K13K		36.59	40	P	P	19 17 49.9 0.0
	Kusilyak Mount					
	baz=264					
ANM	comp=Z,9.0nm,0.9s	36.67	35	P	P	19 17 50.0 -0.6
	Nome					
M13K	comp=Z,9.0nm,0.9s	37.09	42	P	P	19 17 53.3 -0.9
	Dall Lake					
	baz=267					
F15K	comp=Z,9.0nm,0.9s	37.19	33	P	P	19 17 54.6 -0.5
	North Star Dit					
L14K	comp=Z,9.0nm,0.9s	37.47	41	P	P	19 17 56.0 -1.5
L14K		37.47	41	P	P	19 17 57.3 -0.2
	Kuka Creek					
	baz=266					
DGZ	comp=Z,1.3nm,1.0s	37.66	300	iP	P	19 18 01.7 +2.3
DGZ				pmax	pmax	
M14K	comp=Z,1.3nm,1.0s	37.79	42	P	IAMB	19 17 58.7 -1.4
M14K				IAMB	IAMB	19 18 18.7
M14K	comp=Z,1.2nm,0.9s	37.79	42	P	P	19 18 00.1 0.0
	Bethel					
	baz=268					
N14K	comp=Z,1.2nm,0.9s	37.90	43	P	P	19 17 59.7 -1.3
	Kuskokwak Cree					
	baz=269					
H16K	comp=Z,1.2nm,0.9s	38.01	35	P	P	19 18 01.2 -0.8
	Elim					
L15K	comp=Z,1.2nm,0.9s	38.07	40	P	P	19 18 02.0 -0.5
	Ungalak Mounta					
	baz=267					
G16K	comp=Z,1.2nm,0.9s	38.07	34	P	P	19 18 02.7 +0.2
	Koyuk River					
	baz=261					
K15K	comp=Z,1.2nm,0.9s	38.09	39	P	P	19 18 01.7 -0.9
K15K		38.09	39	P	P	19 18 02.3 -0.4
	Wolf Creek Mou					
	baz=262					
D17K	comp=Z,1.2nm,0.9s	38.21	30	P	P	19 18 03.1 -0.5
	Noatak River					
C17K	comp=Z,1.2nm,0.9s	38.35	29	P	P	19 18 04.4 -0.5
	Delong Mountai					
	baz=254					
M15K	comp=Z,1.2nm,0.9s	38.41	42	P	P	19 18 06.0 +0.6
	Kasigluk River					
	baz=269					
E17K	comp=Z,1.2nm,0.9s	38.57	31	P	P	19 18 05.9 -0.7
	Hotham Inlet					
ZALV	comp=Z,1.2nm,0.9s	38.61	307	P	P	19 18 06.2 -1.0
ZALV		38.61	307	P	P	19 18 07.1 0.0
	Zalesovo Beam					
	baz=86,slow=8.8					
ZALV	comp=Z,1.3nm,0.7s,baz=90,slow=2.9,SNR=3.9	38.70	43	ScP	ScP	19 24 04.0 -1.0
	Kwethluk River					
N15K	comp=Z,2.1nm,0.8s	38.70	43	P	IAMB	19 18 08.5 +0.6
N15K				IAMB	IAMB	19 18 23.9
	Kwethluk River					
	baz=279					
SDPT	comp=Z,2.1nm,0.8s	38.73	50	P	P	19 18 08.2 +0.1
	Sand Point					
	baz=276					
G17K	comp=Z,2.1nm,0.8s	38.79	34	P	P	19 18 08.3 -0.2
	Kiwalik Mounta					
	baz=263					
O15K	comp=Z,2.1nm,0.8s	38.85	44	P	P	19 18 08.8 -0.3
	Ungalikthiuk R					
WMQ	comp=Z,2.1nm,0.8s	38.93	291	eP	P	19 18 11.7 +1.6
WMQ				pmax	pmax	
L16K	comp=Z,2.1nm,0.8s	39.03	40	IAMB	IAMB	19 18 25.4
L16K				IAMB	IAMB	19 18 10.3 -0.2
	Owhat River					
	baz=269					
B18K	comp=Z,2.1nm,0.8s	39.05	28	P	P	19 18 09.3 -1.3
	Kokolik River					
	baz=257					
E18K	comp=Z,2.1nm,0.8s	39.09	31	P	P	19 18 10.0 -1.1
	Tukpahleark C					
C18K	comp=Z,2.1nm,0.8s	39.10	29	P	P	19 18 09.8 -1.4
	Utukok River					
	baz=268					
M16K	comp=Z,2.1nm,0.8s	39.26	41	P	P	19 18 12.4 -0.1
M16K				IAMB	IAMB	19 18 24.5
	Timber Creek					
	baz=271					
M16K	comp=Z,2.8nm,1.4s	39.26	41	P	P	19 18 11.8 -0.7
	Timber Creek					
	baz=270					
J17K	comp=Z,2.8nm,1.4s	39.28	38	P	P	19 18 12.5 -0.1
J17K				IAMB	IAMB	19 18 27.9
J17K	comp=Z,2.8nm,1.4s	39.28	38	P	P	19 18 12.2 -0.4
	VABM Dome					
	baz=267					
J17K	comp=Z,2.8nm,1.4s	39.29	51	P	P	19 18 12.6 -0.2
	Chernabura Isl					
F18K	comp=Z,2.8nm,1.4s	39.34	32	P	P	19 18 13.2 +0.2
	Selawik					
	baz=262					
N16K	comp=Z,2.8nm,1.4s	39.36	42	P	P	19 18 13.2 -0.2
	Nishlik Lake					
	baz=271					
A19K	comp=Z,2.8nm,1.4s	39.49	27	P	P	19 18 13.6 -0.7
	Wainwright					
	baz=257					
L17K	comp=Z,2.8nm,1.4s	39.59	40	P	P	19 18 15.5 +0.3
	Donlin					
	baz=269,SNR=5.2					
K17K	comp=Z,2.8nm,1.4s	39.60	39	P	P	19 18 13.9 -1.4
K17K				IAMB	IAMB	19 18 30.6
	Iditarod					
K17K	comp=Z,2.8nm,1.4s	39.60	39	P	P	19 18 15.3 0.0
	Iditarod					
	baz=268					
TNCH	comp=Z,2.8nm,1.4s	39.63	258	eP	P	19 18 17.5 +1.2
TNCH				pmax	pmax	
G18K	comp=Z,2.6nm,1.1s	39.66	34	P	P	19 18 13.9 -1.9
G18K				IAMB	IAMB	19 18 26.1
	Tagagawik					
G18K	comp=Z,1.3nm,0.8s	39.66	34	P	P	19 18 15.2 -0.5
	Tagagawik					
	baz=264,SNR=7.8					
H18K	comp=Z,1.3nm,0.8s	39.71	35	P	P	19 18 15.8 -0.4
	Honhosa River					
	baz=265					
O16K	comp=Z,1.3nm,0.8s	39.72	44	P	P	19 18 15.4 -1.0
	Kokwok River B					
	baz=272					
C19K	comp=Z,1.3nm,0.8s	39.76	29	P	P	19 18 16.1 -0.5
	Lookout Ridge					
	baz=259					
CHGN	comp=Z,1.3nm,0.8s	39.79	49	P	P	19 18 16.7 -0.2
	Chignik					
	baz=276					
P16K	comp=Z,1.3nm,0.8s	39.80	44	P	P	19 18 16.4 -0.5
	Nushagak River					
	baz=277					
M17K	comp=Z,1.3nm,0.8s	40.00	41	IAMB	IAMB	19 18 32.7
	Hollitna River					
	comp=Z,2.3nm,0.9s	40.00	41	P	P	19 18 18.4 -0.3
	Hollitna River					
	baz=271					
M19K	comp=Z,1.3nm,0.8s	40.11	32	IAMB	IAMB	19 18 36.4
	Shalerucik Mo					
	comp=Z,1.8nm,1.1s	40.11	32	P	P	19 18 39.0 -0.5
F19K						
	Shalerucik Mo					
	baz=264					

L26K	Log Cabin Wild	46.40	37	Iamb	Iamb	19 19 26.5
L26K	Log Cabin Wild	46.40	37	P	P	19 19 11.2 +0.9
D27M	Malcolm River	46.40	29	P	P	19 19 09.8 -0.5
G27K	Doyon Strip	46.47	32	Iamb	Iamb	19 19 40.3
G27K	Doyon Strip	46.47	32	P	P	19 19 11.3 +0.4
GLB	Gilahina Butte	46.50	40	Iamb	Iamb	19 19 23.8
H27K	Steamboat Moun	46.61	33	P	P	19 19 12.0 0.0
M26K	Nabesna, AK	46.68	38	P	P	19 19 13.7 +1.1
I27K	Kandik River	46.68	34	P	P	19 19 13.1 +0.6
VRDI	Verde Repeater	46.71	40	Iamb	Iamb	19 19 33.4
K27K	Chicken	46.77	36	P	P	19 19 13.3 +0.1
SANI	Sanana	46.79	202	P	P	19 19 15.1 +1.3
MCARA	McCarthy VSAT	46.88	40	Iamb	Iamb	19 19 30.0
MCARA	McCarthy VSAT	46.88	40	P	P	19 19 15.2 +1.1
CRQM	Cirque	46.96	40	Iamb	Iamb	19 19 15.6 +0.6
CRQE	Cirque	46.99	40	P	P	19 19 16.2 +1.2
E28M	Babbage River	47.00	29	Iamb	Iamb	19 19 32.6
E28M	Babbage River	47.00	29	P	P	19 19 14.3 -0.6
EGAK	Eagle	47.02	35	P	P	19 19 15.3 +0.2
F28M	Old Crow	47.03	31	Iamb	Iamb	19 19 29.5
F28M	Old Crow	47.03	31	P	P	19 19 15.2 -0.1
L27K	Beaver Creek	47.07	37	Iamb	Iamb	19 19 31.0
L27K	Beaver Creek	47.07	37	P	P	19 19 16.1 +0.4
BCAR	Beaver Creek A	47.09	37	P	P	19 19 15.6 -0.1
D28M	Stokes Point	47.17	28	P	P	19 19 14.7 -1.5
M27K	Edge Creek, AK	47.20	38	P	P	19 19 17.1 +0.3
BVAR	Borovoye Array	47.22 309	P	P	P	19 19 16.8 -0.1
BVAR	Borovoye	47.27 309	P	P	P	19 19 16.8 -0.5
BRVK	Borovoye	47.27 309	eP	P	P	19 19 18.2 +0.9
BRVK	Borovoye	47.27 309	ceP	P	P	19 19 18.2 +0.9
BRVK	Borovoye	47.27 309	P	P	P	19 19 17.3 +0.1
BRVK	Borovoye	47.27 309	pP	sP	sP	19 19 27.6 -1.2
ISLE	Juniper Island	47.38	41	Iamb	Iamb	19 19 17.9 +0.3
I28M	Miner Creek	47.40	34	P	P	19 19 18.4 +0.2
GRNC	Granite Creek	47.63	40	Iamb	Iamb	19 19 35.6
E29M	Blow River	47.63	30	Iamb	Iamb	19 19 37.3
E29M	Blow River	47.63	30	P	P	19 19 19.5 -0.3
MESA	MESA	47.67	41	P	P	19 19 20.5 0.0
CTG	Chitna Glacier	47.77	40	P	P	19 19 21.9 +0.8
CTGM	Chitna Glacier	47.77	40	Iamb	Iamb	19 19 40.1
NRN	Naryn	47.83 292	P	P	P	19 19 21.0 -1.2
NRN	Naryn	47.83 292	P	P	P	19 19 21.0 -1.2
G29M	Pine Creek	47.87	32	Iamb	Iamb	19 19 39.8
G29M	Pine Creek	47.87	32	P	P	19 19 21.4 -0.3
H29M	Whitestone	47.87	33	P	P	19 19 21.9 +0.1
DAWY	Dawson	47.92	36	P	P	19 19 22.6 +0.4
YUK3	Moose Creek	47.98	39	P	P	19 19 23.4 +0.5
I29M	Ogilvie Camp,	48.08	34	P	P	19 19 23.9 +0.5
AAK	Ala-Archa	48.35 294	ceP	P	P	19 19 27.6 +1.6
O28M	Mount Upton	48.36	40	P	P	19 19 27.1 +1.1
YUK8	Steele Glacier	48.43	39	P	P	19 19 27.4 +1.0
EPYK	Eagle Plains	48.49	32	Iamb	Iamb	19 19 39.3
EPYK	Eagle Plains	48.49	32	P	P	19 19 26.7 +0.1
G30M	lAoh Zraii Nji	48.55	31	Iamb	Iamb	19 19 41.7
G30M	lAoh Zraii Nji	48.55	31	P	P	19 19 27.1 +0.1
L30M	Barrier River	48.57	30	P	P	19 19 27.4 +0.3
F29M	L29M	48.70	37	P	P	19 19 28.2 0.0
M29M	Somme Creek	48.72	37	Iamb	Iamb	19 19 44.2
M29M	Somme Creek	48.72	37	P	P	19 19 29.2 +0.7
K29M	Barlow Dome	48.77	36	Iamb	Iamb	19 19 39.9
K29M	Barlow Dome	48.77	36	P	P	19 19 29.5 +0.6
I30M	Mount Dempster	48.90	34	P	P	19 19 30.3 +0.5
YUK4	Talbot Arm	48.93	39	P	P	19 19 30.8 +0.6
J30M	Hart River	49.09	34	Iamb	Iamb	19 19 46.3
J30M	Hart River	49.09	34	P	P	19 19 31.6 +0.4
YUK6	Outpost Mounta	49.18	39	P	P	19 19 33.3 +1.2
INK	Inuvik	49.23	29	P	P	19 19 31.6 -0.5
O29M	Mount Kennedy	49.26	40	P	P	19 19 33.0 +0.4
G31M	Satah River	49.30	31	Iamb	Iamb	19 19 49.7
G31M	Satah River	49.30	31	P	P	19 19 32.6 -0.1
F31M	Tsigiethchic	49.37	30	Iamb	Iamb	19 19 50.2
F31M	Tsigiethchic	49.37	30	P	P	19 19 33.0 -0.2
M30M	Minto, Yukon	49.43	37	Iamb	Iamb	19 19 49.7
M30M	Minto, Yukon	49.43	37	P	P	19 19 34.4 +0.6
H31M	Peel River	49.57	33	P	P	19 19 34.8 -0.1
N30M	Aishikik Lake	49.62	39	P	P	19 19 36.3 +1.0
P29M	Windy Craggy	49.86	41	P	P	19 19 38.7 +1.6
P30M	Million Dollar	50.08	40	P	P	19 19 39.6 +0.8
N31M	Braeburn, Yuko	50.21	38	Iamb	Iamb	19 19 52.2
N31M	Braeburn, Yuko	50.21	38	P	P	19 19 41.1 +1.3
O30N	Mendenhall	50.29	39	P	P	19 19 40.3 0.0

PLBC	Pleasant Camp	50.58	41	P	P	19 19 42.0 -0.5
M31M	Drury Creek, Y	50.61	37	Iamb	Iamb	19 19 42.7 -0.1
M31M	Drury Creek, Y	50.61	37	P	P	19 19 57.7
M31M	Drury Creek, Y	50.61	37	P	P	19 19 43.2 +0.4
KKAR	Karatay Array	50.81 296	P	P	P	19 19 43.5 -1.1
KKAR	Karatay Array	50.81 296	Iamb	Iamb	Iamb	19 19 45.5
KKAR	Karatay Array	50.81 296	P	P	P	19 19 43.5 -1.1
WHY	Whitehorse	50.89 39	P	P	P	19 19 44.8 -0.1
A36M	Sachs Harbour	50.91 24	P	P	P	19 19 45.3 +0.5
FARO	Faro, Yukon	51.06 37	Iamb	Iamb	Iamb	19 20 01.6
FARO	Faro, Yukon	51.06 37	P	P	P	19 19 47.1 +0.9
SKAG	Skagway	51.08 41	P	P	P	19 19 46.9 +0.6
SVE	Sverdlowski	51.29 316	eP	P	P	19 19 49.1 +1.2
P32M	Atlin	51.81 40	P	P	P	19 19 53.1 +1.4
R32K	Eaglecrest	51.89 42	P	P	P	19 19 52.5 +0.1
SIT	Sitka	51.94 44	P	P	P	19 19 53.6 +0.9
P33M	Teslin, Yukon	52.00 39	P	P	P	19 19 53.3 0.0
KULM	Kulim	52.14 236	P	P	P	19 19 55.9 +1.2
S32K	Killisnoo	52.16 43	P	P	P	19 19 54.7 +0.3
C36M	Paulatuk	52.18 27	P	P	P	19 19 54.4 0.0
ARU	Arti	52.50 316	P	Iamb	Iamb	19 19 56.8 -0.1
ARU	Arti	52.50 316	eP	P	P	19 19 57.7 +0.8
ARU	Arti	52.50 316	fP	S	S	19 27 23.9 +2.4
ARU	Arti	52.50 316	SS	SS	SS	19 30 50.1 -9.0
ARU	Arti	52.50 316	P	P	P	19 19 56.3 -0.6
ARU	Arti	52.50 316	P	P	P	19 19 57.4 +0.5
Q32M	Nakina River	52.73 40	P	P	P	19 19 58.7 -0.1
R33M	Jennings River	53.18 40	P	P	P	19 20 02.0 0.0
U33K	White Pass	53.43 44	P	P	P	19 20 04.3 +0.6
TGNT	Hyland Airport	53.56 37	P	P	P	19 20 05.8 +1.0
CRAG	Craig	53.69 45	P	P	P	19 20 05.4 -0.2
CRAG	Craig	53.69 45	P	P	P	19 20 05.3 -0.4
S34M	Telegraph Cree	53.69 41	P	P	P	19 20 05.9 +0.3
SMJ	Simiganj	53.87 292	P	Iamb	Iamb	19 20 06.4 -1.0
SMJ	Simiganj	53.87 292	P	P	P	19 20 25.3
SMJ	Simiganj	53.87 292	pP	sP	sP	19 20 07.1 -0.3
SMJ	Simiganj	53.87 292	sP	sP	sP	19 20 17.0 -2.1
SMJ	Simiganj	53.87 292	sP	sP	sP	19 20 15.5 +5.7
DLBC	Dease Lake	54.01 41	P	P	P	19 20 09.1 +1.0
DLBC	Dease Lake	54.01 41	P	P	P	19 20 08.9 +0.8
T35M	Bob Quinn	54.52 42	P	P	P	19 20 11.8 +0.1
ABKAR	Abkukul array	54.73 307	P	Iamb	Iamb	19 20 12.9 -0.5
ABKAR	Abkukul array	54.73 307	Iamb	Iamb	Iamb	19 20 24.5
KDU	Kakadu	55.76 191	P	P	P	19 20 23.0 +2.0
KOTAN	Kotanelee Air	56.03 37	P	P	P	19 20 22.8 +0.2
KIRV	Kirov	56.07 321	ceP	P	P	19 20 24.0 +1.2
TOAD	Toad River Com	56.09 39	P	P	P	19 20 23.8 +0.8
COEN	Coen	56.35 179	P	P	P	19 20 26.6 +1.3
BBB	Bella Bella	57.82 47	P	P	P	19 20 35.7 +0.4
KEV	Kevo	58.34 338	P	P	P	19 20 39.1 +0.4
YKA	Yellowknife Ar	58.78 32	P	P	P	19 20 41.5 -0.3
ARCES	ARCESS Array B	58.89 338	P	P	P	19 20 42.1 -0.5
FITZ	Fitzroy Crossi	62.30 198	P	P	P	19 21 08.0 +1.7
WRA	Warramunga Arr	62.69 188	P	P	P	19 21 08.3 -0.6
QIS	Mount Isa	62.94 182	P	P	P	19 21 10.2 -0.4
VRH	Novokhoporsk	63.73 316	eP	P	P	19 21 15.2 -0.3
VRH	Novokhoporsk	63.73 316	P	P	P	19 21 17.0 +0.6
VRH	Novokhoporsk	63.73 316	ceP	P	P	19 21 17.0 +0.6
VRH	Novokhoporsk	63.73 316	e	P	P	19 21 53.4
OBN	Obninsk	63.87 322	eP	P	P	19 21 17.0 +0.6
OBN	Obninsk	63.87 322	ceP	P	P	19 21 17.0 +0.6
OBN	Obninsk	63.87 322	e	P	P	19 21 53.4
OBN	Obninsk	63.87 322	P	P	P	19 21 53.4
FIAT	FINESS Array S	64.05 331	P	P	P	19 21 16.8 -0.7
FINES	FINESS Array B	64.05 331	P	P	P	19 21 16.4 -1.0
FINES	FINESS Array B	64.05 331	P	P	P	19 21 16.7 -0.8
FINES	FINESS Array B	64.05 331	ceP	P	P	19 21 16.7 -0.8
LPSR	Galich'ya Gora	64.29 319	eP	sP	sP	19 21 18.9 -0.3
LPSR	Galich'ya Gora	64.29 319	eP	P	P	19 21 28.7 -2.3
LTY	Liberty	64.55 48	Iamb	Iamb	Iamb	19 21 32.0
B08A	Colville Reser	64.63 47	Iamb	Iamb	Iamb	19 21 33.2
VORR	Voronzh	64.71 318	eP	P	P	19 21 22.0 0.0
VORR	Voronzh	64.71 318	P	P	P	19 21 22.0 0.0
VSR	Storozhevo	65.01 317	eP	P	P	19 21 22.1 -1.8
VSR	Storozhevo	65.01 317	eP	P	P	19 21 32.5 0.0
VSR	Storozhevo	65.01 317	P	P	P	19 21 22.1 -1.8
VSR	Storozhevo	65.01 317	P	P	P	19 21 32.5 0.0
SUMG	Summit	65.06 0	P	P	P	19 21 24.2 -0.2
SUMG	Summit	65.06 0	P	P	P	19 21 24.2 -0.2
SUMG	Summit	65.06 0	P	P	P	19 21 24.2 -0.2
SUMG	Summit	65.06 0	P	P	P	19 21 24.2 -0.2
VORD	Divnogorie	65.10 317	eP	sP	sP	19 21 23.0 -1.5
VORD	Divnogorie	65.10 317	eP	P	P	19 21 34.3 -2.0
MEF	Metsahovi	65.49 331	eP	P	P	19 21 26.5 -0.3
D08A	Wollman Farm,	65.63 48	Iamb	Iamb	Iamb	19 21 36.8
HAWA	Hanford	65.69 49	P	Iamb	Iamb	19 21 28.7 +0.2
HAWA	Hanford	65.69 49	P	Iamb	Iamb	19 21 39.6
VSU	Vasula	65.83 329	ceP	P	P	19 21 29.0 -0.1
VSU	Vasula	65.83 329	P	P	P	19 21 29.0 -0.1
RAF	Rauma	65.84 333	eP	P	P	19 21 28.6 -0.5
E08A	Dider Farm, El	65.89 48	Iamb	Iamb	Iamb	19 21 40.8
ASAR	Alice Springs	66.42 188	P	P	P	19 21 33.1 -0.1
GPF	Goftitskye	66.45 52	P	P	P	19 21 33.2 -0.4
GINO	Marble Bar	66.70 310	ceP	P	P	19 21 39.5 +4.6
MIWA	Marble Bar	66.72 203	P	P	P	19 21 35.4 +0.2
MIWA	Marble Bar	66.72 203	P	P	P	19 21 34.5 -0.5
KIV	Kislovodsk	67.58 310	fP	P	P	19 21 42.0 +1.3
KIV	Kislovodsk	67.58 310	fP	P	P	19 21 42.0 +1.3
KIV	Kislovodsk	67.58 310	fP	P	P	19 21 40.8 +0.1
KIV	Kislovodsk	67.58 310	P	P	P	19 21 41.3 +0.7

5d 21h

Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like JNU Nakatsue, ZEA Zeya, PETK Petropavlovsk, etc.

2018 SEP

Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like G18K Tagagawik, H18K Honhosa River, O16K Kokwok River B, etc.

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Table with columns: Station, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like CMAR Chiang Mai Arr, CMAR Noodor Dome, C24K Franklin Bluff, etc.

5d 21h

2018 SEP

Table with columns for station code, name, coordinates, and various performance metrics (e.g., pmax, smax, MLR, eP, P, S, pP, pPn, S, SS, pmax).

Table with columns for station code, name, coordinates, and various performance metrics (e.g., pmax, P, S, pmax, LR, eP, P, S, pP, pPn, S, SS, pmax).

Table with columns for station code, name, coordinates, and various performance metrics (e.g., pmax, P, S, pmax, LR, eP, P, S, pP, pPn, S, SS, pmax).

BBB	comp=Z,963nm,19.0s,baz=278,slow=36	LR	LR	21 45 57.0	
ADZR	Andozero	58.08 330	i/P	P	21 21 18.1 -0.3
ADZR	comp=Z,97nm,0.9s			Pmax	
KEV	Kevo	58.34 338	P	P	21 21 20.0 -0.2
KEV	comp=Z,59nm,0.9s			IAMB	21 21 21.1
KEV	Kevo	58.34 338	P	Pmax	21 21 20.0 -0.2
KEV	comp=Z,59nm,0.9s				
HOLB	Holberg	58.34 338	P	P	21 21 19.8 -0.4
HOLB	comp=Z,46nm,0.8s			IAMB	21 21 22.3 +0.3
HOLB	Holberg	58.34 338	P	P	21 21 23.8
HAMF	Hammerfest	58.65 340	eP	P	21 21 22.0 -0.3
YKA	Yellowknife Ar	58.75 32	P	P	21 21 23.6 +0.5
YKA	Yellowknife Ar	58.75 32	P	P	21 21 22.9 -0.2
YKA	comp=Z,19nm,0.9s,baz=306,slow=7.1,SNR=28				
YKA	Yellowknife Ar	58.75 32	i/P	P	21 21 23.2 +0.1
YKA	comp=Z,19nm,0.9s			Pmax	
ARAO	ARCES Array B	58.89 338	eP	P	21 21 23.9 -0.1
ARCES	ARCES Array B	58.89 338	P	P	21 21 23.3 -0.8
ARCES	comp=Z,47nm,1.1s			IAMB	21 21 25.1
ARCES	ARCES Array B	58.89 338	P	P	21 21 23.6 -0.5
ARCES	comp=Z,24nm,1.0s,baz=56,slow=6.5,SNR=35			LR	21 51 52.7
HYB	Hyderabad	58.94 265	eP	P	21 21 24.7 -0.4
HYB	comp=Z,334nm,2.3s			IvMB_BB	21 21 25.4
KNRA	Kununnurra	59.33 195	P	P	21 21 27.6 +0.1
TULEG	Thule	58.45 8	P	P	21 21 26.9 -0.9
TULEG	Thule	58.45 8	i/P	P	21 21 26.6 -1.2
TULEG	comp=Z,46nm,0.8s			IAMB	21 21 29.1
KTK1	Kautokiteino	59.85 339	eP	P	21 21 30.2 -0.4
NEEM	North Greenland	59.88 3	i/P	P	21 21 30.3 -0.8
NEEM	comp=Z,70nm,0.9s			IAMB	21 21 32.7
BELG	Belogoroye	60.04 315	LR	LR	21 50 12.9
BELG	Belogoroye	60.04 315	i/P	P	21 21 32.1 0.0
BELG	comp=Z,4um,18.1s,baz=55,slow=39			Pmax	
DAG	Danmarks Havn	60.20 355	i/P	IAMB	21 21 31.0 -1.9
DAG	comp=Z,29nm,0.9s			IAMB	21 21 33.8
JETT	Jettan, Norway	60.22 340	eP	P	21 21 33.3 +0.1
CBB	Campbell River	60.39 48	P	P	21 21 34.9 +0.3
TRO	Tromso	60.54 340	eP	P	21 21 35.0 -0.3
MRSU	Mount Surprise	60.55 177	P	P	21 21 37.1 +1.2
HRA	Herat	60.76 291	0	0	21 21 37.7 0.0
HRA	comp=Z,42nm,0.9s			IAMB	21 21 39.1
TV1H	Townsville Har	61.79 175	P	P	21 21 45.5 +1.2
FITZ	Fitzroy Crossi	62.32 198	P	P	21 21 48.0 +0.1
VALR	Vaala	62.35 330	i/P	P	21 21 46.3 +0.2
VALR	comp=Z,60nm,1.1s			Pmax	
WB0	Warramunga Arr	62.52 188	P	IAMB	21 21 48.9 -0.4
WB0	comp=Z,54nm,0.7s			IAMB	21 21 50.1
CTA	Charters Tower	62.58 175	LR	LR	21 46 52.2
CTA	comp=Z,46nm,21.7s,baz=344,slow=34				
CTAO	Charters Tower	62.58 175	P	IAMB	21 21 49.7 +0.1
CTAO	comp=Z,83nm,1.4s			IAMB	21 21 52.1
CTAO	Charters Tower	62.58 175	P	P	21 21 50.9 +1.3
CTAO	Charters Tower	62.58 175	P	P	21 21 49.7 +0.1
NLWA	Neilton Lookou	62.66 50	P	P	21 21 49.8 -0.2
NLWA	comp=Z,70nm,1.0s			IAMB	21 21 52.8
WRAB	Tennant Creek	62.69 188	i/P	P	21 21 49.5 -0.9
WRAB	comp=Z,50nm,1.0s			Pmax	
STEI	Steigen	62.70 340	eP	P	21 21 49.2 -0.7
WRA	Warramunga Arr	62.70 188	P	P	21 21 49.5 -1.0
WRA	Warramunga Arr	62.70 188	P	P	21 21 50.0 -0.4
WRA	comp=Z,21nm,0.5s,baz=5.5,slow=6.9,SNR=433			LR	21 48 24.1
WRA	comp=Z,719nm,21.3s,baz=358,slow=35			LR	21 50 59.7
WRA	Warramunga Arr	62.70 188	i/P	P	21 21 50.0 -0.4
WRA	comp=Z,22nm,0.5s			Pmax	
WISH	Wishkah	62.87 50	P	P	21 21 52.8 +1.5
QIS	Mount Isa	62.96 182	P	P	21 21 52.9 +0.1
QIS	Mount Isa	62.96 182	P	P	21 21 51.8 -0.3
LOF	Lofoten	62.97 341	eP	P	21 21 50.6 -1.1
MOS	Moscow	63.02 322	eP	P	21 21 51.5 -0.7
MOS	comp=Z,136nm,1.1s			Pmax	
MOS	comp=N,86nm,1.2s			Pmax	
MOS	comp=E,65nm,1.1s			Pmax	
MOS	comp=N,1um,16.0s			MLR	MLR
MOS	comp=E,1um,16.0s			MLR	MLR
MOS	comp=Z,2um,16.0s			MLR	MLR
FAUS	Fauske	63.10 340	eP	P	21 21 52.1 -0.4
PUL	Pulkovo	63.58 328	eP	P	21 21 55.4 -0.5
PUL	Pulkovo	63.58 328	eP	Pmax	21 21 55.4 -0.5
VRH	Novokhoporsky	63.74 316	eP	P	21 21 55.3 -1.8
VRH	comp=Z,112nm,1.2s			Pmax	
OBN	Obninsk	63.88 322	P	P	21 21 57.2 -0.7
OBN	Obninsk	63.88 322	LR	LR	21 52 15.6
OBN	comp=Z,2um,18.1s,baz=46,slow=38				
OBN	Obninsk	63.88 322	i/P	P	21 21 57.6 -0.3
OBN	Obninsk	63.88 322	P	P	21 21 57.5 -0.3
OBN	Obninsk	63.88 322	P	P	21 21 57.5 -0.3
OBN	Obninsk	63.88 322	P	P	21 21 57.4 -0.5
OBN	Obninsk	63.88 322	P	P	21 21 57.6 -0.3
OBN	comp=Z,193nm,1.0s,comp=Z,1um			P	21 21 57.6 -0.3
F04D	Rainier, OR	63.89 51	P	P	21 21 58.7 +0.6
F04D	comp=Z,3um,18.8s,baz=50,slow=38			IAMB	21 22 00.7
FIAT	FINES Array S	64.05 331	P	P	21 21 58.2 -0.7
FINES	FINES Array B	64.05 331	P	P	21 21 58.0 -0.9
FINES	FINES Array B	64.05 331	P	P	21 21 58.4 -0.5
FINES	comp=Z,39nm,0.7s,baz=46,slow=8.2,SNR=200			LR	21 52 29.3
VAF	Yliastaro	64.11 334	eP	P	21 21 58.7 -0.6
PALK	Pallekele	64.12 255	P	P	21 22 00.1 +0.1
PALK	comp=Z,104nm,1.4s			IAMB	21 22 01.7
PALK	Pallekele	64.12 255	LR	LR	21 52 11.2
PALK	comp=Z,640nm,18.5s,baz=16,slow=38				
PALK	Pallekele	64.12 255	P	P	21 22 00.2 +0.1
PALK	Pallekele	64.12 255	P	P	21 22 00.1 +0.1
PALK	comp=Z,105nm,1.5s			Pmax	
PALK	Pallekele	64.12 255	P	P	21 22 01.8 +1.7
UPNV	Upernavik	64.15 6	i/P	IAMB	21 21 58.0 -1.4
UPNV	comp=Z,14nm,0.8s			IAMB	21 22 01.8
MORR	Moi Rana	64.24 339	eP	P	21 21 58.5 -1.6
LPSR	Galich'ya Gora	64.30 319	eP	P	21 21 57.7 -3.0
LPSR	comp=Z,100nm,1.1s			Pmax	
STOK	Stokkvaegen	64.48 340	eP	P	21 22 00.6 -1.1
COR	Corvallis	64.59 52	P	P	21 22 03.6 +0.9
COR	Corvallis	64.59 52	P	P	21 22 03.6 +0.9
COR	comp=Z,44nm,1.3s,comp=Z,829nm			Pmax	

VORR	Voronezh	64.72 318	eP	P	21 22 03.3 -0.2
VORR	comp=Z,175nm,1.2s			Pmax	
VSR	Storozhevoje	65.02 317	eP	P	21 22 02.9 -2.5
VSR	comp=Z,50nm,0.9s			Pmax	
SUMG	Summit	65.05 0	P	P	21 22 05.7 -0.1
SUMG	Summit	65.05 0	P	P	21 22 05.7 -0.1
SUMG	comp=Z,168nm,1.5s			Pmax	
SUMG	Summit	65.05 0	i/P	IAMB	21 22 05.0 -0.8
SUMG	comp=Z,15nm,0.7s			IAMB	21 22 08.4
VORD	Vidnogyrie	65.11 317	eP	P	21 22 03.8 -2.2
VORD	comp=Z,60nm,1.0s			Pmax	
ARBE	Arbavere	65.45 330	eP	P	21 22 07.4 -0.7
MEF	Metsahovi	65.50 331	eP	P	21 22 07.6 -0.7
HAWA	Hanorvi	65.66 49	IAMB	IAMB	21 22 10.1 +0.5
HAWA	comp=Z,73nm,1.1s			IAMB	21 22 12.0
VSU	Vasula	65.84 329	eP	P	21 22 10.5 -0.1
VSU	comp=Z,147nm,0.8s			Pmax	
RAF	Rauma	65.84 333	eP	P	21 22 09.6 -1.0
KXSB	Camp Six Broad	65.86 55	P	P	21 22 12.2 +1.0
KXSB	comp=Z,54nm,1.2s			IAMB	21 22 14.0
HUMO	Hull Mountain	65.95 54	P	P	21 22 12.7 +1.0
NSS	Namsos	66.17 339	eP	P	21 22 12.2 -0.4
RK1H	Rockhampton Ha	66.20 171	P	P	21 22 15.1 +1.9
AS01	Alice Springs	66.42 188	P	P	21 22 15.6 +0.9
AS01	Alice Springs	66.42 188	P	P	21 22 15.1 +0.4
ASAR	Alice Springs	66.43 188	P	P	21 22 14.9 +0.1
ASAR	Alice Springs	66.43 188	P	P	21 22 14.4 -0.3
ASAR	Alice Springs	66.43 188	P	P	21 22 15.2 +0.4
ASAR	comp=Z,21nm,0.9s,baz=7.0,slow=5.3,SNR=96			LR	21 50 38.5
ASAR	comp=Z,648nm,21.9s,baz=24,slow=5			LR	21 50 47.5
ASAR	comp=Z,6.2nm,1.0s,baz=164,slow=4.5,SNR=6.0			PKP2bc	
GOF	Gotkyo	66.72 310	eP	P	21 22 16.8 +0.3
MBWA	Marble Bar	66.75 203	P	IAMB	21 22 16.7 -0.1
MBWA	Marble Bar	66.75 203	P	P	21 22 18.1
MBWA	Marble Bar	66.75 203	P	P	21 22 17.2 +0.4
MBWA	Marble Bar	66.75 203	P	P	21 22 16.5 -0.2
MBWA	Marble Bar	66.75 203	P	P	21 22 17.2 +0.4
NGCH	Negor - Chabab	66.80 284	P	P	21 22 16.9 -0.3
PSA00	Pilbara Seismi	67.11 202	P	IAMB	21 22 18.9 -0.2
PSA00	comp=Z,36nm,0.9s			IAMB	21 22 20.4
PSA00	Pilbara Seismi	67.11 202	PcP	PcP	21 22 47.6 +0.6
PSA00	Pilbara Seismi	67.11 202	P	P	21 22 18.6 -0.5
PSA00	Pilbara Seismi	67.11 202	P	IAMB	21 22 48.8
PSA00	Pilbara Seismi	67.11 202	P	P	21 22 19.3 +0.2
PSA00	Pilbara Seismi	67.11 202	P	P	21 22 19.4 +0.3
KHAM	Kharkiv	67.23 318	P	P	21 22 19.5 -0.2
NCK	Nalchik	67.36 309	eP	P	21 22 21.2 +0.6
NCK	comp=Z,69nm,1.0s			Pmax	
KIV	Kislovodsk	67.59 310	P	P	21 22 22.7 +0.6
KIV	Kislovodsk	67.59 310	i/P	P	21 22 22.7 +0.6
KIV	Kislovodsk	67.59 310	P	P	21 22 23.0 +0.8
KIV	Kislovodsk	67.59 310	eP	P	21 22 23.0 +0.8
KIV	Kislovodsk	67.59 310	eS	S	21 22 22.6 +0.4
KIV	comp=Z,242nm,1.1s			Pmax	
KIV	comp=Z,36nm,3.5s			Pmax	
KIV	Kislovodsk	67.59 310	P	P	21 22 23.0 +0.8
KIV	comp=Z,205nm,0.9s,comp=Z,2um			SNR=5	
KBZ	Khabaz	67.61 309	P	P	21 22 22.9 +0.8
KBZ	comp=Z,77nm,0.8s,baz=46,slow=4.1,SNR=101			SNR=5	
TBLU	Tromsheim	67.65 339	eP	P	21 22 20.9 -1.2
ERBR	Yeremizino-Bor	67.73 312	eP	S	21 22 20.6 -2.3
ERBR	comp=Z,262nm,0.7s			Pmax	
ERBR	comp=Z,1um,16.0s			MLR	MLR
SHAI	Shidhatmaz	67.74 309	eP	P	21 22 23.5 +0.2
IZAR	Zarasai	67.91 327	eP	P	21 22 24.0 +0.2
ISAL	Salakas	68.08 327	eP	P	21 22 25.0 +0.1
MNK	Minsk	68.10 325	i/P	P	21 22 25.6 +0.6
MNK	comp=Z,2um,22.5s			P	21 22 51.1
MNK	comp=Z,2um,22.5s			i	21 24 56.1
MNK	comp=Z,2um,22.5s			i	21 24 54.8
MNK	comp=Z,2um,22.5s			i	21 31 24.1 +2.6
MNK	comp=Z,2um,22.5s			i	21 32 22.1
MNK	comp=Z,2um,22.5s			i	21 35 48.3 +4.8
MNK	comp=N,52nm,1.0s			Pmax	
MNK	comp=Z,222nm,0.9s			Pmax	
MNK	comp=E,126nm,1.0s			Pmax	
MNK	comp=N,915nm,17.0s			MLR	MLR
MNK	comp=E,1um,17.0s			MLR	MLR
MNK	comp=Z,2um,18.0s			MLR	MLR
SLIT	Slitere, Latvi	68.11 330	eP	P	21 22 23.8 -1.2
IIGN	Ignalina	68.20 326	eP	P	21 22 25.7 +0.1
EIDS	Eidsvold	68.23 171	P	IAMB	21 22 26.8 +0.8
EIDS	comp=Z,39nm,1.0s			IAMB	21 22 28.5
EIDS	Eidsvold	68.23 171	P	P	21 22 27.7 +1.7
NOUC	Port Laguerre	68.25 156	P	P	21 22 28.4 +2.2
DZM	Mont Dzumac	68.27 156	P	P	21 22 27.4 +0.9
DZM	Mont Dzumac	68.27 156	eP	P	21 22 27.6 +1.3
DZM	comp=Z,204nm,1.4s			eS	21 21 20.5 -3.8
DZM	comp=Z,784nm,23.0s			eLR	21

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like BLDU, RETH, VRAC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like GERES, KASTN, MORH, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like STU, TOO, BGES, etc.

5d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IMAR Indian Mountain, MK31 Makanchi Array, MKAR Makanchi Array, etc.

NEIC 05 21:57:33.0-0.8, 42.66N, 0.04:141.97E:0.08, h44km, gkm, mb3.6, Error ellipse: s-maj=9.1km s-min=6.0km az=74.0 JMA 05 21:57:33.0-0.2, 42.72N, 0.07:142.0E:0.6, h37km, 1km, MV3.7/22, ISHIKARI DEPRESSION JMA Fell II J1 at ISHIKARI DEPRESSION. IDC 05 21:57:40.0-0.8, 44.84N, 141.44E, h0km, mb3.8/9, mbmp3.7/9, ML2.5/1, MS3.8/2, Error ellipse: s-maj=32.9km s-min=9.7km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JIAM Biratori 2, JBT2 Biratori 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like E22K Anaktuvuk Pass, E22K Kurchatov, ILAR Eielson Array, etc.

IDC 05 22:08:18.5-2.8, 42.72N, 142.0E:0.6, h32km, 24km, mb3.6/8, mbmp3.7/9, ML2.5/1, MS3.8/2, Error ellipse: s-maj=37.7km s-min=18.6km az=89.0 NEIC 05 22:08:19.9-2.2, 42.67N, 0.04:141.95E:0.07, h35km, 2km, mb4.3/9, Error ellipse: s-maj=9.1km s-min=5.8km JMA 05 22:08:20.3-0.2, 42.72N, 0.07:142.0E:0.7, h37km, 1km, MV3.6/23, ISHIKARI DEPRESSION JMA Fell II J1 at ISHIKARI DEPRESSION. ISC 05 22:08:19.6-0.7, 42.66N, 0.03:141.98E:0.03, h40km, 6km, mb3.5, 0.897/50, mb4.0/13, 23.0 Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JIAM Biratori 2, JBT2 Biratori 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JEW Eniwo, JSHD Hidakashinhida, JIFR Furan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA 05 22:02:02.9-0.2, 42.72N, 0.09:142.0E:0.8, h34km, 2km, MV3.5/19, ISHIKARI DEPRESSION JMA Fell II J1 at ISHIKARI DEPRESSION. ISC 05 22:02:03.0-1.0, 42.68N, 0.04:142.0E:0.03, h35km, 4km, n17, r130/24, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SSNC 05 22:24:12.7-1.0, 19.87N, 73.29W, h11km, 7km, MD2.8, ML2.3, MV2.3 SDD 05 22:24:12.3-2.0, 19.52N, 73.46W, h19km, 185km, MD3.3, ML2.5, MV2.6 ISC 05 22:24:11.4-1.2, 19.60N, 0.1:73.40W:0.04, h29km, 14km, n10, r150/20, SC-30, Haiti region

ISC 05 22:29:47.9:1.0,42.72N;0.04:141.99E;0.03,h34km,2km, n21,σ191/29,mb3.5/3,13D,Hokkaido region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like IJAM Iburiatsuma, JBT2 Biratori 2, JEW Eniwo, etc.

0.5nm,0.5s,baz=92,slow=9.8,SNR=2.4 0.5nm,0.5s

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

IDC 05 22:45:50.6:1.9,42.87N;142.04E,h32km,13km,mb3.9/21, mbtmp4.0/25,ML3.0/4,MS3.5/1, Error ellipse: s-maj=17.5km s-min=13.0km az=116.9°

ISC 05 22:45:51.3:0.7,42.727N;0.03:141.96E;0.03,h34km,2km, n145,σ191/169,mb4.2/47,MS3.6/3,17C-21D,Hokkaido region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like IJAM Iburiatsuma, JBT2 Biratori 2, JEW Eniwo, etc.

IDC 05 22:44:08.5:3.8,42.70N;142.24E,h35km,34km,mb3.5/8, mbtmp3.7/8,MS3.2/1, Error ellipse: s-maj=49.3km s-min=23.7km az=76.0°

JMA 05 22:44:10.0:0.2,42.72N;0.07:142.07E;0.7,h37km,1km, MV3.4/24,ISHIKARI DEPRESSION

JMA Feil J1 at ISHIKARI DEPRESSION

ISC 05 22:44:09.6:0.9,42.825N;0.04:142.01E;0.03,h35km,2km, n28,σ690/38,mb3.7/8,15D,Hokkaido region

ATH 05 22:41:38.3:1.1,41.15N;20.24E,h10km,ML2.0/4,Manual Solution by G.Panopoulou This location: 2020/07/25

18:37:50 ML Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 8 km, Longitude uncertainty: 2 km

BDO 05 22:41:40.2:0.6,40.94N;20.16E,h2km,2km,ML1.9/8

PDG 05 22:41:41.7:0.1,41.03N;19.77E,h8km,ML2.5/9, Error ellipse: s-maj=0.2km s-min=0.3km az=0.0

ISC 05 22:41:39.8:1.1,41.01N;0.03:20.16E;0.03,h9km,11km, n25,σ1903/48,1C-1D,Albania

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like TIR Tirane, OHR Ohrid, NEST Nestorio, etc.

IDC 05 22:44:08.5:3.8,42.70N;142.24E,h35km,34km,mb3.5/8, mbtmp3.7/8,MS3.2/1, Error ellipse: s-maj=49.3km s-min=23.7km az=76.0°

JMA 05 22:44:10.0:0.2,42.72N;0.07:142.07E;0.7,h37km,1km, MV3.4/24,ISHIKARI DEPRESSION

JMA Feil J1 at ISHIKARI DEPRESSION

ISC 05 22:44:09.6:0.9,42.825N;0.04:142.01E;0.03,h35km,2km, n28,σ690/38,mb3.7/8,15D,Hokkaido region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like IJAM Iburiatsuma, JBT2 Biratori 2, JEW Eniwo, etc.

comp=Z,2.0nm,1.1s 0.6nm,0.5s,baz=77,slow=8.0,SNR=5.6

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like DGZ Jazzator, ZALV Zalesovo Beam, etc.

comp=Z,2.0nm,0.5s,baz=92,slow=4.1,SNR=5.2 comp=Z,1.1nm,0.6s

comp=Z,2.0nm,0.3s,baz=58,slow=5.9,SNR=1.6 comp=Z,0.3nm,0.3s

comp=Z,1.8nm,0.8s,baz=280,slow=7.5,SNR=13 comp=Z,1.8nm,0.8s

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Arra, BRVK Borovoye, etc.

comp=Z,2.0nm,0.5s,baz=44,slow=8.0,SNR=12 comp=Z,0.3nm,0.4s

comp=Z,0.3nm,0.4s,baz=60,slow=7.0,SNR=10 comp=Z,0.3nm,0.5s

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like WR0 Warramunga Arr, WRA Warramunga Arr, etc.

comp=Z,2.0nm,0.8s,baz=54,slow=4.8,SNR=5.2 comp=Z,2.8nm,0.8s

comp=Z,0.4nm,0.6s,baz=1.1,slow=5.5,SNR=2.4 comp=Z,0.4nm,0.6s

comp=Z,1.1nm,1.1s comp=Z,5.8nm,0.8s

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KBZ Khabaz, SOC Sochi, etc.

comp=Z,1.3nm,0.8s comp=Z,1.4nm,0.7s

comp=N,28nm,17.0s comp=Z,33nm,16.0s

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array B, AKBB Malin Array S, etc.

comp=Z,0.6nm,0.6s,baz=343,slow=4.6,SNR=6.0 comp=Z,0.6nm,0.6s

comp=Z,0.6nm,0.6s,baz=44,slow=6.3,SNR=19 comp=Z,2.2nm,0.6s

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like BURAR Bucovina Array, TESR Tesani, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, ISC, Res. Rows include VRAC, SIRR, KRUC, SURR, TREC, TREC, BZS, BZS, HERR, CKRC, CKRC, CKRC, EKA, KHC, KHC, KHC, CONA, RONA, GERES, GERES, MMAI, SOKA, LESA, WATA, MOTA, RETA, FETA, DAVA, TXAR, ESDC, SNAA.

JMA 05 22:51:03.8.0.1, 24°N, 122°5E, 0.4, h31km, 3km, MV1.9/14, NW OFF ISHIGAKIJIMA IS

TAP 05 22:51:04.2, 24°21'N, 122°52'E, h37km, ML2.5, C

ISC 05 22:51:03.6.0.9, 24.14N, 0.04.122.52E, 0.02, h27km, n48, c058672, ID, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, ISC, Res. Rows include E0S4, E0S4, E0S3, E0S3, E0S2, E0S2, E0S1, JYNG, JYNG, YOJ, YOJ, YOJ, YOJ, EWUT, EWUT, ES0A, ES0A, ES0A, ENA, ENA, TWC, TWC, NACB, NACB, EGS, NDS, ETLH, ETLH, LATG, LATG, TWB1, TWB1, ENTT, ENTT, LXIB, LXIB, NDT, NDT, TIPB, TIPB, FUSB, FUSB, NNSB, NNSB, IRIF, IRIF, SKH1, WARB1, WARB1, NNLW, NNLW, WHF, WHF, YHNB, YHNB, HATJ, HATJ, NSK, NSK, HGSD, HGSD, OWD, OWD, EHY, EHY, WUSB, WUSB, VWD1, VWD1, VWD2, VWD2, YULB, YULB, JKRS, JKRS.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, ISC, Res. Rows include NFF, Wufeng Townshi, WHP, Taichung City, WHP, Taichung City, FULB, Fuli, SSSL, Suanglung, JJJ, Ishigaki jima, PCYT, Pengchayiu, TYC, Yuch, WHYT, Xinyi Township, JHSG, Ishigakijima, JTJ, Tarama, JTJ.

NOU 05 23:06:46.5, 15°33'S, 169°06'E, h244km, mb4.0/7, Vanuatu

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, ISC, Res. Rows include VLAKA, Lakatoro, DVP, Devils Point, LIFNC, LIFOU, MARNC, Mare, Loyalty, DZM, DZM, NOUC, Port Laguerre.

NEIC 05 23:10.26.1.1, 18°45'S, 178°2W, 0.1, h561km, 7km, mb4.3/27, Error ellipse: s-maj=2.1km s-min=1.6km az=154.0

IDC 05 23:10:30.2.1.1, 18.05S, 178.52W, h608km, 10km, s-min=5.1, mbtmp, 4.1/3, Error ellipse: s-maj=25.6km

ISC 05 23:10:28.0.5.18, 3S, 0.1, 178.37W, 0.09, h600km, n112, mb4.2/23, 13C-3D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, ISC, Res. Rows include MSVF, Nonsavu, MSVF, Nonsavu, MSVF, AFI, Afiamalu, LIFNC, LIFOU, PIANC, Pines Island, DZM, Mont Dzumac, DZM, KOUNC, Koumac, New Ca, RAR, RAR, EIDS, Eidsvold, ARMA, Armidale, ARMA, ARMA, CTAO, Charters Town, CTAO, COEN, Coen, STKA, Stephens Creek, STKA, BBOO, Buckleboe, WB0, Warramunga Arr, WB0, WRA, Warramunga Arr, WRA, WRA, AS31, Alice Springs, AS31, ASAR, Alice Springs, ASAR, ASAR, FITZ, Fitzroy Crossi, MJAR, Matsushiro Arr, QSPA, South Pole Qui, QSPA, PETK, Petrolovski, KRMB, Red Mountain, KRMB, M02C, Callahan, M02C, WAKR, Walker, NVAR, Mina Array Bea, NVAR, PINE, Pine Mountain, K15K, Wolf Creek Mou, K15K, BELA, Belgrano 2, ELK, Elko, HLID, Hailey, Q32M, Nakina River, Q32M, IMAR, Indian Mountai, TXAR, Lajitas Array, TXAR, ILAR, Eielson Array, ILAR, J25K, Salcha River, J25K, E19K, Redstone River, E19K, YHL, Hebgen Lake, YHL, HHC, Hu-ho-hao-te, HHC, PDAR, Pinedale Array, PDAR, ELIB, Princess Elisa, CMAR, Chiang Mai Arr, PZH, PanZhihua, PZH.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, ISC, Res. Rows include PZH, ARCES, ARCES Array B, FINES, FINES Array B, NB2, NORARS, NORARS Subarray, NOA, NORARS Array B, HFS, Hagfors, EKA, Eskdalemuir Arr, BNN, Bunyan, KWP, Kalwaria Pacla, BUR08, Buocovina Arr, S, BURAR, Buocovina Array, BURAR, Buocovina Array, BURAR, Buocovina Array, BRTR, Keskin Array B, BRTR, Keskin Array B, CHVC, Chivale, CLC, Collim, CLC, Collim, CLC, Collim, CLC, Collim, UPC, Ulice, BOSR, Bodos, DPC, Dobruska-Polom, LANS, Liptovska Anna, BRG, Berggiesshubel, BRG, Berggiesshubel, MORC, Moravsky Berou, MORC, Moravsky Berou, MLR, Muntele Rosu, MLR, Muntele Rosu, MARR, Marisel-Cluj, DRGR, DRGR, PRU, Pruhonic, PRU, Pruhonic, ZVC, Zvikov, ZVC, KHC, Kasperske Hory, KHC, Kasperske Hory, KHC, Kasperske Hory, GECZ, GERES Array S, GERES, GERES Array B, GERES, GERES Array B, CONA, Conrad Observa, RONA, Rosalia, Austr, ARSA, Arzberg, ARSA, ARZBERG, LESA, Schwarzleottn, SOKA, Soboth, KBA, Koelnbreinsper, OBKA, Obir, WATA, Walderalm, RETA, Reutte, WTTA, Watterberg, MOTA, Moosalm, MYKA, Terra Mystica, SQTA, Sankt Quirin, ABTA, Abtaltersbach, DAVA, Davales, FETA, Feichten, STAL, STALGAL, FUORN, Ofenpass-Fuorn, FNA, Florida, ESDC, Sonseca Array.

SOME 05 23:15:01.4, 39°32'N, 76°77'E, h15km, NNC 05 23:15:03.9, 1.9, 39.45N, 76.71E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=12.6km s-min=10.2km az=167.0

KRNET 05 23:15:05.1, 0.1, 39.53N, 77.02E, mb2.9, ISC 05 23:15:07.9, 1.8, 39.60N, 0.08, 76.92E, 0.05, h10km, n43, c23667, 14C-18D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, ISC, Res. Rows include NRN, Naryn, NRN, KDJ, Kajisy, KDJ, SFK, Sufi-Kurgan, SFK, ULHL, Ulahol, ULHL, BOOM, Boomskeye ush, BOOM, ARLS, Aral, ARLS, PRZ, Przheval'sk, PRZ, KBK, Karagaybulak, KBK, TNSS, Tian-Shan, TNSS, TNSS, Tian-Shan, TNSS, TNSS, Tokmak, TNSS, TNSS, Tokmak, TNSS, KST, Kastek, KST, KST, Kastek, KST, AML, Almayashu, AML, AAK, Ala-Archa, AAK.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like AAK Ala-Archa, MTBS Matube, MDOK Medeo, etc.

IDC 05 23:20:21.9u.0.7, 37.08N, 32.57W, h0km, mb4.2/20, mbmp4.2/20, MS3.9/49, Error ellipse: s-maj=22.9km, s-min=14.1km az=165.0

NEIC 05 23:20:23.0i.1.0, 37.11N, 01.32'40.0W, i, h10km, 1km, mb4.7/77, Error ellipse: s-maj=22.1km s-min=14.2km az=170.0

ISC 05 23:20:23.1o.5, 37.05N, 00.99'32.48W, 0.06, h13km, n165, 0.99'131, mb4.6/57, MS3.9/51, 2C, Azores Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like H07S1 FLORES T-PHASE, CALA Caldeira, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like BBTS Babate, EKA Eskdalemuir, F64A Sherman, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ROM 05:23:26:37.0,0.0, 42:856N:0:003:12:937E:0:004,h11km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FAKI Fak Fak, BVAR Borovoye Array, KKAR Karatay Array, ABKAR Abkular array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KULM Kulum, CMBY CAMPBELL BAY, BTDF Bukit Timah Da, etc.

IDC 05:23:37:29.1±4.0, 42:82N:141.97E, h24km, 26km, mb3.5/6, mbmp3.6/6, MS3.2/2, Error ellipse: s-maj=41.0km az=79.0

IDC 06:00:04:50.9±1.8, 42:59N:142.12E, h0km, mb3.6/5, mbmp3.6/5, Error ellipse: s-maj=88.3km s-min=27.0km az=79.0

IDC 05:23:37:29.1±4.0, 42:82N:141.97E, h24km, 26km, mb3.5/6, mbmp3.6/6, MS3.2/2, Error ellipse: s-maj=41.0km az=79.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JBT2 Biratori 2, JEW Eniwo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JBT2 Biratori 2, JEW Eniwo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UBPB Khong Chiam, UBPB Khong Chiam, SJJI Sawahan, etc.

JMA 05:23:37:30.6±0.1, 42:50N:142.0E:0.5, h36km, 1km, MV3.4/21, ISHIKARI DEPRESSION.

JMA 06:00:04:57.3±0.9, 42:57N:142.0E:0.4, h36km, 1km, MV3.3/23, ISHIKARI DEPRESSION.

JMA 05:23:37:30.6±0.1, 42:50N:142.0E:0.5, h36km, 1km, MV3.4/21, ISHIKARI DEPRESSION.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JBT2 Biratori 2, JEW Eniwo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JBT2 Biratori 2, JEW Eniwo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UBPB Khong Chiam, UBPB Khong Chiam, SJJI Sawahan, etc.

IDC 05:23:42:29.9±3.8, 42:63N:142.17E, h32km, 31km, mb3.8/7, mbmp4.0/7, Error ellipse: s-maj=50.9km s-min=23.4km az=76.0

IDC 06:00:13:47.1±0.0, 0:41N:96.98E, h20km, mb5.2/22, mb5.4/68, Ms5.4/94, Ms7.5/291

IDC 05:23:42:29.9±3.8, 42:63N:142.17E, h32km, 31km, mb3.8/7, mbmp4.0/7, Error ellipse: s-maj=50.9km s-min=23.4km az=76.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JBT2 Biratori 2, JEW Eniwo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JBT2 Biratori 2, JEW Eniwo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UBPB Khong Chiam, UBPB Khong Chiam, SJJI Sawahan, etc.

H16K	Elim	93.95	25	P	P	00 27 07.8 +0.1	L18K	Granite Mounta	96.92	27	P	P	00 27 21.4 +0.1	WAT6	Susitna Watana	100.74	25	P	Pdf	00 27 38.9 +0.4	
F17K	Baldwin Pennin	94.02	23	IAMS_20	IAMS_20	01 13 29.5	G21K	Allakaket	97.01	22	IAMS_20	IAMS_20	01 15 24.3	SML	Sawmill	100.78	26	P	Pdf	00 27 39.0 +0.4	
F17K	Baldwin Pennin	94.02	23	P	P	00 27 08.0 0.0	G21K	Allakaket	97.01	22	P	P	00 27 21.8 +0.2	D28M	Stokas Point	100.82	17	P	Pdf	00 27 38.3 -0.3	
E18K	Tukpahleark C	94.08	22	IAMS_20	IAMS_20	01 15 24.8	IMAR	Indian Mountai	97.08	23	P	P	00 27 21.1 -0.8	J25K	Salcha River,	100.86	23	P	Pdf	00 27 38.2 -0.7	
E18K	Tukpahleark C	94.08	22	P	P	00 27 08.3 +0.1	P16K	Nushagak River	97.08	30	P	P	00 27 21.6 -0.4	KNK	Knik Glacier	100.88	26	P	Pdf	00 27 39.0 0.0	
C19K	Lookout Ridge	94.08	20	P	P	00 27 08.4 +0.2	E22K	Anaktuvuk Pass	97.09	21	IAMS_20	IAMS_20	01 15 22.4	SEW	Seward	100.91	28	P	Pdf	00 27 38.9 -0.2	
M13K	Dall Lake	94.15	29	P	P	00 27 08.8 +0.1	E22K	Anaktuvuk Pass	97.09	21	P	P	00 27 22.0 0.0	E28M	Babbage River	100.97	18	IAMS_20	IAMS_20	01 18 09.7	
JM1C	Jan Mayen	94.24	342	LR	LR	01 12 09.3	N17K	Nushagak Hills	97.12	29	P	P	00 27 21.9 -0.3	E28M	Babbage River	100.97	18	P	Pdf	00 27 39.3 0.0	
L14K	Kuka Creek	94.32	28	P	Iamb	00 27 09.8 +0.4	CHNA	Chernabura Isl	97.14	35	P	P	00 27 21.9 -0.5	K24K	Donnelly Dome	101.05	24	P	Pdf	00 27 40.1 +0.3	
L14K	Kuka Creek	94.32	28	P	Iamb	00 27 11.2 -0.1	I20K	Noghdeneel	97.15	24	P	P	00 27 22.4 +0.2	M23K	Glacier View	101.05	26	P	Pdf	00 27 39.7 -0.2	
L14K	Kuka Creek	94.32	28	P	IAMS_20	IAMS_20	01 12 48.7	F22K	John River	97.17	21	P	P	00 27 22.5 +0.1	PWL	Port Wells	101.14	27	P	Pdf	00 27 39.3 -1.0
L14K	Kuka Creek	94.32	28	P	P	00 27 10.0 +0.6	D23K	Nanushuk River	97.18	20	P	P	00 27 22.0 -0.4	G27K	Doyon Strip	101.19	20	P	Pdf	00 27 40.5 +0.1	
G17K	Kiwalik Mounta	94.45	24	P	P	00 27 10.0 +0.1	O17K	Koliganek Bris	97.35	29	P	P	00 27 23.1 -0.2	I26K	Coal Creek Min	101.39	22	IAMS_20	IAMS_20	01 17 17.0	
A21K	Barrow	94.50	18	P	P	00 27 10.5 +0.4	J20K	Nowinta River	97.47	25	IAMS_20	IAMS_20	01 18 44.8	I26K	Coal Creek Min	101.39	22	P	Pdf	00 27 41.5 +0.3	
F18K	Selawik	94.62	23	P	P	00 27 11.0 +0.4	J20K	Nowinta River	97.47	25	P	P	00 27 23.4 -0.3	RIDG	Independent Ri	101.45	24	IAMS_20	IAMS_20	01 18 26.7	
B20K	Meade River	94.69	19	P	P	00 27 11.2 +0.3	M18K	Stony River	97.51	28	P	P	00 27 23.8 -0.2	RIDG	Independent Ri	101.45	24	P	Pdf	00 27 41.7 +0.2	
K15K	Wolf Creek Mou	94.69	27	P	P	00 27 11.1 0.0	H21K	Melozitna Rive	97.55	23	IAMS_20	IAMS_20	01 19 23.8	H27K	Steamboat Moun	101.53	21	P	Pdf	00 27 41.6 -0.2	
D19K	Kuna River	94.75	21	IAMS_20	IAMS_20	01 16 50.5	H21K	Melozitna Rive	97.55	23	P	P	00 27 23.8 -0.2	PAX	Paxson	101.53	24	P	Pdf	00 27 41.4 -0.6	
D19K	Kuna River	94.75	21	P	P	00 27 11.2 -0.1	G22K	Bettle	97.62	22	P	Pdf	00 27 24.7 +0.3	E29M	Blow River	101.59	18	P	Pdf	00 27 42.1 +0.1	
H17K	Unalakleet	94.76	26	IAMS_20	IAMS_20	01 16 41.0	TOLK	Toolik Lake Re	97.68	20	P	P	00 27 24.2 -0.5	M24K	Tolsona, Glenn	101.60	25	P	Pdf	00 27 42.3 0.0	
H17K	Unalakleet	94.76	26	P	P	00 27 11.0 -0.4	N18K	Kiluk Creek	97.69	28	P	P	00 27 24.8 0.0	J26L	Joseph Creek	101.61	23	IAMS_20	IAMS_20	01 22 09.8	
M14K	Bethel	94.77	29	P	Iamb	00 27 10.8 -0.6	D24K	Happy Valley	97.73	19	P	Pdf	00 27 25.3 +0.5	J26L	Joseph Creek	101.61	23	P	Pdf	00 27 42.3 0.0	
M14K	Bethel	94.77	29	P	Iamb	00 27 13.2	K20K	Telida	97.75	25	P	P	00 27 24.9 -0.2	SCRK	Sand Creek	101.68	23	P	Pdf	00 27 42.1 -0.6	
M14K	Bethel	94.77	29	P	P	00 27 11.6 +0.1	L19K	White Mountain	97.76	27	IAMS_20	IAMS_20	01 17 14.3	GLI	Glacier Island	101.69	27	IAMS_20	IAMS_20	01 19 19.4	
L15K	Ungalak Mounta	94.83	28	P	P	00 27 11.5 -0.2	L19K	White Mountain	97.76	27	P	P	00 27 25.1 0.0	GLI	Glacier Island	101.69	27	P	Pdf	00 27 42.5 -0.2	
TORD	Torodi Ar. Bea	94.86	283	P	P	00 27 12.4 -0.6	P17K	Kvichak River	97.82	30	P	P	00 27 25.4 0.0	I27K	Kandik River	101.81	21	P	Pdf	00 27 43.3 +0.2	
TORD	Torodi Ar. Bea	94.86	283	P	P	00 27 14.0 +1.1	ESDC	Sonsecra Arroy	97.83	310	P	P	00 27 25.8 -0.2	HARP	HAARP	101.91	25	P	Pdf	00 27 43.0 -0.6	
TORD	Torodi Ar. Bea	94.86	283	P	PP	00 31 02.7 +0.8	E23K	Chandalar	97.89	20	IAMS_20	IAMS_20	01 15 59.4	K29M	Klutina	101.96	26	P	Pdf	00 27 43.0 -0.9	
TORD	Torodi Ar. Bea	94.86	283	P	PP	01 08 15.5	E23K	Chandalar	97.89	20	P	P	00 27 25.3 -0.3	G29M	Pine Creek	102.37	19	P	Pdf	00 27 43.0 -0.6	
H17K	Granite Mounta	94.87	25	IAMS_20	IAMS_20	01 09 54.0	H22K	Ishlitalina Cre	98.03	23	P	P	00 27 26.2 0.0	EGAK	Eagle	102.38	22	IAMS_20	IAMS_20	01 21 11.4	
H17K	Granite Mounta	94.87	25	P	P	00 27 12.0 +0.1	M19K	Big River Lodg	98.05	27	P	P	00 27 26.4 0.0	K27K	Chicken	102.40	23	P	Pdf	00 27 45.8 +0.1	
J16K	Anvik River	94.92	26	IAMS_20	IAMS_20	01 12 37.4	L20K	Farewell, AK	98.10	26	P	Pdf	00 27 27.2 +0.5	EYAK	Cordova Ski Ar	102.43	27	P	Pdf	00 27 45.9 0.0	
J16K	Anvik River	94.92	26	P	P	00 27 12.1 0.0	G23K	Bananza Creek	98.25	22	P	Pdf	00 27 27.5 +0.2	N25K	Chitina, Valde	102.49	25	P	Pdf	00 27 46.2 -0.1	
N14K	Kuskokwak Cree	95.05	30	P	P	00 27 12.6 -0.1	O18K	Kolih Hills	98.25	29	P	Pdf	00 27 27.6 +0.3	I28M	Miner Creek	102.49	21	P	Pdf	00 27 45.3 -0.9	
EKA	Eskdalemuir Ar	95.06	326	P	P	00 27 13.1 +0.1	R17K	Mt. Peulik Vol	98.26	31	P	P	00 27 27.6 +0.1	A36M	Sachs Harbour	102.57	12	P	Pdf	00 27 46.0 -0.3	
A22K	Sinclair Lake	95.11	18	P	P	00 27 13.3 +0.5	E24K	Your Creek	98.27	20	P	Pdf	00 27 27.6 +0.2	H29M	Whitestone	102.63	20	P	Pdf	00 27 46.3 -0.5	
G18K	Tagagavik	95.17	24	IAMS_20	IAMS_20	01 18 19.8	N19K	Bonanza Creek	98.32	28	IAMS_20	IAMS_20	01 17 40.4	BMRM	Bremner River	102.76	26	P	Pdf	00 27 47.1 -0.4	
G18K	Tagagavik	95.17	24	P	P	00 27 13.5 +0.2	N19K	Bonanza Creek	98.32	28	P	P	00 27 27.7 0.0	M26K	Nabesna, AK	102.80	24	P	Pdf	00 27 47.4 -0.3	
D20K	Etiwuk River	95.22	21	P	P	00 27 13.3 -0.2	CHUM	Lake Minchum	98.33	25	P	Pdf	00 27 27.8 +0.2	INK	Inuvik	102.96	17	P	Pdf	00 27 48.3 +0.2	
F19K	Shalereukik Mo	95.29	23	IAMS_20	IAMS_20	01 10 45.8	O17K	Contact Creek	98.34	31	P	P	00 27 27.6 -0.3	L27K	Beaver Creek,	102.97	24	P	Pdf	00 27 48.3 0.0	
F19K	Shalereukik Mo	95.29	23	P	P	00 27 13.6 -0.2	P18K	Big Mountain,	98.36	29	P	P	00 27 27.9 0.0	EPYK	Eagle Plains	103.10	19	IAMS_20	IAMS_20	01 22 42.2	
E19K	Redstone River	95.33	22	P	P	00 27 14.5 +0.5	D25K	Kavik River	98.45	19	IAMS_20	IAMS_20	01 15 56.4	EPYK	Eagle Plains	103.10	19	P	Pdf	00 27 48.6 -0.3	
O14K	Tiguykaiuvet M	95.39	30	P	P	00 27 14.5 +0.2	D25K	Kavik River	98.45	19	P	Pdf	00 27 28.4 +0.3	MCAR	McCarthy VSAT	103.26	25	P	Pdf	00 27 49.1 -0.6	
M15K	Kasigluk River	95.39	29	P	P	00 27 14.4 +0.1	MLY	Manley	98.58	23	IAMS_20	IAMS_20	01 18 51.9	DAWY	Dawson	103.41	22	P	Pdf	00 27 49.8 -0.5	
H20K	Honhosa River	95.46	24	P	P	00 27 14.5 -0.1	MLY	Manley	98.58	23	P	P	00 27 28.6 -0.1	F31M	Tsiigehtich	103.42	18	P	Pdf	00 27 49.8 -0.4	
E18K	Nigu River	95.50	21	P	P	00 27 14.7 0.0	M20K	Styx River	98.62	27	IAMS_20	IAMS_20	01 17 52.2	I30M	Mount Dempster	103.87	20	P	Pdf	00 27 51.4 -1.0	
H12K	Honhosa River	95.50	21	P	P	00 27 15.2 +0.1	M20K	Styx River	98.62	27	P	P	00 27 28.8 -0.2	YUK3	Moose Creek	104.15	24	P	Pdf	00 27 52.7 -1.2	
J17K	VABM Dome	95.57	26	P	Iamb	00 27 27.5	C26K	Camden Bay	98.65	18	P	Pdf	00 27 29.2 +0.3	CTG	Chitina Glacier	104.18	25	P	Pdf	00 27 53.1 -0.8	
J17K	VABM Dome	95.57	26	P	IAMS_20	IAMS_20	01 14 41.5	O18K	Katmai Hardscr	98.68	30	P	P	00 27 29.3 -0.1	H31M	Peel River	104.22	19	P	Pdf	00 27 53.4 -0.4
J17K	VABM Dome	95.57	26	P	P	00 27 15.0 -0.1	F24K	Squaw Lake	98.70	21	P	Pdf	00 27 29.7 +0.5	K29M	Barlow Dome	104.22	22	IAMS_20	IAMS_20	01 23 16.0	
S12K	Black Hills	95.59	34	P	P	00 27 15.3 -0.1	H23K	Yukon River	98.76	22	IAMS_20	IAMS_20	01 18 49.5	K29M	Barlow Dome	104.22	22	P	Pdf	00 27 53.1 -0.9	
B21K	Ikpikpuk River	95.64	19	P	P	00 27 14.7 -0.6	H23K	Yukon River	98.76	22	P	Pdf	00 27 30.0 +0.4	J30M	Hart River	104.25	21	P	Pdf	00 27 53.4 -0.7	
C21K	Knifeflade Rid	95.73	20	P	P	00 27 15.4 -0.3	BPWW	Bear Paw Mtn.	98.81	24	P	Iamb	00 27 28.8 -1.0	L29M	L29M	104.39	23	P	Pdf	00 27 54.1 -0.6	
G19K	Purcell Mounta	95.73	23	P	P	00 27 15.1 -0.7	BPWW	Bear Paw Mtn.	98.81	24	P	P	00 27 29.6 -0.2	YUK6	Steele Glacier	104.69	25	P	Pdf	00 27 55.1 -1.2	
L16K	Owhat River	95.76	28	IAMS_20	IAMS_20	01 13 23.7	I23K	Minto, Yukon	99.08	23	IAMS_20	IAMS_20	01 20 22.2	C36M	Paulatuk	104.78	14	P	Pdf	00 27 55.4 -0.8	
L16K	Owhat River	95.76	28	P	P	00 27 15.7 -0.3	C27K	Jago River	99.16	18	IAMS_20	IAMS_20	01 15 50.9	P1NM	Pinnacle	105.08	26	P	Pdf	00 27 57.0 -0.8	
N12K	Kwethluk River																				

6d 0h

Table with columns: Code, Station Name, Az, El, P, PKPdf, Time, Res. Includes stations like M53A WI Miller and, 051A New Philadelphia, 123A Cookes Peak, etc.

NIED 06 00:16:55.6, 42.626N, 141.99E, h35km, MW3.9, Moment Tensor Solution. s3 Moment tensor: scale 10^14Nm...

ICD 06 00:16:56.4, 2.0, 42.626N, 141.84E, h44km, mb3.6/11, mbtmp3.8, ML2.1/1, MS1.91 Error ellipse: s-maj=26.3km s-min=13.5km az=105.0

JMA 06 00:16:56.0, 0.2, 42.7N, 0.8, 142.0E, 0.7, h34km, 1km, Mw3.8/2.0, ISHIKARI DEPRESSION. JMA Feit III J1 at ISHIKARI DEPRESSION.

ISC 06 00:16:55.4, 0.9, 42.69N, 0.03, 141.97E, 0.03, h43km, 2km, n54, c0580/61, mb4.0/16, BD, Hokkaido region

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like CIAM Iburiatsuma, JBT2 Biratori 2, etc.

KSR5 Korea Array 11.96 249 LR LR 00 24 02.4

PETK Petropavlovsk- 14.79 40 P Pn 00 20 21.0 -1.0

SEY Seymchan 21.18 13 P P 00 21 38.9 +1.3

H1N2 WAKE ISLAND Hy 31.07 130 T T 00 56 34.3

H1N1 WAKE ISLAND Hy 31.07 130 T T 00 56 35.1

H1N3 WAKE ISLAND Hy 31.08 130 T T 00 56 35.7

H1S1 WAKE ISLAND Hy 31.93 131 T T 00 57 38.0

H1S3 WAKE ISLAND Hy 31.94 131 T T 00 57 42.2

H1S2 WAKE ISLAND Hy 31.95 131 T T 00 57 40.9

IMAR Indian Mountain 41.64 34 P P 00 24 39.4 -0.6

MKAR Makanchi Array 41.71 297 P P 00 24 39.9 -1.0

F21K Alatina Rivas 41.79 32 P P 00 24 41.0 -0.3

2018 SEP

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like FINES FINES Array B, ASAR Alice Springs, HFS Hagfors, etc.

ICD 06 00:32:32.2, 2.1, 0.69, 66N, 15.79W, h0km, mb3.6/8, mbtmp3.7/15, ML2.9/7, MS3.3/10, Error ellipse: s-maj=22.6km s-min=18.3km az=176.0

REY 06 00:32:36.9, 69.17, 22N, 19.69W, h10km, DNK 06 00:32:56.0, 1.8, 71.22N, 19.69W, h0km, 146km

ISC 06 00:32:33.0, 5.0, 6.95, 54N, 106.615W, 0.07, h10km, n38, c157/39, mb3.6/9, MS3.3/6, Jan Mayen Island region

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like SCO Scoresbysund, IGRI Grimsey, IGRI Heolshofur, etc.

IGRS Grimstabb 3.92 182 P Pn 00 33 32.7 -0.9

IGRS Reyhnlid 3.94 187 P Pn 00 33 37.3 -0.2

IMEL Melhnausar 4.00 185 P Pn 00 33 34.2 -0.6

ISVA Svartartok 4.26 189 P Pn 00 33 38.3 0.0

BORG Borgarnes 5.28 207 Pn 00 33 54.1 +1.8

SPITS Spitsbergen Ar 12.20 31 Pn 00 35 24.9 -2.0

NOA NORSAR Array B 14.00 114 Pn 00 35 52.2 +0.6

ARCES ARCESS Array B 14.23 71 Pn 00 35 54.6 -0.2

EKA Eskdalemur Ar 15.35 152 Pn 00 36 10.9 +1.1

HFS Hagfors 15.48 113 Pn 00 36 11.4 -0.2

FINES FINES Array B 18.76 95 P P 00 36 51.6 -0.6

FRB Frobisher Bay 21.09 280 LR LR 00 45 15.7

CLL Collins 22.74 129 P P 00 37 37.1 +1.8

RES Resolute Bay 23.06 318 LR LR 00 46 26.9

BRG Bergjesshubel 23.39 128 eP P 00 37 46.6 +4.5

GERES GERESS Array B 25.17 130 P P 00 37 59.7 +1.0

VRAC Vranov 25.55 126 LR LR 00 48 45.1

AKASG Main Array Be 28.25 108 P P 00 38 26.4 -0.2

BVAR Borovoye Array 40.51 68 P P 00 40 12.2 +0.1

ZALV Zalesovo Beam 44.20 56 P P 00 40 41.7 -0.3

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Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like NVAR Mina Array Be, ILAR Eielson Array, etc.

IDC 06 00:45:50.5, 0.9, 6.43S, 143.78E, h0km, mb4.3/9, mbtmp4.3/11, ML1.8/1, Error ellipse: s-maj=38.2km s-min=20.6km az=82.0

NEIC 06 00:45:53.1, 1.1, 1.6, 0.1, 143.4E, 0.1, h10km, 1km, mb4.6/15, Error ellipse: s-maj=19.3km s-min=16.1km az=34.0

ISC 06 00:45:56.3, 0.7, 6.46S, 107.14335E, 0.10, h35km, n34, c1563/35, mb4.5/15, New Guinea

Code Station Name Az El P Phase ID Time Res ISC h m s ISC Pn 00 47 04.3 -1.5

PMG Port Moresby 4.78 128 Op Pn 00 47 48.4 -1.2

COEN Coen 7.45 181 Pn Pn 00 47 44.2 +1.6

MTN Mantak 11.61 287 P Pn 00 49 05.5 -1.4

WBO Warramunga Arr 15.84 213 Pn Pn 00 49 36.1 -0.6

WRA Warramunga Arr 16.01 212 Pn Pn 00 49 37.3 -1.6

WRA Warramunga Arr 16.01 212 Pn Pn 00 52 30.2 -5.3

KNRA Kunurra 16.98 326 Pn Pn 00 49 47.8 -3.5

SOEI Soe 19.17 259 Pn Iamb 00 50 18.9 +0.7

AS31 Alice Springs 19.37 207 Pn Pn 00 50 20.6 +0.2

ASAR Alice Springs 19.37 207 Pn Pn 00 50 21.2 +1.7

ASAR Alice Springs 19.37 207 Pn Pn 00 50 21.2 +1.7

USRK Ussuriysk Ar 51.46 350 P P 00 54 59.0 +1.0

KSR5 Korea Array 46.00 343 P Pn 00 54 15.4 -0.8

USRK Ussuriysk Ar 51.46 350 P P 00 54 59.0 +1.0

PETK Petropavlovsk- 60.58 10 P P 00 56 03.4 +0.2

MKAR Makanchi Array 75.57 322 P P 00 57 38.1 +0.6

NIL Nilore 77.26 306 P P 00 57 47.4 0.0

ZALV Zalesovo Beam 77.50 329 P P 00 57 47.7 -0.5

KURBB Kurchatov Arra 79.44 324 P P 00 57 59.4 +0.4

SIMJ Simiganj 81.92 310 Iamb Iamb 00 58 12.7 -0.1

M19K Big River Lodg 83.08 25 P P 00 58 19.6 -1.5

QSPA South Pole Qui 83.51 180 P P 00 58 19.8 -0.7

BVAR Borovoye Array 85.02 325 P P 00 58 29.2 +1.1

BRVK Borovoye 85.09 325 P Iamb 00 58 28.6 +0.1

IMAR Indian Mountain 85.22 21 P P 00 58 29.4 +0.6

PWL Port Welles 85.28 27 P P 00 58 29.5 +0.5

RND Reindeer 86.03 25 P Iamb 00 58 32.8 -0.2

DHY Denali Highway 86.53 25 P Iamb 00 58 36.1 +0.5

G23K Bananza Creek 86.89 21 P P 00 58 37.6 +0.4

G23K Clear Creek Bu 86.93 24 P Iamb 00 58 37.6

ILAR Eielson Array 87.34 24 P P 00 58 38.6 -0.8

DBIC Dimbokro 148.42 272 PKPbc PKKIP 01 05 42.1 +0.3

UCR 06 00:49:52.9, 8.1, 10.1, 89N, 85.93W, h41km, 5km, MW4.0

CATAC 06 00:49:53.8, 0.4, 10.95N, 85.85W, h33km, 4km, ML4.2

ISC 06 00:49:53.9, 1.2, 10.92N, 0.03, 85.88W, 0.04, h52km, 8km, n78, c0570/120, 11C-8D, Costa Rica

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like LCRUZ La Cruz, ELI1 Hacienda Flor, ALIBA Liberia Airpor, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like VERA, NANN, JTS, LCHIL, etc.

ADC 06:00:56:28.4.2.2, 11°15'Sx123°90'E, h0km, mb3.5/2, mbmp3.6/4, ML3.4/2, Error ellipse: s-maj=199.6km s-min=32.5km az=52.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like ASAR, MKAR, KURBB, etc.

WRA Warrungunga Arr 41.29 282 P P 01 26 46.5 +1.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like OHH, Osh, OHH, etc.

CHHK Chushulky 2.4nm,0.4s 4.45 19 Pg Pg 01 23 20.7 -3.4

6d 3h

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KURBB Kurchatov Arra, ILAR Eielson Array, WRA Warramunga Arr, etc.

IDC 06 03:19:44.9.1.8, 0.95N, 97.39E, h0km, mb3.8/8, m1bpm3.8/8, Error ellipse: s-maj=71.0km s-min=23.6km az=52.0

ISC 06 03:19:49.1.1.7, 1.0N, 0.3, 97.5E, 0.3, h27km, n20, e073/8, mb3.8/8, Northern Sumatera

Main table for 6d 3h section with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, etc.

IDC 06 03:29:41.2.0.7, 11.01N, 144.60E, h0km, mb4.4/19, m1bpm4.4/20, M.L4.2/1, M.S3.3/20, Error ellipse: s-maj=22.8km s-min=15.6km az=88.0

NEIC 06 03:29:44.0.1.1, 11.03N, 0.08, 144.5E, 0.1, h10km, 1km, mb4.7/97, Error ellipse: s-maj=24.4km s-min=12.7km az=96.0

BUI 06 03:29:44.7.0.0, 10.98N, 144.74E, h39km, mb4.7/42, mB5.0/12, Ms4.2/5, Ms7.3/9.5

ISC 06 03:29:46.7.0.1, 11.02N, 0.06, 144.6E, 0.1, h35km, n157, e095/141, mb4.7/80, M.S3.3/21, 2C-1D, South of Mariana Islands

Main table for 6d 3h section with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like GUMO Guam, PMG Port Moresby, JOW Kunigami, etc.

2018 SEP

Main table for 2018 SEP section with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like W2B Warramunga Arr, WRA Warramunga Arr, JKA Asahikawa, etc.

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Main table for 328 section with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like CRQM Cirque, BRVK Borovaya, CHGR Chuyangaron, etc.

WEL 06 03:35:54.3.0.7, 45.5S, 167.7E, h30km, 6km, M3.3/8, m3.3/8, m3.3/8, Error ellipse: s-maj=0.0km s-min=0.0km az=124.0, South Island

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like DCZ Deep Cove, MSZ Milford Sound, MSZ Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, YKA Yellowknife Ar, M29M Somme Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUR KUR, KUR KUR, JSD Sado, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRAI Chiangrai, J20K Nowinta River, IMAR Telida, etc.

SKHL 06:05:03.58.0.1, 42.20'N, 141.90'E, h47km, 5km, mb5.1/3
MOS 06:05:03.57.8.1, 42.20'N, 141.93'E, h49km, mb4.6/17, Error ellipse: s-maj=8.3km s-min=6.3km az=101.9

KS19 Wonju Array S1 11.92 250 Pn Pn 05 06 48.1 +2.3
KSAR Wonju Array B1 11.94 249 Pn Pn 05 06 48.7 +2.6
KSAR Wonju Array Be 11.94 249 Pn Pn 05 06 48.7 +2.6

G21K Allakaket 41.87 33 P Iamb P 05 11 45.8 +0.9
MA2Z Makanchi 41.96 297 P P 05 11 44.9 -1.0
MAKZ Makanchi 41.96 297 Pmax Pmax 05 11 44.9 -1.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JB2T Biratori 2, JSHD Hidakashinida, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JZU Nakatsue, MA2 Magadan, YAK Yakutsk, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BRVK Borovoye, BOOM Boomsokoye usch, BOOM Boomsokoye ush, etc.

2018 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PMG, Port Moresby, CMA, MTSU, QLP, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like FITZ, KRAI, KMBL, KMLB, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like YHNB, BBJJ, BBUJ, KSM, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like R18K Karluk, NJ2 Nanjing, ISA Isabella, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like C2N2 comp=Z,10.0nm,0.4s, P19K comp=Z,100nm,8.0s, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like HIN Hinchinbrook I, X16A Lo Mila Camp, CBB Camp, etc.

TABL	Table Mountain	83.80	18	I	Amb	I	Amb	05 25 12.5
BJT	Baijiatuau	83.81	315	P	P			05 25 12.0 +0.4
BJT	Baijiatuau	83.81	315	P	P			05 25 12.0 +0.4
BJI	Beijing	83.81	315	P	P			05 25 12.1 +0.5
BJI				pP	pP			05 27 10.7 +1.8
BJI				SKS	SKS			05 34 43.8 +0.9
BFID	Camas Ranch	83.81	41	I	Amb	I	Amb	05 25 13.9
VRDI	Verde Repeater	83.81	16	I	Amb	I	Amb	05 25 12.4
N25K	Chitina, Valde	83.84	16	I	Amb	I	Amb	05 25 12.3
N25K	Chitina, Valde	83.84	16	P	P			05 25 11.4 +0.1
LYN	LuoYang	83.84	309	eP	S			05 25 13.2 +1.3
LYN				S	S			05 34 54.2 +3.6
LYN				pmax	pmax			
LYN				pmax	pmax			
BCPM	Bancas Point	83.85	19	I	Amb	I	Amb	05 25 12.6
GRNC	Granite Creek	83.87	17	I	Amb	I	Amb	05 25 12.8
SEY	Seymchan	83.87	347	cP	P			05 25 11.3 -0.1
M24K	Tolsona, Glenn	83.87	15	P	P			05 25 11.8 +0.3
W18A	Petrified Fore	83.89	50	I	Amb	I	Amb	05 25 14.9
W18A	Petrified Fore	83.89	50	P	P			05 25 13.5 +1.1
R31K	City Hall, Gus	83.90	21	P	P			05 25 12.2 +0.6
WAT6	Susitna Watana	83.92	14	P	P			05 25 11.5 -0.4
H17K	Granite Mounta	83.92	8	P	P			05 25 11.5 -0.1
WAT1	Susitna Watana	83.96	13	P	P			05 25 11.3 -0.6
D08A	Wolman Farm,	83.97	36	I	Amb	I	Amb	05 25 13.7
MCARA	McCarthy VSAT	84.06	16	I	Amb	I	Amb	05 25 13.6
MCARA	McCarthy VSAT	84.06	16	P	P			05 25 12.5 +0.1
G16K	Koyuk River	84.07	7	P	P			05 25 12.4 +0.1
J20K	Nowitna River	84.08	10	I	Amb	I	Amb	05 25 13.5
J20K	Nowitna River	84.08	10	P	P			05 25 12.3 -0.1
KTH	Kantishna Hill	84.11	12	I	Amb	I	Amb	05 25 12.4
E09A	Wood Farm, Sta	84.11	37	I	Amb	I	Amb	05 25 14.8
F15K	North Star Dit	84.14	6	P	P			05 25 12.5 -0.2
CHUM	Lake Minchumin	84.14	11	P	P			05 25 11.7 -1.0
LOGM	Logan Glacier	84.16	17	I	Amb	I	Amb	05 25 14.2
GCSA	Galena City Sc	84.17	9	P	P			05 25 12.7 -0.1
CTG	Chitna Glacier	84.17	17	P	P			05 25 13.2 -0.0
CTGM	Chitina Glacie	84.18	17	I	Amb	I	Amb	05 25 14.3
P29M	Windy Craggy	84.19	19	I	Amb	I	Amb	05 25 14.8
P29M	Windy Craggy	84.19	19	P	P			05 25 13.7 +0.6
U35K	Hyder	84.20	25	P	P			05 25 13.6 +0.4
121A	Cookes Peak, D	84.21	53	P	P			05 25 15.7 +1.7
R32K	Eaglestest	84.22	22	P	P			05 25 13.8 +0.6
ENH	Enshi	84.27	304	P	P			05 25 14.0 -0.2
H18K	Honhosa River	84.33	8	P	P			05 25 13.1 -0.5
O28M	Mount Upton	84.35	18	P	P			05 25 14.2 -0.0
G17K	Kiwalik Mounta	84.37	7	P	P			05 25 13.4 -0.4
HARP	HARP	84.37	15	P	P			05 25 13.9 -0.1
DHY	Denali Highway	84.43	14	I	Amb	I	Amb	05 25 15.2
DHY	Denali Highway	84.43	14	P	P			05 25 13.8 -0.6
O29M	Mount Kennedy	84.45	19	I	Amb	I	Amb	05 25 16.2
O29M	Mount Kennedy	84.45	19	P	P			05 25 14.7 +0.2
B08A	Colville Reser	84.48	35	I	Amb	I	Amb	05 25 16.0
PLBC	Pleasant Camp	84.49	20	P	P			05 25 15.2 +0.6
ZAIG	Zacatecas	84.54	64	I	Amb	I	Amb	05 25 19.3
BPBW	Bear Paw Mtn.	84.59	12	P	P			05 25 13.3 -1.7
I20K	Naaghedeneel	84.59	10	I	Amb	I	Amb	05 25 16.3
I20K	Naaghedeneel	84.59	10	P	P			05 25 14.9 -0.0
MO1G	Morelia	84.60	67	I	Amb	I	Amb	05 25 18.5
Q16A	Castle Valley	84.62	46	I	Amb	I	Amb	05 25 18.8
MCK	McKinley	84.67	13	P	P			05 25 14.7 -0.7
C09A	Chrisman Ranch	84.75	36	I	Amb	I	Amb	05 25 17.8
HLID	Hailey	84.77	41	I	Amb	I	Amb	05 25 18.9
PAX	Paxson	84.78	14	P	P			05 25 15.1 -0.9
P30M	Million Dollar	84.81	19	P	P			05 25 16.9 +0.7
SKAG	Skagway	84.84	21	P	P			05 25 17.3 +1.1
T35M	Bob Quinn	84.86	24	P	P			05 25 17.2 +0.8
EPT	El Paso	84.87	54	I	Amb	I	Amb	05 25 19.7
YUK8	Steele Glacier	84.88	18	P	P			05 25 17.0 +0.2
M26K	Nabesna, AK	84.92	16	I	Amb	I	Amb	05 25 17.8
M26K	Nabesna, AK	84.92	16	P	P			05 25 16.6 -0.0
HVU	Hansel Valley	84.92	43	I	Amb	I	Amb	05 25 19.5
H19K	Roundabout Mou	84.96	9	I	Amb	I	Amb	05 25 18.1
H19K	Roundabout Mou	84.96	9	P	P			05 25 16.6 -0.1
G18K	Tagayagan	85.00	8	P	P			05 25 16.3 -0.6
GYA	Guiyang	85.03	300	P	P			05 25 18.3 +0.2
GYA				pP	pP			05 27 17.0 +1.2
GYA				SKS	SKS			05 34 50.6 -0.8
GYA				S	S			05 35 04.5 +1.8
GYA				pmax	pmax			
GYA				pmax	pmax			
YUK6	Outpost	85.03	18	P	P			05 25 17.5 +0.1
YUK3	Moose Creek	85.08	17	P	P			05 25 17.7 -0.0
H20K	Antoleneega Mo	85.17	10	P	P			05 25 17.7 -0.1
M27K	Edge Creek, AK	85.17	16	I	Amb	I	Amb	05 25 19.6
M27K	Edge Creek, AK	85.17	16	P	P			05 25 18.3 +0.3
S34M	Telegraph Cree	85.19	23	I	Amb	I	Amb	05 25 20.1
S34M	Telegraph Cree	85.19	23	P	P			05 25 19.0 +1.0

F17K	Baldwin Pennin	85.20	7	I	Amb	I	Amb	05 25 20.3
F17K	Baldwin Pennin	85.20	7	P	P			05 25 17.6 -0.2
ZEA	Zeya	85.25	331	eP	P			05 25 19.2 +0.8
ZEA				pmax	pmax			
ZEA				pmax	pmax			
YUK4	Talbot Arm	85.26	18	P	P			05 25 19.2 +0.7
L26K	Log Cabin Wild	85.35	15	I	Amb	I	Amb	05 25 19.9
L26K	Log Cabin Wild	85.35	15	P	P			05 25 18.7 -0.0
NEA2	Nenan	85.41	12	P	P			05 25 17.7 -1.2
K24K	Donnelly Dome	85.43	14	P	P			05 25 18.9 -0.2
G19K	Purcell Mounta	85.45	9	P	P			05 25 18.7 -0.3
MLY	Manley	85.47	11	P	P			05 25 18.1 -1.2
P32M	Atlin	85.48	21	P	P			05 25 19.9 +0.5
Y22M	IRIS PASSCAL I	85.52	52	I	Amb	I	Amb	05 25 21.3
Y22M	IRIS PASSCAL I	85.52	52	P	P			05 25 21.7 +1.4
Q32M	Nakina River	85.52	22	I	Amb	I	Amb	05 25 21.2
Q32M	Nakina River	85.52	22	P	P			05 25 20.6 +0.7
F18K	Selawik	85.54	7	P	P			05 25 18.7 -0.7
RIDG	Independent Ri	85.59	14	I	Amb	I	Amb	05 25 20.7
RIDG	Independent Ri	85.59	14	P	P			05 25 19.5 -0.4
O30N	Mendhall	85.59	19	I	Amb	I	Amb	05 25 21.5
O30N	Mendhall	85.59	19	P	P			05 25 20.4 +0.5
NEW	Newport	85.65	36	P	P			05 25 20.3 -0.2
H21K	Melozira River	85.67	10	P	P			05 25 20.0 -0.1
HDA	Harding Lake	85.69	13	I	Amb	I	Amb	05 25 20.1
HDA	Harding Lake	85.69	13	P	P			05 25 19.6 -0.6
CCB	Clear Creek Bu	85.72	13	I	Amb	I	Amb	05 25 20.6
E17K	Hotham Inlet	85.76	6	P	P			05 25 20.1 -0.4
L27K	Beaver Creek,	85.77	16	P	P			05 25 20.4 -0.3
BCAR	Beaver Creek A	85.78	16	P	P			05 25 20.3 -0.5
XLT	XilinHaoTe	85.78	319	eP	P			05 25 21.8 +0.5
XLT				pP	pP			05 27 21.1 +1.8
IMAR	Indian Mountai	85.81	10	P	P			05 25 20.1 -0.7
N30M	Aishikik Lake	85.81	19	P	P			05 25 20.9 -0.0
N30M	Aishikik Lake	85.81	19	P	P			05 25 21.1 +0.1
I23K	Minto, Yukon-K	85.84	12	I	Amb	I	Amb	05 25 21.3
I23K	Minto, Yukon-K	85.84	12	P	P			05 25 19.7 -1.2
WHY	Whitehorse	85.89	20	I	Amb	I	Amb	05 25 22.5
WHY	Whitehorse	85.89	20	P	P			05 25 22.0 +0.5
MDM	Murphy Dome	85.90	12	I	Amb	I	Amb	05 25 21.4
COLA	College	85.91	13	P	P			05 25 20.4 -0.8
COLA	College	85.91	13	I	Amb	I	Amb	05 25 20.8
COLA	College	85.91	13	P	P			05 25 20.4 -0.8
COLA	College	85.91	13	pmax	pmax			05 25 20.4 -0.8
DLBC	Dease Lake	85.97	23	I	Amb	I	Amb	05 25 23.7
DLBC	Dease Lake	85.97	23	P	P			05 25 22.2 +0.4
SCRK	Sand Creek	85.99	15	P	P			05 25 21.5 -0.3
F19K	Shalercuk Mo	86.01	8	P	P			05 25 21.4 -0.3
IL31		86.02	13	I	Amb	I	Amb	05 25 22.1
ILAR	Eielson Array	86.02	13	P	P			05 25 20.8 -1.1
ILAR		86.02	13	pP	pP			05 27 22.5 +0.3
ILAR		86.02	13	P	P			05 24 17.3 +0.3
TXAR	Lajitas Array	86.13	58	P	P			05 25 24.9 +1.6
TXAR		86.13	58	pP	pP			05 43 10.8 -1.5
H22K	Ishlaltina Cre	86.13	11	P	P			05 25 22.0 -0.3
M29M	Somme Creek	86.18	17	P	P			05 25 23.0 +0.2
POKR	Poker Plat Res	86.20	13	I	Amb	I	Amb	05 25 22.2
POKR	Poker Plat Res	86.20	13	P	P			05 25 21.7 -1.0
J25K	Salcha River	86.22	14	I	Amb	I	Amb	05 25 23.7
J25K	Salcha River	86.22	14	P	P			05 25 22.4 -0.5
E18K	Tukpatearik C	86.22	7	P	P			05 25 22.6 -0.1
D17K	Noatak River	86.23	6	P	P			05 25 22.7 -0.0
ANMO	Albuquerque	86.23	52	P	P			05 25 24.1 +0.3
ANMO	Albuquerque	86.23	52	I	Amb	I	Amb	05 25 25.8
ANMO	Albuquerque	86.23	52	dP	P			05 25 24.4 +0.6
N31M	Braeburn, Yuko	86.24	19	I	Amb	I	Amb	05 25 24.5
N31M	Braeburn, Yuko	86.24	19	P	P			05 25 23.4 +0.4
N33M	Tesslin, Yukon	86.25	21	P	P			05 25 23.3 +0.2
XAN	Xi'an	86.27	307	pP	pP			05 25 25.0 +1.2
XAN				pP	pP			05 27 23.8 +1.9
XAN				SKS	SKS			05 34 58.2 -0.4
XAN				S	S			05 35 19.2 -0.7
XAN				pmax	pmax			
R33M	Jennings River	86.30	22	I	Amb	I	Amb	05 25 25.5
R33M	Jennings River	86.30	22	P	P			05 25 24.1 +0.7
G21K	Allakaket	86.32	10	P	P			05 25 23.2 -0.1
H23K	Yukon River	86.41	12	P	P			05 25 22.5 -1.2
AHID	Auburn Hatcher	86.49	43	I	Amb	I	Amb	05 25 27.0
F20K	Avarast Lake	86.49	9	P	P			05 25 23.8 -0.2
K27K	Chicken	86.50	15	I	A			

GERES	GERESS Array B	147.70 345	PKPbc	PKPbc	05 32 23.2 +0.2
GERES	GERESS Array B	147.70 345	PKPbc	PKPbc	05 32 23.3 +0.3
BZS	Buzias	147.80 333	PKPbc	PKPbc	05 32 23.1 -0.1
BZS	Buzias	147.80 333	PKPbc	PKPbc	05 32 23.1 -0.1
RCHB	Rochefort	147.81 356	PKPbc	PKPbc	05 32 19.7 +0.4
RCHB	Rochefort	147.81 356	PKPbc	PKPbc	05 32 23.1 -0.1
RCHB	Rochefort	147.81 356	PKPbc	PKPbc	05 34 29.0 +0.1
ISP	Isparta	147.86 314	PKPbc	PKPbc	05 32 23.6 -0.2
ISP	Isparta	147.86 314	PKPbc	PKPbc	05 32 23.6 -0.2
DOU	Dourbes	147.91 356	PKPbc	PKPbc	05 32 23.5 +0.2
DOU	Dourbes	147.91 356	PKPbc	PKPbc	05 34 25.2 -1.4
CONA	Conrad Observa	147.95 82	PKPbc	PKPbc	05 32 19.8 +0.1
CONA	Conrad Observa	147.95 82	PKPbc	PKPbc	05 32 19.8 +0.1
CONA	Conrad Observa	147.95 82	PKPbc	PKPbc	05 32 24.3 -0.7
HERR	Herculane	148.02 331	PKPbc	PKPbc	05 32 23.7 -0.1
RONA	Rosalia, Austr	148.02 341	PKPbc	PKPbc	05 32 19.9 0.0
RONA	Rosalia, Austr	148.02 341	PKPbc	PKPbc	05 32 19.9 0.0
RONA	Rosalia, Austr	148.02 341	PKPbc	PKPbc	05 32 24.3 +0.6
WLF	Waiferdang	148.22 354	PKPbc	PKPbc	05 32 20.6 +0.6
WLF	Waiferdang	148.22 354	PKPbc	PKPbc	05 32 24.9 -0.4
WLF	Waiferdang	148.22 354	PKPbc	PKPbc	05 34 30.1 -0.5
WLF	Waiferdang	148.22 354	PKPbc	PKPbc	05 32 20.9 +0.9
WLF	Waiferdang	148.22 354	PKPbc	PKPbc	05 32 25.3 -0.1
WLF	Waiferdang	148.22 354	PKPbc	PKPbc	05 34 30.7 +0.1
MDVR	Moldovita	148.41 332	PKPbc	PKPbc	05 32 24.8 0.0
VALD	Valchedram	148.43 329	PKPbc	PKPbc	05 32 25.4 -0.6
DIM	Dimitrovgrad	148.47 324	PKPbc	PKPbc	05 32 25.6 -0.5
MOA	Molin	148.47 343	PKPbc	PKPbc	05 32 20.7 +0.2
MOA	Molin	148.47 343	PKPbc	PKPbc	05 32 20.7 +0.2
MOA	Molin	148.47 343	PKPbc	PKPbc	05 32 25.1 +0.3
MORH	Mirgy, Hungar	148.51 337	PKPbc	PKPbc	05 32 24.8 -0.1
MORH	Mirgy, Hungar	148.51 337	PKPbc	PKPbc	05 32 20.5 -0.1
ARSA	Arzberg	148.66 342	PKPbc	PKPbc	05 32 25.3 0.0
STU	Stuttgart	148.70 350	PKPbc	PKPbc	05 32 21.3 +0.5
STU	Stuttgart	148.70 350	PKPbc	PKPbc	05 32 26.2 -0.2
STU	Stuttgart	148.70 350	PKPbc	PKPbc	05 32 21.4 +0.5
STU	Stuttgart	148.70 350	PKPbc	PKPbc	05 32 26.0 -0.4
STU	Stuttgart	148.70 350	PKPbc	PKPbc	05 32 31.0 -0.2
JLP	Les Platons	148.72 5	PKPbc	PKPbc	05 32 25.1 -0.2
JSA	Saint Aubin	148.77 5	PKPbc	PKPbc	05 32 25.4 +0.1
BIOA	Bad Ischl, Aus	148.79 344	PKPbc	PKPbc	05 32 20.8 -0.2
BIOA	Bad Ischl, Aus	148.79 344	PKPbc	PKPbc	05 32 25.6 -0.1
KDZ	Kurdzhali	148.88 324	PKPbc	PKPbc	05 32 26.1 +0.1
FUR	Furstenfeldbru	148.90 347	PKPbc	PKPbc	05 32 21.5 +0.3
FUR	Furstenfeldbru	148.90 347	PKPbc	PKPbc	05 32 26.5 -0.4
FUR	Furstenfeldbru	148.90 347	PKPbc	PKPbc	05 32 32.4 +0.4
FUR	Furstenfeldbru	148.90 347	PKPbc	PKPbc	05 32 32.4 +0.4
FRGS	Fruska Gora	148.93 334	PKPbc	PKPbc	05 32 26.1 0.0
RJOB	Rochberg	148.96 345	PKPbc	PKPbc	05 32 21.1 -0.3
RJOB	Rochberg	148.96 345	PKPbc	PKPbc	05 32 26.4 +0.4
CAVK	Edirne/Enez-Ca	149.01 322	PKPbc	PKPbc	05 32 25.7 -0.6
PSET	Sete Cidades	149.07 45	PKPbc	PKPbc	05 32 26.6 -0.1
RZN	Rozhen	149.16 325	PKPbc	PKPbc	05 32 26.9 -0.1
BFO	Black Forest	149.27 351	PKPbc	PKPbc	05 32 21.6 -0.2
BFO	Black Forest	149.27 351	PKPbc	PKPbc	05 32 27.5 -0.1
BFO	Black Forest	149.27 351	PKPbc	PKPbc	05 32 21.8 0.0
BFO	Black Forest	149.27 351	PKPbc	PKPbc	05 32 27.3 -0.3
BFO	Black Forest	149.27 351	PKPbc	PKPbc	05 32 33.3 -0.3
BFO	Black Forest	149.27 351	PKPbc	PKPbc	05 32 33.3 -0.3
LESA	Schwarzleotol	149.28 345	PKPbc	PKPbc	05 32 21.6 -0.3
LESA	Schwarzleotol	149.28 345	PKPbc	PKPbc	05 32 26.8 -0.1
BOVS	Bovan	149.30 331	PKPbc	PKPbc	05 32 26.1 -0.9
VTS	Vitosha	149.31 328	PKPbc	PKPbc	05 32 27.7 -0.4
SOKA	Soboth	149.32 342	PKPbc	PKPbc	05 32 21.5 -0.5
SOKA	Soboth	149.32 342	PKPbc	PKPbc	05 32 26.8 -0.3
PERON	Lagoa das Cont	149.34 45	PKPbc	PKPbc	05 32 23.8 +1.6
KBA	Kocinbreinsper	149.43 344	PKPbc	PKPbc	05 32 27.1 -0.6
KBA	Kocinbreinsper	149.43 344	PKPbc	PKPbc	05 32 26.9 -0.5
EZN	Ezine	149.46 320	PKPbc	PKPbc	05 32 21.6 -0.7
BART	Pico Bartolomeo	149.47 44	PKPbc	PKPbc	05 32 22.9 +0.4
TEKS	Tekeris	149.54 334	PKPbc	PKPbc	05 32 27.3 -0.2
UBR	Ueberuhr	149.59 348	PKPbc	PKPbc	05 32 22.4 0.0
UBR	Ueberuhr	149.59 348	PKPbc	PKPbc	05 32 28.0 -0.3
OBKA	Obir	149.62 342	PKPbc	PKPbc	05 32 27.3 -0.4
OBKA	Obir	149.62 342	PKPbc	PKPbc	05 32 26.7 -1.1
WATA	Walderalm	149.62 346	PKPbc	PKPbc	05 32 22.4 -0.2
WATA	Walderalm	149.62 346	PKPbc	PKPbc	05 32 27.9 +0.1
RETA	Reutte	149.65 348	PKPbc	PKPbc	05 32 22.4 -0.1
RETA	Reutte	149.65 348	PKPbc	PKPbc	05 32 27.9 +0.2
WTTA	Wattenberg	149.67 346	PKPbc	PKPbc	05 32 22.4 -0.3
WTTA	Wattenberg	149.67 346	PKPbc	PKPbc	05 32 28.8 +0.2
MOTA	Moosalm	149.72 347	PKPbc	PKPbc	05 32 22.6 -0.1
MOTA	Moosalm	149.72 347	PKPbc	PKPbc	05 32 28.1 +0.1
MYKA	Terra Mystica	149.76 343	PKPbc	PKPbc	05 32 22.2 -0.5
MYKA	Terra Mystica	149.76 343	PKPbc	PKPbc	05 32 27.5 -0.6
MMB	Musomishta	149.80 326	PKPbc	PKPbc	05 32 28.2 -0.1
SQT	Sankt Quirin	149.81 347	PKPbc	PKPbc	05 32 22.8 +0.1
SQT	Sankt Quirin	149.81 347	PKPbc	PKPbc	05 32 28.4 +0.2
ABTA	Abtlersbach	149.95 345	PKPbc	PKPbc	05 32 29.0 -0.2
ABTA	Abtlersbach	149.95 345	PKPbc	PKPbc	05 32 22.5 -0.5
ABTA	Abtlersbach	149.95 345	PKPbc	PKPbc	05 32 28.1 -0.4
PSMN	Pico do 122nm,0.7s	149.95 46	PKPbc	PKPbc	05 32 29.0 -0.2
DAVA	Daruels	150.02 349	PKPbc	PKPbc	05 32 22.5 -0.7
DAVA	Daruels	150.02 349	PKPbc	PKPbc	05 32 29.0 +0.3
LJU	Ljubljana	150.04 342	PKPbc	PKPbc	05 32 22.5 -0.5
LJU	Ljubljana	150.04 342	PKPbc	PKPbc	05 32 28.6 -0.1
LJU	Ljubljana	150.04 342	PKPbc	PKPbc	05 32 35.8 -1.0
FETA	Feichten	150.10 347	PKPbc	PKPbc	05 32 23.5 +0.2
FETA	Feichten	150.10 347	PKPbc	PKPbc	05 32 29.3 -0.3
BBLs	Blažiče	150.15 333	PKPbc	PKPbc	05 32 28.7 -0.4
HAPS	Han Pijesak, BI	150.16 334	PKPbc	PKPbc	05 32 29.4 +0.3
VISS	Visnje	150.17 341	PKPbc	PKPbc	05 32 22.8 -0.5
VISS	Visnje	150.17 341	PKPbc	PKPbc	05 34 34.8 -0.3
GBAS	Gorenja Brezov	150.17 342	PKPbc	PKPbc	05 32 22.4 -0.9
GBAS	Gorenja Brezov	150.17 342	PKPbc	PKPbc	05 32 28.5 -0.5
GBAS	Gorenja Brezov	150.17 342	PKPbc	PKPbc	05 36.1 -1.3
A051A	Mrakovica	150.20 340	PKPbc	PKPbc	05 32 28.7 -0.4
BLY	Banja Luka	150.29 337	PKPbc	PKPbc	05 32 29.2 -0.1
BOJS	Bojanci	150.30 340	PKPbc	PKPbc	05 32 23.3 -0.2
BOJS	Bojanci	150.30 340	PKPbc	PKPbc	05 34 35.7 +0.3
BOJS	Bojanci	150.30 340	PKPbc	PKPbc	05 32 28.1 -0.2
JAVS	Javornik	150.32 342	PKPbc	PKPbc	05 32 22.8 -0.8
JAVS	Javornik	150.32 342	PKPbc	PKPbc	05 32 28.7 -0.7
CEY	Cerknica	150.35 342	PKPbc	PKPbc	05 32 28.9 -0.5
RUDO	Rudo	150.36 333	PKPbc	PKPbc	05 32 28.8 -0.7
SJES	Sjenica	150.38 332	PKPbc	PKPbc	05 32 29.5 -0.2

DAVOX	Davos/Dischmat	150.50 348	PKPbc	PKPbc	05 32 24.3 +0.4
DAVOX	Davos/Dischmat	150.50 348	PKPbc	PKPbc	05 32 30.3 -0.1
PVE	Pjeverci	150.59 327	PKPbc	PKPbc	05 32 30.0 -0.2
VAY	Valandovo	150.91 320	PKPbc	PKPbc	05 32 29.4 -0.7
IVA	Berane	150.73 322	PKPbc	PKPbc	05 32 30.3 -0.2
A050A	Kievokava	150.76 338	PKPbc	PKPbc	05 32 29.7 -0.8
CTI	Castel Tesino	150.82 345	PKPbc	PKPbc	05 32 24.2 -0.2
CTI	Castel Tesino	150.82 345	PKPbc	PKPbc	05 32 25.3 0.0
CTI	Castel Tesino	150.82 345	PKPbc	PKPbc	05 32 40.0 -0.2
UPM	Unac-Piva	150.90 333	PKPbc	PKPbc	05 32 30.1 -0.9
UPM	Unac-Piva	150.90 333	PKPbc	PKPbc	05 32 30.3 -0.7
KOME	Kolasin	150.91 323	PKPbc	PKPbc	05 32 31.2 -0.1
NKME	Niksic	151.23 333	PKPbc	PKPbc	05 32 31.2 -0.3
BRV	Bratost	151.30 329	PKPbc	PKPbc	05 32 31.1 -0.7
PDG	Podgorica	151.30 333	PKPbc	PKPbc	05 32 31.4 -0.4
PDG	Podgorica	151.31 332	PKPbc	PKPbc	05 32 31.3 -0.5
PDG	Podgorica	151.37 332	PKPbc	PKPbc	05 32 31.3 -0.5
CEME	Cevo	151.42 332	PKPbc	PKPbc	05 32 31.4 -0.6
TEOL	Teolo	151.46 345	PKPbc	PKPbc	05 32 25.3 0.0
TEOL	Teolo	151.46 345	PKPbc	PKPbc	05 32 32.2 0.0
TREB	Trebinje	151.53 333	PKPbc	PKPbc	05 32 43.1 +0.4
DRME	Dracevica, Mon	151.59 332	PKPbc	PKPbc	05 32 31.6 -0.7
DRME	Dracevica, Mon	151.59 332	PKPbc	PKPbc	05 32 31.9 -0.7
DRME	Dracevica, Mon	151.59 332	PKPbc	PKPbc	05 32 32.2 -0.3
FNA	Florida	151.60 327	PKPbc	PKPbc	05 32 22.9 -0.7
FNA	Florida	151.60 327	PKPbc	PKPbc	05 32 32.5 -0.1
OHR	Ohrid	151.65 328	PKPbc	PKPbc	05 32 32.5 -0.1
STON	Ston	151.68 334	PKPbc	PKPbc	05 32 31.4 -1.0
UCI	Uci	151.74 321	PKPbc	PKPbc	05 32 32.2 -0.1
BNI	Bardonecchia	152.71 352	PKPbc	PKPbc	05 32 27.7 +0.4
BNI	Bardonecchia	152.71 352	PKPbc	PKPbc	05 32 35.9 +0.9
BNI	Bardonecchia	152.71 352	PKPbc	PKPbc	05 32 49.0 +0.7
BNI	Bardonecchia	152.71 352	PKPbc	PKPbc	05 32 49.0 +0.7
PCAV	Gavleira, Arco	154.72 17	PKPbc	PKPbc	05 32 27.7 +0.6
PCAB	Cabril	155.02 17	PKPbc	PKPbc	05 32 58.5 +0.4
TIP	Tipampgrande	155.10 331	PKPbc	PKPbc	05 32 30.2 -0.5
PBRC	Braganca	155.27 5	PKPbc	PKPbc	05 32 58.9 -0.3
POLO	Lamas de Olo	155.40 17	PKPbc	PKPbc	05 32 40.8 -1.0
POLO	Lamas de Olo	155.40 17	PKPbc	PKPbc	05 32 40.1 -1.0
PSVI	Vila Real	155.51 22	PKPbc	PKPbc	05 32 30.6 +0.4
MVO	Moncorvo	155.80 16	PKPbc	PKPbc	0

CFUSG 06:00:27.2, 40.90N-28.60E, h10km, mb3.2/4, Western Turkey Magtype MSH 3.2 from 24 stations

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GULT, COMU, BUHA, etc.

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

MOS 06:43:06.6:1.1, 8.25S; 117.09E, h9km, mb4.9/24, Error ellipse: s-maj=10.9km s-min=7.3km az=110.9

DJA 06:43:09.4:0.1, 8.25S; 117.7E, h10km, M5.1/48, mb5.5/16, mb5.1/48, MLv5.3/24, Mw(Mb)5.0/16

ISG 06:43:09.3:0.2, 8.37S; 117.00E; 0.03, h10km, n306, 156/248, mb5.0/79, MS3.8/47, 11C-4D, Sumbawa region

Code Station Name Az Phase ID Time Res ISC. Lists stations like TWSI, PLAI, KLNI, etc.

Code Station Name Az Phase ID Time Res ISC. Lists stations like KAPI, KAPI, KAPI, etc.

Code Station Name Az Phase ID Time Res ISC. Lists stations like FAKI, FAKI, FAKI, etc.

6d 8h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRVK Borovoye, I28M Miner Creek, CTGM Chifina Glacie, etc.

IDC 06 08:11:59.5, 1.6, 15.85N:93.77W, h62km, 12km, mb3.5/5, mb1mp3.6/8, MS3.1/2, Error ellipse: s-maj=27.0km

MEX 06 08:11:59.0, 0.9, 15.71N:93.97W, h64km, 18km, MD4.5 GCG 06 08:12:01.0, 0.4, 16.13N:93.42W, h19km, 255km, MD4.4

CATAC 06 08:12:03.7, 0.9, 15.75N:93.40W, h10km, MB4.4, mb4.5, ML4.1

ISC 06 08:11:57.4, 0.7, 15.73N:004.9396W, 0.03, h64km, 9km, n69, e260/112, mb3.6/5, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CARR Arriaga, PCIG Comitán, CMIG Matias Romero, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HUEH Villahermosa, STG3 Santiagou3, NEUV Arroyo Zacate, etc.

TRN 06 08:30:01.3, 17.65N:63.74W, h3km, MD3.8, West of Saba.

RSPR 06 08:30:04.5, 17.73N:63.93W, h45km, 7km, MD2.5/3

ISC 06 08:29:58.5, 1.6, 18.1N:01.6387W, 0.05, h5km, 12km, n15, e1943/20, SC, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SABA Saba, SMRT St. Maarten, SKI Saint Kitts, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PDPR Pattilins Dam, MBFL Flemmings, Mon, etc.

IDC 06 08:34:18.4, 1.5, 29.08S:74.58E, h0km, mb3.7/4, mb1mp3.7/4, Error ellipse: s-maj=58.3km s-min=33.2km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, etc.

IDC 06 08:44:37.8, 739.0, 57.25N:12.24E, h0km, Error ellipse: s-maj=324.2km s-min=170.3km az=47.0, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I37NO I37NO, I43RU DUBNA INFRASONI, etc.

SSNC 06 08:56:28.9, 2.8, 17.96N:71.46W, h7km, 181km, MD3.5, ML2.5, MW2.9

SDD 06 08:56:29.3, 2.2, 19.38N:70.80W, h20km, 14km, MD3.4, ML2.6, MW3.0, 20C-3D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SODR Sosua Marina B, SODR Santiago de lo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include K20K Telida, N19K Kilae Creek, E22K Anaktuvuk Pass, L19K White Mountain, P16K Nushagak River, E21K Killik River, L18K Granite Mounta, M16K Timber Creek, M14K Bethel, P08K Saint George I.

SOME 06 10:30:44.9, 39:42N:77:05E, h10km
KRNET 06 10:30:47.9-0.1, 39:43N:76:83E, mb2.9
NINC 06 10:30:53.2-3.9, 39:73N:77:00E, h0km, mb3.5, mpv3.2,
Error ellipse: s-maj=29.9km s-min=-1.7km az=169.0

ISC 06 10:30:51.0-2.0, 39:33N:10:76:90E, h25km, n26,
+2519/47, 18C-8D, Southern Xinjiang

Main table for the first section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NRN Naryn, TARG Taragay, SFK Sufi-Kurgan, KDJ Kajisay, ULHL Ulahol, ARLS Aral, BOOM Booms koye usch, PRZ Przheval'sk, OHH Osh, TNSS Tian-Shan, IZV IZvestkoviy, TKM2 Tokmak 2, AAK Ala-Archa, MDOK Medeo, ZHN Zhinitshke, DGS Degeres, UZB Uzunbulak, KPKS Kokpek, KTBS Karatobe, PDGK Podgornoye, KRBS Karabastau, MNAS Manas, KTMS Ketmen, ARXS Arharly, DJR Jarkent, KK31 Karatay Array.

IDC 06 11:02:20.5, 1.6, 12:64S:167:80E, h0km, mb4.3/8,
mbmp4.3/8, M53.4-2, Error ellipse: s-maj=52.3km
s-min=25.8km az=130.0

NEIC 06 11:02:46.4, 1.3, 12:65S:0:1:167:3E:0:1, h197km, 9km,
mb4.4/37, Error ellipse: s-maj=21.1km s-min=-5.4km
az=135.0

ISC 06 11:02:45.8-0.9, 12:65S:0:1:167:2E:0:1, h200km, n55,
+1512/54, mb4.3/27, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HNR Honiara, KOUNC Koumang, TARAWA Tarawa, EIDS Eidsvoll, PATS Pohnpai, COEN Coen, WB0 Warramunga Arr, WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BBOO Buckleboe, MTN Manton Dam, KNRA Kununurra, FORT Forrest, FITZ Fitzroy Crossi, PSA00 Pilbara Seismi, MBWA Marble Bar, MORW Morawa, JHJ Hachijo jima 2, JGF Kuroka, JMN Monobe, MJAR Matsushiro Arr, MJBS Matsu-Tunnel, JNU Nakatsue, JKA Kamikawa-asahi, KRS Korea Array, USRK Ussuriysk Ar., CMAR Chiang Mai Arr, N15K Kwethluk River, M14K Bethel, M16K Timber Creek, K15K Wolf Creek Mtn, L18K Granite Mounta, J18K Inokko River, SONM Songoing Array, KAIM Kayak Island, SCM Sheep Creek Mo, RND Reindeer, IMAR Indian Mountai, TABL Table Mountain, CTGM Chitina Glacie, LOGN Logan Glacier, E19K Redstone River, CCB Clear Creek Bu, HDA Harding Lake, ILAR Eielson Array, MKAR Makanchi Array, ARCES ARCES Array B, FINES FINESS Array B, ESDC Sonseca Array.

KRNET 06 11:26:57.4+0.1, 40:43N:78:02E, h16km, mb2.5
NINC 06 11:26:59.4+2.4, 40:58N:78:13E, h0km, mb3.6, mpv3.2,
Error ellipse: s-maj=15.6km s-min=-1.2km az=14.0

SOME 06 11:26:59.0, 40:57N:78:07E, h5km

ISC 06 11:26:59.4-2.5, 40:44N:0:1:177:98E:0:06, h10km, n37,
+1256/77, 7C-9D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TARG Taragay, NRN Naryn, KDJ Kajisay, PRZ Przheval'sk, ULHL Ulahol, BOOM Booms koye usch, SATY Sathy, TNSS Tian-Shan, IZV IZvestkoviy, MDOK Medeo, WB0 Warramunga Arr, WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KOTS Kotrybulak, KNDC Alnmy, KST KasteK, KURS Kuram, KPKS Kokpek, PDGK Podgornoye, DGS Degeres, KTBS Karatobe, CHKK Chushuly, KRBS Karabastau, ARXS Arharly, DJR Jarkent, RAO Raoul Island, NIUE Niue, CTAO Charters Tower, RABL Rabaul, STKA Stephens Creek, COEN Coen, AS31 Alice Springs, ASAR Alice Springs, WRO Warramunga Arr, WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, WB0 Warramunga Arr, FORT Forrest, HONO Honuapo, MTN Manton Dam, KNRA Kununurra, FITZ Fitzroy Crossi, QSPA South Pole Quai, MAW Mawson, NB2 NORSAR Subarrat, NOA NORSAR Array B, HFS Hagfors, AKASE Main Array B.

IDC 06 11:30:58.6, 1.6, 25:47S:176:96W, h0km, mb4.2/5,
mbmp4.2/5, Error ellipse: s-maj=43.9km s-min=-33.1km
az=33.0

NEIC 06 11:31:22.0, 2.5, 25:9S:0:1:177:26W:0:08, h189km, 9km,
mb4.2/15, Error ellipse: s-maj=20.8km s-min=5.5km
az=151.0

ISC 06 11:31:22.9-0.7, 25:8S:0:1:177:3W:0:1, h200km, n28,
+0886/28, mb4.1/13, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RAO Raoul Island, NIUE Niue, CTAO Charters Tower, RABL Rabaul, STKA Stephens Creek, COEN Coen, AS31 Alice Springs, ASAR Alice Springs, WRO Warramunga Arr, WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, WB0 Warramunga Arr, FORT Forrest, HONO Honuapo, MTN Manton Dam, KNRA Kununurra, FITZ Fitzroy Crossi, QSPA South Pole Quai, MAW Mawson, NB2 NORSAR Subarrat, NOA NORSAR Array B, HFS Hagfors, AKASE Main Array B.

6d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SHLS Shalkode, SHLS 10nm,0.4s, SHLS Shalkode, SHLS 10nm,0.4s, etc.

FUNV 06 11:55:39.7, 8.41N, 71.43W, h5km, MW3.3
R5NC 06 11:55:41.0, 0.0, 9.1N, 2.7W, h1km, 3km, M2.8, ML3.0, ML3.2

ISC 06 11:55:38.9, 1.2, 8.45N, 0.04, 71.39W, 0.03, h8km, 10km, n18, c125/35, 1C-D, Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOCV Socops, SDV Santo Domingo, SDV Santo Domingo, CAPV Capacho, etc.

NEIC 06 12:06:56.1, 1.7, 18.0S, 0.1, 177.8W, 0.1, h54km, 8km, mb4.8/56, Error ellipse: s-maj=16.2km s-min=12.7km

NOU 06 12:06:56.4, 17.95S, 177.82W, h550km, mb4.8/34, Fiji Islands Region

ISC 06 12:06:57.0, 1.7, 9.35S, 178.01W, h546km, 15km, mb3.5/12, mbmtap.4/14, Error ellipse: s-maj=17.8km

ISC 06 12:06:56.4, 0.7, 17.96S, 0.07, 177.96W, 0.07, h546km, 7km, n156, c191/1165, mb4.8/50, 5C-2D, Fiji Islands region

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

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Main table with columns: RPZ, Iamb, Iamb, Time, Res. Includes stations like FOZ Fox Glacier, LBZ Lake Benmore, LBZ Lake Benmore, JCC Jackson Bay, etc.

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Table with columns: NVAR, BNX, BNX, K15K, BELA, BELA, K20K, J20K, MAW, LYN, LYN, LYN, ENH, ENH, TXAR, ILAR, ILAR, XAN, XAN, PDAR, HHC, HHC, ELIB, CMAR, PZH, PZH, TROLL, SNA, SNA, SNA, VNA3, VNA1, BRTR, MBAR, MMAI, GERS, TORD, TORD, TORD, IDC 06 12:23:12.2, 1.2, 58.33S, 25.52W, h0km, mb3.8/4, etc.

CATAC 06 12:33:51.9, 0.5, 13.03N, 89.02W, h30km, 4km, ML3.6
ISC 06 12:33:51.5, 1.6, 12.99N, 0.07, 89.04W, 0.04, h28km, 13km, n33, c043/55, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, etc.

Table with columns: ANMO, Albuquerque, 80.57 51 P, P, 14 55 57.7 +0.2, comp=Z, 1.3m, 0.6s, baz=303, slow=8.1, SNR=3.3

MOS 06 14:43:57.5, 1.3, 42.58N, 145.40E, h45km, mb4.5/5, Error ellipse: s-maj=12.1km s-min=7.3km az=78.7

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

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

Table with columns: H11N1, WAKE ISLAND Hy 29.16 135 T T, 15 21 06.6, baz=327, slow=75, SNR=148

NOU 06 14:48:48.6, 13.18S: 172.02W, h58km, mb5.0/9, Samoa Islands

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

Table with columns: PMG, Port Moresby, 39.49 274 LR LR, 15 20 53.5, baz=Z, 120m, 18.5s, baz=114, slow=33

6d 14h

O18K	Koktuk Hills	76.09	9	P	P	15 00 43.0	-0.1
M14K	Bethel	76.14	5	P	P	15 00 43.8	+0.4
N16K	Nishitai Lake	76.21	7	P	P	15 00 43.8	0.0
M15K	Kasigliuk River	76.21	6	P	P	15 00 43.9	+0.2
P19K	Oil Pt	76.22	10	P	P	15 00 43.8	0.0
X16A	Lo Mia Camp, P	76.32	48	Iamb	Iamb	15 01 05.9	
I07A	Izeze	76.36	36	Iamb	Iamb	15 01 04.9	
G06A	Carlson Farm,	76.43	35	Iamb	Iamb	15 00 47.6	
N17K	Nushagak Hills	76.46	8	P	P	15 00 44.9	-0.3
HOM	Home	76.50	11	P	P	15 00 45.2	-0.2
O19K	Port Alsworth	76.56	9	P	P	15 00 45.5	-0.2
KNB	Kanab	76.65	45	Iamb	Iamb	15 00 51.1	
L14K	Kuka Creek	76.66	5	P	P	15 00 47.1	+0.8
U15A	North Rim	76.72	46	Iamb	Iamb	15 00 50.7	
M16K	Timber Creek	76.72	7	P	P	15 00 47.4	+0.7
O20K	Slope Mountain	76.73	10	P	P	15 00 46.3	-0.5
N18K	Kilae Creek	76.78	8	P	P	15 00 46.5	-0.5
ELK	Elko	77.02	41	P	P	15 00 51.5	+2.4
K13K	Kusivak Mount	77.10	4	Iamb	Iamb	15 00 50.8	
K13K	Kusivak Mount	77.10	4	P	P	15 00 49.4	+0.7
L15K	Ungalak Mounta	77.10	6	P	P	15 00 49.4	+0.7
N19K	Bonanza Creek	77.12	9	Iamb	Iamb	15 00 49.2	
N19K	Bonanza Creek	77.12	9	P	P	15 00 48.6	-0.4
CBB	Campbell River	77.14	29	Iamb	Iamb	15 01 09.3	
M17K	Holitra River	77.27	8	Iamb	Iamb	15 00 51.8	
M17K	Holitra River	77.27	8	P	P	15 00 50.8	+1.1
SEW	Seward	77.33	12	P	P	15 00 50.1	0.0
L16K	Owhat River	77.33	6	Iamb	Iamb	15 00 52.2	
L16K	Owhat River	77.33	6	P	P	15 00 51.2	+1.1
Q23K	Middleton Isla	77.37	13	P	P	15 00 50.4	+0.1
G08A	Pilot Rock	77.40	36	Iamb	Iamb	15 01 11.0	
BBB	Bella Bella	77.41	26	P	P	15 00 51.7	+1.0
M18K	Stony River	77.57	8	P	P	15 00 51.7	+0.3
CAPN	Captain Cook N	77.63	11	P	P	15 00 51.6	-0.1
P23K	Montague Isan	77.66	13	P	P	15 00 51.6	-0.3
K15K	Wolf Creek Mout	77.70	5	P	P	15 00 53.6	+1.5
MVU	Marysvalde	77.82	44	Iamb	Iamb	15 01 15.8	
N20K	Mount Spurr	77.85	10	P	P	15 00 52.5	-0.6
SPCR	Spurr Chakacha	77.85	10	P	P	15 00 53.2	+0.1
L17K	Donlin	77.88	7	P	P	15 00 54.6	+1.4
W18A	Petrified Fore	77.89	48	P	P	15 00 55.0	+1.0
CRAQ	Craig	77.90	22	P	P	15 00 53.4	+0.1
J14K	Nanvaranak Lak	77.99	4	P	P	15 00 53.3	-0.3
121A	Cookes Peak, D	78.14	51	Iamb	Iamb	15 01 16.4	
121A	Cookes Peak, D	78.14	51	P	P	15 00 56.9	+1.4
L18K	Granite Mounta	78.16	8	P	P	15 00 55.9	+1.2
M19K	Big River Logd	78.17	9	Iamb	Iamb	15 00 59.7	
M19K	Big River Logd	78.17	9	P	P	15 00 54.1	-0.7
RC01	Rabbit Creek A	78.19	11	Iamb	Iamb	15 00 56.0	
RC01	Rabbit Creek A	78.19	11	P	P	15 00 54.5	-0.4
PWL	Port Wells	78.25	12	Iamb	Iamb	15 00 56.1	
PWL	Port Wells	78.25	12	P	P	15 00 55.0	-0.2
KAIM	Kayak Island	78.26	14	P	P	15 00 55.9	+0.6
V35K	Ketchikan	78.23	23	P	P	15 00 56.3	+0.6
M20K	Styx River	78.34	9	P	P	15 00 55.2	-0.6
SUA	Susitna One	78.35	11	Iamb	Iamb	15 00 56.6	
SUA	Susitna One	78.35	11	P	P	15 00 55.6	-0.3
L19K	White Mountain	78.37	8	P	P	15 00 55.4	-0.5
SIT	Sitka	78.40	20	P	P	15 00 56.1	+0.1
U33K	Whale Pass	78.40	21	P	P	15 00 56.4	+0.3
K17K	Iditarod	78.45	7	P	P	15 00 56.0	-0.2
D08A	Wollman Farm,	78.49	34	Iamb	Iamb	15 00 59.1	
EYAK	Cordova Ski Ar	78.51	13	P	P	15 00 56.3	-0.3
GLI	Glacier Island	78.52	13	Iamb	Iamb	15 00 57.4	
GLI	Glacier Island	78.52	13	P	P	15 00 56.4	-0.3
RAGM	Ragged Mountai	78.61	14	Iamb	Iamb	15 00 58.6	
HMT	Hamilton	78.66	14	Iamb	Iamb	15 00 58.6	
GAB	Gambell	78.68	0	P	P	15 00 57.2	-0.3
SKT	Skwentna	78.70	10	Iamb	Iamb	15 00 57.8	
SKT	Skwentna	78.70	10	P	P	15 00 56.5	-1.2
KNK	Knik Glacier	78.73	12	Iamb	Iamb	15 00 58.9	
KNK	Knik Glacier	78.73	12	P	P	15 00 57.9	0.0
M22K	Willow	78.73	11	P	P	15 00 58.2	+0.4
J16K	Anvik River	78.76	6	P	P	15 00 59.3	+1.4
PMR	Palmer	78.77	11	Iamb	Iamb	15 00 59.0	
PMR	Palmer	78.77	11	P	P	15 00 57.9	-0.1
L20K	Farewell, AK	78.80	9	P	P	15 00 57.7	-0.5
S31K	Pelican	78.84	19	P	P	15 00 58.7	+0.2
WRAK	Wrangell Islan	78.91	22	P	P	15 00 59.6	+0.7
S32K	Killsnoo	78.97	20	P	P	15 00 59.3	+0.1
GHO	Glory Hole Cre	78.97	11	Iamb	Iamb	15 01 00.2	
J17K	VABM Dome	79.02	6	Iamb	Iamb	15 01 01.8	
J17K	VABM Dome	79.02	6	P	P	15 01 00.8	+1.4
B08A	Colville Reser	79.06	33	Iamb	Iamb	15 01 01.4	

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MESA	MESA	79.08	15	P	P	15 01 00.5	+0.4
WAX	Waxell Ridge	79.10	15	Iamb	Iamb	15 01 01.5	
SML	Sawmill	79.12	12	Iamb	Iamb	15 01 01.1	
SML	Sawmill	79.12	12	P	P	15 00 59.9	-0.2
BMRM	Bremner River	79.14	14	P	P	15 01 00.2	0.0
M23K	Glacier View	79.22	12	P	P	15 00 59.9	-0.7
SRU	San Rafael Swe	79.27	45	Iamb	Iamb	15 01 04.1	
CRQM	Cirque	79.30	14	Iamb	Iamb	15 01 02.5	
CRQE	Cirque	79.30	14	P	P	15 01 01.2	+0.1
CUT	Chulitna	79.31	10	P	P	15 01 00.8	-0.1
KLU	Klutina	79.32	13	P	P	15 01 01.1	-0.1
PNL	Peninsula	79.32	17	P	P	15 01 01.4	+0.3
SCM	Sheep Creek Mo	79.34	12	Iamb	Iamb	15 01 01.8	
SCM	Sheep Creek Mo	79.34	12	P	P	15 01 01.4	+0.1
I17K	Unalakleet	79.34	5	P	P	15 01 02.3	+1.2
J18K	Innoko River	79.36	7	P	P	15 01 02.1	+0.8
TGL	Tana Glacier	79.37	14	Iamb	Iamb	15 01 02.9	
PINM	Pinacole	79.45	16	P	P	15 01 02.3	+0.4
TABL	Table Mountain	79.52	15	Iamb	Iamb	15 01 03.7	
K20K	Telida	79.61	8	Iamb	Iamb	15 01 04.7	
K20K	Telida	79.61	8	P	P	15 01 03.2	+0.6
GRNC	Granite Creek	79.61	15	Iamb	Iamb	15 01 04.3	
VRDI	Verde Repeater	79.64	14	Iamb	Iamb	15 01 04.3	
N25K	Chitina, Valde	79.71	13	Iamb	Iamb	15 01 04.5	
N25K	Chitina, Valde	79.71	13	P	P	15 01 03.6	+0.3
GLB	Gilahina Butte	79.74	14	Iamb	Iamb	15 01 04.6	
P29M	Windy Craggy	79.75	17	Iamb	Iamb	15 01 05.4	
P29M	Windy Craggy	79.75	17	P	P	15 01 03.8	+0.2
M24K	Tolsona, Glenn	79.82	12	P	P	15 01 04.4	+0.5
MCARA	McCarthy VSAT	79.87	14	Iamb	Iamb	15 01 05.4	
MCARA	McCarthy VSAT	79.87	14	P	P	15 01 04.3	+0.3
LOGN	Logan Glacier	79.88	15	Iamb	Iamb	15 01 05.6	
CTG	Chitina Glacier	79.92	15	P	P	15 01 04.8	+0.3
CTGM	Chitina Glacie	79.92	15	Iamb	Iamb	15 01 05.8	
WAT6	Susitna Watana	79.94	11	P	P	15 01 04.7	+0.1
H16K	Ellit	79.95	5	P	P	15 01 05.2	+0.8
TXAR	Lajitas Array	80.00	56	P	P	15 01 06.8	+1.1
TXAR	Lajitas Array	80.00	56	P	P	15 01 07.5	+1.9
J19K	Poorman	80.01	8	Iamb	Iamb	15 01 06.9	
J19K	Poorman	80.01	8	P	P	15 01 05.7	+1.0
PLBC	Pleasant Camp	80.01	18	P	P	15 01 05.6	+0.7
WAT1	Susitna Watana	80.01	11	P	P	15 01 04.8	-0.1
O28M	Mount Upton	80.05	16	P	P	15 01 05.8	+0.4
O28M	Mount Kennedy	80.08	17	P	P	15 01 06.3	+0.9
T35M	Bob Glenn	80.09	22	P	P	15 01 06.6	+1.2
G15K	Niukluk	80.18	4	P	P	15 01 06.8	+1.2
ANMO	Albuquerque	80.20	50	P	P	15 01 08.3	+1.5
ANMO	Albuquerque	80.20	50	P	P	15 01 08.5	+1.8
ANMO	Albuquerque	80.20	50	P	P	15 01 25.5	+2.9
HARP	HAARP	80.30	13	P	P	15 01 07.0	+0.6
SKAG	Skagway	80.33	18	P	P	15 01 08.0	+1.4
CHUM	Lake Minchumin	80.36	9	P	P	15 01 06.4	-0.2
J20K	Nowinta River	80.38	8	P	P	15 01 07.2	+0.4
P30M	Million Dollar	80.38	17	P	P	15 01 07.8	+0.9
H17K	Granite Mounta	80.45	6	Iamb	Iamb	15 01 08.8	
H17K	Granite Mounta	80.45	6	P	P	15 01 07.5	+0.4
DHY	Denali Highway	80.46	11	P	P	15 01 07.1	-0.3
NJ2	Nanjing	80.47	307	eP	pmax	15 01 06.8	-1.2
NJ2	Nanjing	80.47	307	P	pmax	15 01 08.3	+0.8
S34M	Telegraph Cre	80.48	21	P	P	15 01 08.3	+0.8
RND	Reindeer	80.49	11	Iamb	Iamb	15 01 09.2	
F14K	Arctic Creek	80.53	3	P	P	15 01 08.6	+1.1
TNA	Tin City	80.56	2	P	P	15 01 08.4	+0.8
GCSA	Galena City Sc	80.58	7	P	P	15 01 08.7	+0.9
YUK8	Steele Glacier	80.59	15	P	P	15 01 08.9	+0.6
YUK6	Outpost Mounta	80.67	16	P	P	15 01 09.1	+0.4
G16K	Koyuk River	80.69	4	P	P	15 01 09.3	+0.9
PAX	Faxson	80.74	12	P	P	15 01 08.4	-0.4
BPW	Bear Paw Mtn.	80.77	10	P	P	15 01 07.9	-1.0
M26K	Nabesna, AK	80.77	14	P	P	15 01 09.3	+0.4
MCK	McKinley	80.78	11	P	P	15 01 08.9	0.0
H18K	Honhosa River	80.81	6	Iamb	Iamb	15 01 10.5	
H18K	Honhosa River	80.81	6	P	P	15 01 09.6	+0.5
YUK3	Moose Creek	80.83	15	P	P	15 01 09.8	+0.3
F15K	North Star Dit	80.85	3	P	P	15 01 09.7	+0.4
Q32M	Nakina River	80.90	20	P	P	15 01 10.6	+0.7
I20K	Naaghedeneel	80.92	8	Iamb	Iamb	15 01 13.1	
I20K	Naaghedeneel	80.92	8	P	P	15 01 10.3	+0.7
P32M	Atlin	80.93	19	P	P	15 01 10.1	+0.2
YUK4	Talbot Arm	80.93	16	P	P	15 01 11.0	+0.9
G17K	Kiwalik Mounta	80.94	5	P	P	15 01 10.3	+0.6
M27K	Edge Creek, AK	80.99	14	P	P	15 01 10.9	+0.7
BNX	BinXian	81.09	322	P	pmax	15 01 10.6	-0.4
BNX	BinXian	81.09	322	P	pmax	15 01 10.6	-0.4
MSO	Missoula	81.14	36	Iamb	Iamb	15 01 12.8	

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O30N	Mendenhall	81.16	17	Iamb	Iamb	15 01 12.9	
O30N	Mendenhall	81.16	17	P	P	15 01 11.7	+0.6
S22A	4UR Ranch, Cre	81.18	47	P	P	15 01 13.8	+1.8
L26K	Log Cabin Wild	81.24	13	Iamb	Iamb	15 01 13.1	
L26K	Log Cabin Wild	81.24	13	P	P	15 01 12.1	+0.6
DLBC	De						

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Rows include stations like Dawson, Chaparral WMA, Faro, Yukon, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Rows include stations like Babbage River, Wrigley, WRLGY, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Rows include stations like GAMI, WBSI, KKM, etc.

NNC 06 14:57:48.9, 2.39, 13N: 72.46E, h0km, mb4.3, mpv4.1, Error ellipse: s-maj=70.9km s-min=46.1km az=170.0

KRNET 06 14:57:50.0, 0.1, 39.42N: 72.88E, h14km, mb3.7, IDC 06 14:57:51.2, 1.6, 39.36N: 73.05E, h0km, mb3.4/2, mbmp3.57, ML3.1/5, MS3.3/2, Error ellipse: s-maj=28.8km s-min=18.4km az=122.0

SOME 06 14:57:53.7, 39.65N: 72.80E, h0km, ISC 06 14:57:47.1, 1.5, 39.34N: 73.06E, 0.04, h1km, 10km, m59, e228/94, 32C-17D, Tajikistan-Xinjiang border

IDC 06 14:49:03.2, 1.5, 1.14S: 120.84E, h0km, mb3.8/4, mbmp3.9/5, ML4.0/1, MS3.2/1, Error ellipse: s-maj=69.1km s-min=23.9km az=69.0

DJA 06 14:49:06.4, 0.2, 1.2, S, 120.0E, h10km, M4.3/17, mb4.5/7, mB5.2/1, MLV4.2/17, Mw(MB)4.6/1, Mw(Mw)4.8/1, Mwps.1/1

ISC 06 14:49:06.1, 0.8, 1.34S: 0.06: 120.29E, 0.07, h10km, n25, e1949/26, mb3.9/4, Sulawesi

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Rows include stations like MPSI, TTSI, MRSI, etc.

6d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRLS Borolday, MTBS Maitube, TNSH Tian-Shan, etc.

JMA 06 15:05:41.3, 0.2, 24'2N, 0'7, 123'8E, 0.7, h19km, 1km, MV-0.26, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IRIF Iriomote-Funau, JKRK Kuro-Shima, etc.

TAP 06 15:06:35.1, 24'49N, 121'84E, h24km, MLO.9, C, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EWUT Wuta, ESAO Su ao, ENA Nanau, etc.

RSNC 06 15:12:30.2, 0.0, 7'N, 1'7, 3'W, h141km, 2km, M3.1, mb3.6, mb6.1, ML2.8, Mw(mb)5.8, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC Barichara, BRJC Barrancabermej, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPBC Zaragoza, ZARC Norcasia, CHIC Chingaza, etc.

IDC 06 15:19:33.7, 3.5, 6.56S, 148'08E, h124km, 37km, mb3.1/1, mbmt3.6/3, MS2.5/1, Error ellipse: s-maj=95.5km s-min=24.8km az=122.0, New Britain region

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

ISC 06 15:20:31.7, 1.2, 69'48N, 0'03, 144'21W, 0'02, h4km, 12km, n57, r192/62, Northern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like C27K Jago River, C27K Malcolm River, C24K Franklin Bluff, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like F21K Alatna River, I28M Miner Creek, E20K Nigu River, etc.

IDC 06 15:25:18.1, 2.1, 4.75S, 128'51E, h0km, mb3.7/1, mbmt3.6/3, ML3.6/2, Error ellipse: s-maj=136.6km s-min=29.6km az=67.0, Banda Sea

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

IDC 06 15:39:51.3, 2.4, 28'61S, 177'17W, h57km, 17km, mb3.5/3, mbmt3.8/3, Error ellipse: s-maj=36.2km s-min=29.6km az=44.0

NEIC 06 15:39:56.0, 1.5, 29'2S, 0'1, 177'9W, 0'2, h82km, 4km, mb4, 4/8, Error ellipse: s-maj=30.0km s-min=18.8km az=113.0

ISC 06 15:39:55.0, 1.0, 8.29S, 0'1, 178'2W, 0'2, h71km, 9km, n35, r192/62, Kermadec Islands

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

NIED 06 15:46:09.8, 42'60N, 141'95E, h37km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, Mw=1.51, Mw=0.62, Mw=0.89, Mw=1.09, Mw=2.99, Mw=0.96, Fault plane solution: M=3.56000x10^14 NP1=98.00000, 865.00000, 1.29.00000, NP2=355.00000, 864.00000, 152.00000, JMA 06 15:49:09.0, 1.4, 2'6N, 0'5, 142'0E, 0'5, h36km, 1km

Table with columns for station call letters, frequency, and signal strength. Includes stations like JAGI, JAGJ, JAGY, JAMZ, JAZZ, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like ASAJ, ASAJ, ASAJ, ASAJ, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like UGL, UGL, UGL, UGL, etc.

6d 15h

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CVS, PACP, GRNR, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ISA, CCAC, ORV, AFDM, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like P19K, GLA, M16K, etc.

OKC	Ostrava-Krasne	145.30 338	ePKPDF	PKPbf	16 07 43.0 +0.4	JAVC			16 10 26.6	GORD	Gordes-Manisa	147.77 315	eP	PKPbf	16 07 48.3 +1.2	
OKC	Ostrava-Krasne	145.30 338	eSKP		16 10 22.7	H07N1	FNOR T-PHASB	46.31 45	PKPbc	PKPab	Houvegnz	147.79 352	dPKIKP	PKPbf	16 07 50.7 0.0	
OKC	Ostrava-Krasne	145.30 338	ePKIKP	PKPbf	16 07 43.0 +0.4	MPEP	Malo Peshtene	147.80 326	P	PKPbf	Malv	147.80 326	P	PKPbf	16 07 46.6 -0.4	
KONT	Konya-Tatoy	145.31 311	eP	PKPbf	16 07 42.4 -0.6	GEMT	Gemlik	146.31 317	eP	PKPbf	BCLA	Clavier	147.82 353	dPKPDF	PKPbf	16 07 46.0 -0.8
OSTC	Ostas	145.31 341	ePKPDF	PKPbf	16 07 43.1 +0.5	GOPC	GO Pecny, Ondr	146.31 342	ePKPDF	PKPbf	BCLA	Clavier	147.82 353	dPKPDF	PKPbf	16 07 46.0 -0.8
OSTC	Ostas	145.31 341	eSKP		16 10 22.5	GOPC	GO Pecny, Ondr	146.31 342	ePKPDF	PKPbf	BCLA	Clavier	147.82 353	dPKPDF	PKPbf	16 07 46.0 -0.8
OSTC	Ostas	145.31 341	ePKIKP	PKPbf	16 07 43.1 +0.5	GOPC	GO Pecny, Ondr	146.31 342	ePKPDF	PKPbf	BCLA	Clavier	147.82 353	dPKPDF	PKPbf	16 07 46.0 -0.8
CHVC	Chvalec	145.34 341	ePKPDF	PKPbf	16 07 43.1 +0.4	PRU	Pruhonice	146.32 342	ePKPDF	PKPbf	ERIK	Erikli-Kesan	147.88 319	eP	PKPbf	16 07 47.8 +0.7
CHVC	Chvalec	145.34 341	ePKIKP	PKPbf	16 07 43.1 +0.4	PRU	Pruhonice	146.32 342	ePKPDF	PKPbf	ERIK	Erikli-Kesan	147.88 319	eP	PKPbf	16 07 47.8 +0.7
LEHL	Lehlu	145.39 324	iP	PKPbc	16 07 44.2 -0.3	PRU	Pruhonice	146.32 342	ePKPDF	PKPbf	ERIK	Erikli-Kesan	147.88 319	eP	PKPbf	16 07 47.8 +0.7
LANS	Liptovska Anna	145.39 337	ePKP2	PKPbc	16 07 45.1 +0.7	PRU	Pruhonice	146.32 342	ePKPDF	PKPbf	ERIK	Erikli-Kesan	147.88 319	eP	PKPbf	16 07 47.8 +0.7
LANS	Liptovska Anna	145.39 337	ePKP	PKPbc	16 10 22.8	PRU	Pruhonice	146.32 342	ePKPDF	PKPbf	ERIK	Erikli-Kesan	147.88 319	eP	PKPbf	16 07 47.8 +0.7
LANS	Liptovska Anna	145.39 337	ePKP	PKPbc	16 18 19.9	PRU	Pruhonice	146.32 342	ePKPDF	PKPbf	ERIK	Erikli-Kesan	147.88 319	eP	PKPbf	16 07 47.8 +0.7
LANS	Liptovska Anna	145.39 337	ePKP	PKPbc	16 21 20.2	PRU	Pruhonice	146.32 342	ePKPDF	PKPbf	ERIK	Erikli-Kesan	147.88 319	eP	PKPbf	16 07 47.8 +0.7
SAUV	Serdvian-Sakar	145.41 316	eP	PKPbc	16 07 43.9 -0.8	CTYL	Yalikoy Yolu	146.32 319	ePKPDF	PKPbf	SHUT	Suhut-Afyon	146.32 319	eP	PKPbf	16 07 42.5 -2.3
UPC	Upice	145.42 341	ePKPDF	PKPbf	16 07 42.9 +0.1	SHUT	Suhut-Afyon	146.32 319	eP	PKPbf	SMOL	Smolenice	146.67 338	ePKP2	PKPbf	16 07 44.4 -0.2
UPC	Upice	145.42 341	eSKP		16 10 23.2	SMOL	Smolenice	146.67 338	ePKP2	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -1.1
UPC	Upice	145.42 341	ePKIKP	PKPbf	16 07 42.9 +0.1	HUMR	Humle	146.35 326	iP	PKPbc	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -1.1
GULC	Gulverin	145.44 316	eP	PKPbc	16 07 44.6 -0.3	H07S1	FLORES T-PHASB	46.40 45	ePKPDF	PKPbf	H07S1	FLORES T-PHASB	46.40 45	ePKPDF	PKPbf	16 07 45.5 +0.7
TEKE	Tekeli-Mersin	145.46 307	eP	PKPbf	16 07 43.9 +0.6	H07S1	FLORES T-PHASB	46.40 45	ePKPDF	PKPbf	DEV	Deva	146.45 330	iP	PKPbf	16 07 45.8 +1.2
DPK	Dobruska-Polom	145.46 341	ePKPDF	PKPbf	16 07 43.3 +0.4	DEV	Deva	146.45 330	iP	PKPbf	ELMS	Elmest, Ipswi	146.47 358	eP	PKPbf	16 07 43.6 -0.8
DPK	Dobruska-Polom	145.46 341	ePKPDF	PKPbf	16 07 43.3 +0.4	ELMS	Elmest, Ipswi	146.47 358	eP	PKPbf	COPA	Copaceana	146.49 325	iP	PKPbc	16 07 48.2 +0.7
DPK	Dobruska-Polom	145.46 341	ePKPDF	PKPbf	16 07 43.3 +0.4	COPA	Copaceana	146.49 325	iP	PKPbc	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
DPK	Dobruska-Polom	145.46 341	ePKPDF	PKPbf	16 07 43.3 +0.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
STNC	Stoke	145.48 2	eP	PKPbf	16 07 42.6 -0.2	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
MESR	Mesenesi	145.50 331	iP	PKPbc	16 07 45.4 +0.7	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 07 45.7 +0.9	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 10 23.5	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 18 19.9	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 21 20.2	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 28 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 29 27.7	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 30 43.1	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 31 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 32 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 34 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 35 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 37 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 38 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 40 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 41 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 43 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 44 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 46 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 47 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 49 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 50 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 52 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 53 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 55 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 56 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 58 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	16 59 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 01 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 02 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 04 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 05 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 07 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 08 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 10 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 11 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 13 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 14 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 16 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 17 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 19 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 20 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 22 17.0	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 23 43.4	MOX	Moxa	146.49 346	ePKPDF	PKPbf	MOX	Moxa	146.49 346	ePKPDF	PKPbf	16 07 46.4 -0.9
CBBR	Cluj-Babes-Bol	145.50 330	iP	PKPbc	17 25 17.0											

6d 15h

Table with columns for station name, frequency, and other identifiers. Includes stations like MYKA, WTTA, UBR, BLS, etc.

2018 SEP

Table with columns for station name, frequency, and other identifiers. Includes stations like SCTE, SSB, NOCI, etc.

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Table with columns for station name, frequency, and other identifiers. Includes stations like 7um.0.7s, PZNC, DZM, etc.

Technical information including coordinates (15:56:41.0, 0.7; 18:35:179.33E), station name (Fiji Islands), and other details.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FUNA Funafuti, PINNC Pines Island, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAF Jabal al Astar, MMAL Mount Meron Arr, UPC Uptice, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PINNC Pines Island, DZM Mont Dzumac, OUNTC Ouen Toro, etc.

BGR 06:16:09:23.0, 18:62S, 178:58W, h183km, 3km
NEIC 06:16:10:12.3, 1.7, 18:55S, 0.1:179:7W, 0.1, h646km, 7km, mb5.0/88, Error ellipse: s-maj=16.4km s-min=14.2km az=133.0
IDC 06:16:10:12.1, 1.2, 18:48S, 179:59W, h653km, 14km, mb4.2/13, mbtmps, 2/15, Error ellipse: s-maj=15.7km s-min=14.4km az=93.0
ISC 06:16:10:11.9, 0.3, 18:45S, 0:06:179:64W, 0:07, h650km, n264, 0:083/243, mb5.0/58, 35C-28D, Fiji Islands region

6d 16h

2018 SEP

Table of astronomical observations for 6d 16h, listing objects like ADK, ADK, ADK, etc., with columns for RA, Dec, Mag, and other parameters.

Table of astronomical observations for 2018 SEP, listing objects like L16K, L16K, L16K, etc., with columns for RA, Dec, Mag, and other parameters.

Table of astronomical observations for 374, listing objects like CLL, IBBN, IBBN, etc., with columns for RA, Dec, Mag, and other parameters.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like HFS Hagfors, AKASG Malin Array Be, EKA Eskdalemar Arr, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like FETA Feichten, DAVOX Davos/Dischmat, PUK Puka, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like YOTC San Jose del G, GUVG GUVG, SMRC Santa Marta, etc.

6d 16h

Table with columns for station call letters, frequency, and other identifiers. Includes stations like FUNA, RAO, RAOI, etc.

2018 SEP

Table with columns for station call letters, frequency, and other identifiers. Includes stations like QLP, AUSS, GLAD, etc.

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Table with columns for station call letters, frequency, and other identifiers. Includes stations like MORW, MTKN, SBA, etc.

378

Table with columns for station call letters, frequency, and other identifiers. Includes stations like MORW, MTKN, SBA, etc.

UGL	Uglegorsk	75.01 335	eP	P	16 42 11.8 +1.2
UGL	comp=Z,130nm,0.8s				
S1K1	Black Hills	75.02 10	P	P	16 42 09.6 -1.1
PMBK	Palmbang	75.32 272	P	P	16 42 14.1 +0.9
SPIA	Saint Paul Isl	75.41 5	P	P	16 42 12.3 -0.4
SPIA	Saint Paul Isl	75.41 5	P	P	16 42 12.4 -0.3
PSTR	Posyet	75.67 325	flP	P	16 42 15.8 +1.3
S14K	Fog Glacier	76.03 11	P	P	16 42 17.8 -0.4
USRK	Ussuriysk Ar.	76.08 326	P	P	16 42 17.8 +1.1
USAR	comp=Z,18nm,0.6s,baz=145,slow=2.8,SNR=68				
USA0B	Ussuriysk Arra	76.08 326	P	I	16 42 18.0 +1.3
USA0B	comp=Z,18nm,0.6s				
USA0B	Ussuriysk Arra	76.08 326	P	P	16 42 18.0 +1.3
USA0B	comp=Z,162nm,1.8s				
HKPS	Hong Kong Po S	76.11 299	I	I	16 42 19.6
HKPS	comp=Z,103nm,1.1s				
CHGN	Hong Kong Po S	76.11 299	P	P	16 42 18.6 +1.2
CHGN	Chignik	76.26 12	P	P	16 42 17.1 -0.2
CHIR	Chirikof Islan	76.41 14	P	P	16 42 18.0 -0.2
CHIR	Chirikof Islan	76.41 14	P	P	16 42 18.2 0.0
DLV	T Lat	76.86 287	P	P	16 42 21.2 -0.6
FARB	Farallon Islan	76.94 43	I	I	16 42 23.9
NJ2	Nanjing	77.10 310	flP	P	16 42 23.7 +1.2
NJ2	comp=Z,35nm,1.1s				
RAMR	Ramage Ranch	77.20 46	I	I	16 42 25.7
SCZ	Santa Cruz	77.37 45	I	I	16 42 26.9
SCZ	comp=Z,172nm,0.7s				
SII	Sitkinak Islan	77.41 14	P	P	16 42 23.6 0.0
SII	Sitkinak Islan	77.41 14	P	P	16 42 23.9 +0.3
PMPB	Monarch Peak	77.56 45	P	P	16 42 26.7 +1.7
PMPB	comp=Z,106nm,0.7s				
BBGB	Big Mountain B	77.60 45	P	I	16 42 25.8 +0.5
BBGB	comp=Z,89nm,0.7s				
BTDF	Bukit Timah Da	77.61 276	P	P	16 42 25.5 -0.2
R16K	Pilot Point	77.61 12	P	P	16 42 24.6 0.0
MDJ	Mudanjiang	77.63 326	P	P	16 42 25.7 +0.6
MDJ	comp=Z,65nm,1.2s				
MDJ	Mudanjiang	77.63 326	P	P	16 42 25.7 +0.6
HOPS	Hopland Field	77.65 42	I	I	16 42 26.5 +1.2
HOPS	comp=Z,348nm,1.9s				
CVS	Carmen Viney	77.67 43	I	I	16 42 27.6
PACP	Pacheco Peak	77.68 44	I	I	16 42 29.3
PACP	comp=Z,162nm,0.7s				
BCW	Bitter Crk WRg	77.82 47	I	I	16 42 30.2
KMPM	Mount Pierce	77.83 40	I	I	16 42 29.2
R17L	Mt. Peulit Vol	77.92 13	P	P	16 42 26.4 0.0
R17L	comp=Z,117nm,0.9s				
PLK4	Peulik 4	77.92 13	P	P	16 42 26.1 -0.4
MTOS	Mt Oso, Westle	77.93 44	I	I	16 42 29.5
MTOS	comp=Z,65nm,0.8s				
KMRM	Mali Ridge	77.97 40	I	I	16 42 30.0
KMRM	comp=Z,204nm,0.9s				
MNRR	McLaughlin Min	77.98 42	I	I	16 42 30.0
OHAK	Old Harbor	78.22 14	I	I	16 42 29.2
OHAK	comp=Z,93nm,0.9s				
OHAK	Old Harbor	78.22 14	P	P	16 42 28.0 +0.1
R18K	Karlu	78.27 14	P	P	16 42 28.4 +0.3
R18K	comp=Z,117nm,1.1s				
KRPM	Rodgers	78.33 40	I	I	16 42 31.4
KRPM	comp=Z,117nm,1.1s				
KHMM	Horse Mountain	78.34 40	P	P	16 42 30.5 +1.3
KHMM	comp=Z,117nm,1.1s				
QIZ	Qiongzong	78.39 294	P	P	16 42 29.9 +0.1
QIZ	comp=Z,25nm,1.7s				
CBX	Cerro Bola	78.43 50	I	I	16 42 32.7
O02D	Mt. Diablo Mer	78.52 41	I	I	16 42 34.0
O02D	comp=Z,96nm,0.7s				
O14K	Tiguykauivert M	78.55 10	P	P	16 42 29.3 -0.3
O14K	comp=Z,86nm,0.8s				
ELS	Elsinore Mount	78.55 49	I	I	16 42 33.1
O17K	Contant Creek	78.60 13	P	P	16 42 29.5 -0.5
O17K	comp=Z,272nm,2.0s				
SUTB	Sutter Butte	78.60 42	I	I	16 42 34.2
KRMB	Red Mountain	78.62 39	P	P	16 42 31.9 +1.3
O15K	Ungalikthiuk R	78.71 10	P	P	16 42 30.4 -0.1
KXSB	Camp Six Broad	78.82 39	I	I	16 42 34.9
O16K	King Salmon	78.83 12	P	P	16 42 30.9 -0.1
O16K	comp=Z,70nm,0.7s				
CMB	Columbia Colle	78.84 44	I	I	16 42 34.9
O16K	Bosley Butte	78.84 39	I	I	16 42 34.9
O16K	comp=Z,83nm,0.8s				
KDAB	Kodiak Islan	78.89 14	P	P	16 42 31.6 +0.2
KDAB	comp=Z,93nm,1.9s				
KDAB	Kodiak Islan	78.89 14	P	P	16 42 31.8 +0.3
KDAB	comp=Z,86nm,0.7s				
KDAB	Kodiak Islan	78.89 14	flP	P	16 42 32.2 +0.8
KDAB	comp=Z,87nm,0.6s				
P16K	Nushagak River	78.90 11	P	P	16 42 31.4 0.0
P16K	comp=Z,201,SNR=11				
ACFM	Calif City Air	78.91 47	I	I	16 42 35.0
ACFM	comp=Z,340nm,1.9s				
ADFD	Forest Hills D	78.97 43	I	I	16 42 35.1
M11K	Mekoryuk	78.97 7	P	P	16 42 32.2 +0.4
M11K	comp=Z,69nm,0.7s				
RMX	La Rumorosa	79.00 50	I	I	16 42 36.0
N14K	Kuskokwak Cree	79.12 9	P	P	16 42 33.0 +0.4
N14K	comp=Z,77nm,0.7s				
Q18K	Katmai Hardscr	79.13 14	P	P	16 42 32.6 -0.3
Q18K	comp=Z,198,SNR=13				
KCC	Kaiser Creek	79.17 45	I	I	16 42 36.1
KCC	comp=Z,123nm,0.7s				
M02C	Callahan	79.18 40	I	I	16 42 37.4
PFO	Pinyon Flats O	79.23 49	flP	P	16 42 34.8 +0.9
PFO	comp=Z,77nm,0.7s				
PFO	Pinyon Flats O	79.23 49	flP	P	16 42 34.9 +0.9
PFO	comp=Z,98nm,1.8s				
TPFO	Pinon Flats	79.23 49	P	P	16 42 34.6 +0.6
P17K	Kvichak River	79.35 12	P	P	16 42 33.2 -0.5
P17K	comp=Z,240,SNR=13				
M13K	Dall Lake	79.36 8	I	I	16 42 36.1
M13K	comp=Z,100nm,0.7s				
O16K	Dall Lake	79.36 8	P	P	16 42 34.6 +0.8
O16K	comp=Z,193,SNR=18				
O16K	Kokwok River B	79.41 11	I	I	16 42 34.7
O16K	comp=Z,86nm,0.7s				
O16K	Kokwok River B	79.41 11	P	P	16 42 33.1 -0.9
O16K	comp=Z,201,SNR=56				
CN2	Changchun	79.42 323	eP	P	16 42 34.6 +0.1
CN2	comp=Z,20nm,1.1s				
YBH	Yreka Blue Hor	79.47 40	I	I	16 42 38.2
YBH	comp=Z,73nm,0.7s				
LDRM	Redding Peak	79.51 41	I	I	16 42 42.5
BNX	BinXian	79.54 325	flP	P	16 42 35.7 +0.6
BNX	comp=Z,49nm,0.7s				
EMB	Emerald Bay	79.55 43	I	I	16 42 38.3
EMB	comp=Z,267nm,1.7s				
J01E	Myrtle Point	79.59 38	I	I	16 42 38.9

N15K	Kwethluk River	79.61 10	P	I	16 42 34.9 -0.3
N15K	comp=Z,83nm,0.7s				
N15K	Kwethluk River	79.61 10	P	I	16 42 37.7
N15K	comp=Z,167nm,0.8s				
N15K	Kwethluk River	79.61 10	P	P	16 42 35.5 +0.4
N15K	comp=Z,199,SNR=52				
KLR	Kul'dur	79.65 330	P	P	16 42 36.3 +0.7
KLR	comp=Z,9.2nm,0.8s,baz=76,slow=4.3,SNR=14				
KLR	comp=Z,1.8nm,0.6s,baz=111,slow=3.2,SNR=4.1				
Q20K	Shuyak Island	79.68 14	P	P	16 42 35.7 +0.2
Q20K	comp=Z,206,SNR=9.8				
Q19K	Cape Douglas	79.69 13	I	I	16 42 36.6
Q19K	comp=Z,179nm,0.8s				
Q19K	Cape Douglas	79.69 13	P	P	16 42 35.5 -0.2
Q19K	comp=Z,205,SNR=12				
HATC	Hat Creek Rads	79.71 41	I	I	16 42 38.8
HATC	comp=Z,177nm,0.8s				
WHN	Wuhan	79.71 307	flP	P	16 42 36.8 +0.4
WHN	comp=Z,140nm,1.1s				
WAKR	Walker	79.72 44	I	I	16 42 38.6
WAKR	comp=Z,146nm,1.1s				
SLBS	Sierra La Laguna	79.75 61	P	I	16 42 37.8 +0.9
SLBS	comp=Z,111nm,0.8s				
O17K	Koliganek Bris	79.76 11	P	P	16 42 35.4 -0.5
O17K	comp=Z,202,SNR=47				
MPK	Martis Peak	79.77 43	I	I	16 42 39.3
MPK	comp=Z,160nm,0.7s				
P18K	Big Mountain	79.77 12	P	P	16 42 35.5 -0.6
P18K	comp=Z,204,SNR=91				
BKNI	Bangkitan	79.87 274	P	P	16 42 37.5 -0.1
M14K	Bethel	79.88 9	P	P	16 42 36.8 +0.3
PNTR	Pine Nut	79.94 43	I	I	16 42 40.1
PNTR	comp=Z,147nm,0.8s				
L04D	Klamath Falls	80.00 39	I	I	16 42 40.7
L04D	comp=Z,120nm,0.6s				
M15K	Kasigluk River	80.01 9	P	P	16 42 37.4 +0.2
M15K	comp=Z,198,SNR=68				
DSP	Deep Springs	80.10 45	I	I	16 42 40.9
DSP	comp=Z,58nm,0.6s				
YERR	Yerlington	80.11 44	I	I	16 42 41.4
YERR	comp=Z,121nm,0.6s				
N16K	Nishlik Lake	80.12 10	P	P	16 42 38.2 +0.3
N16K	comp=Z,200,SNR=17				
GLA	Glamis	80.14 51	P	P	16 42 38.5 -0.2
GLA	comp=Z,50nm,0.8s				
GLA	Glamis	80.14 51	P	P	16 42 38.5 -0.2
GLA	comp=Z,50nm,0.8s				
O18K	Koktuh Hills	80.20 12	P	P	16 42 38.1 -0.2
O18K	comp=Z,204,SNR=77				
LHV	Little Hutton	80.21 44	I	I	16 42 42.6
LHV	comp=Z,104nm,0.8s				
GRAC	Grapevine Rang	80.31 46	I	I	16 42 41.6
GRAC	comp=Z,120nm,1.1s				
L14K	Kuka Creek	80.34 8	P	P	16 42 39.2 +0.3
L14K	comp=Z,193,SNR=26				
PAHR	Pah Rah Range	80.41 43	I	I	16 42 41.8
PAHR	comp=Z,100nm,1.1s				
NVAR	Mina Array Bea	80.44 44	P	P	16 42 40.9 +0.7
NVAR	comp=Z,144,slow=8.0,SNR=158				
NVAR	Mina Array Bea	80.44 44	P	P	16 42 41.2 +0.9
NVAR	comp=Z,69nm,0.7s,baz=228,slow=4.3,SNR=7.4				
NVAR	comp=Z,0.8nm,0.6s,baz=56,slow=4.3,SNR=2.5				
NVAR	comp=Z,0.7nm,0.7s,baz=61,slow=4.2,SNR=2.5				
P19K	Oil Pt	80.44 13	P	P	16 42 38.8 -0.7
P19K	comp=Z,172nm,0.7s				
P19K	Oil Pt	80.44 13	P	P	16 42 43.0
P19K	comp=Z,206,SNR=23				
N17K	Nushagak Hills	80.44 11	P	P	16 42 39.5 0.0
N17K	comp=Z,202,SNR=33				
NV11	Mina Array Mt	80.53 44	I	I	16 42 42.4
NV11	comp=Z,97nm,1.1s				
K04D	Chiloquin, OR	80.57 39	I	I	16 43 04.3
K04D	comp=Z,95nm,0.7s				
M16K	Tim Creek	80.60 10	P	P	16 42 41.4 +1.1
M16K	comp=Z,200,SNR=75				
K13K	Kusivak Mount	80.66 7	P	P	16 42 39.7 -0.8
K13K	comp=Z,194,SNR=11				
M16K	Montezuma Peak	80.67 45	P	P	16 42 41.2 -0.4
M16K	comp=Z,194,SNR=11				
O19K	Port Alsworth	80.70 13	P	P	16 42 40.5 -0.3
O19K	comp=Z,204,SNR=107				
WCT	Wildcat Mount	80.72 46	I	I	16 42 44.3
WCT	comp=Z,167nm,1.7s				
ILSW	Iliamna Southw	80.75 13	P	P	16 42 40.7 -0.6
ILSW	comp=Z,82nm,0.6s				
BUCK	Buck Mountain	80.75 38	I	I	16 42 44.0
BUCK	comp=Z,83nm,0.8s				
CNPM	China Poot	80.77 14	I	I	16 42 44.0
CNPM	comp=Z,89nm,0.6s				
113A	Hawk Valley,	80.79 51	P	P	16 4

6d 16h

MAW	baz=224,SNR=15	83.25	200	P	P	16 42 53.7	+0.1
Mawson	comp=Z,49nm,0.6s,ba=123,slow=6.7,SNR=68						
Hamilton	comp=Z,49nm,0.6s						
HMT		83.26	17	P	P	16 42 53.2	-0.5
HMT				Iamb	Iamb		
J18K	comp=Z,98nm,0.6s	83.27	10	P	P	16 42 54.2	+0.6
Innoko River	baz=202,SNR=36						
BGLC	Bering Glacier	83.35	17	P	P	16 42 54.8	+0.7
BGLC	baz=215						
CCUT	Cedar City	83.36	47	Iamb	Iamb	16 42 58.2	
SPR3	Spring Creek 3	83.39	45	P	P	16 42 54.1	-1.2
SML	Sawmill	83.47	14	P	P	16 42 54.0	-0.8
SML	Sawmill	83.47	14	P	P	16 42 54.3	-0.5
PSUT	Pine Spring	83.49	46	Iamb	Iamb	16 42 58.3	
PSUT	comp=Z,56nm,0.7s						
SNH	Sunshine Point	83.53	18	P	P	16 42 55.2	+0.2
SIT	Sitka	83.53	23	P	P	16 42 56.3	+1.2
SIT	Sitka	83.53	23	P	P	16 42 56.1	+1.1
CUT	Chulitna	83.55	13	P	P	16 42 54.0	-1.0
CUT	Chulitna	83.55	13	P	P	16 42 54.9	-0.2
H16K	Eliim	83.57	7	P	P	16 42 54.8	-0.3
SZCU	Shurtz Canyon	83.57	47	Iamb	Iamb	16 42 59.1	
SZCU	comp=Z,285nm,2.0s						
U15A	North Rim	83.58	49	Iamb	Iamb	16 42 60.0	
M23K	Glacier	83.60	15	P	P	16 42 55.2	-0.1
M23K	baz=210,SNR=26						
K20K	Telida	83.64	11	P	P	16 42 54.9	-0.6
K20K	comp=Z,94nm,1.1s						
K20K	Telida	83.64	11	P	P	16 42 55.6	+0.1
U33K	Whale Pass	83.67	24	P	P	16 42 56.1	+0.3
U33K	comp=Z,96nm,0.7s						
U33K	Whale Pass	83.67	24	P	P	16 42 56.8	+1.0
SEY	Seymchan	83.69	348	dI/P	pmax	16 42 56.2	+0.5
SEY	comp=Z,134nm,0.6s						
BMRM	Bremner River	83.69	16	P	P	16 42 55.9	+0.1
BMRM	baz=213,SNR=62						
G15K	Niukluk	83.70	7	P	P	16 42 56.0	+0.2
G15K	baz=195,SNR=6.2						
V35K	Ketchikan	83.72	25	P	P	16 42 55.8	-0.2
V35K	comp=Z,77nm,0.8s						
V35K	Ketchikan	83.72	25	P	P	16 42 56.9	+0.9
V35K	baz=225,SNR=34						
SCM	Sheep Creek Mo	83.73	15	P	P	16 42 56.1	0.0
SCM	Sheep Creek Mo	83.73	15	P	P	16 42 56.5	+0.4
SCM	Sheep Creek Mo	83.73	15	P	P	16 42 56.1	0.0
SCM	comp=Z,290nm,0.6s						
G08A	Pilot Rock	83.73	38	Iamb	Iamb	16 42 59.2	
G08A	comp=Z,48nm,0.7s						
MESA	MESA	83.78	18	P	P	16 42 57.5	+0.9
MESA	baz=176,SNR=48						
KLU	Klutina	83.79	16	Iamb	Iamb	16 42 59.0	
KLU	comp=Z,68nm,0.7s						
KLU	Klutina	83.79	16	P	P	16 42 56.6	+0.2
KLU	baz=212,SNR=44						
LTY	Liberty	83.86	36	Iamb	Iamb	16 42 59.3	
LTY	comp=Z,58nm,0.8s						
SRIT	Nakonsritamar	83.88	281	Iamb	Iamb	16 43 00.5	
SRIT	comp=Z,99nm,0.9s						
S31K	Pelican	83.88	281	P	P	16 42 58.1	+0.3
S31K	Pelican	83.89	22	P	P	16 42 57.1	+0.4
S31K	comp=Z,72nm,0.8s						
S31K	Pelican	83.89	22	P	P	16 42 57.5	+0.7
S31K	baz=221,SNR=23						
TNA	Tin City	83.89	5	P	P	16 42 57.5	+0.9
TNA	baz=191,SNR=6.3						
CRQM	Cirque	83.92	17	Iamb	Iamb	16 42 58.3	
CRQM	comp=Z,110nm,0.8s						
E07A	Sunnyside	83.92	37	Iamb	Iamb	16 43 00.1	
E07A	comp=Z,86nm,0.7s						
CRQE	Cirque	83.93	17	P	P	16 42 57.2	+0.1
CRQE	baz=215,SNR=36						
F14K	Arctic Creek	83.94	6	P	P	16 42 57.1	+0.1
F14K	baz=193						
J19K	Poorman	83.94	10	P	P	16 42 57.1	+0.2
J19K	baz=203,SNR=20						
TGL	Tana Glacier	84.00	17	Iamb	Iamb	16 42 59.9	-0.6
TGL	comp=Z,94nm,0.8s						
HAWA	Hanford	84.01	37	Iamb	Iamb	16 42 60.0	
HAWA	comp=Z,91nm,0.8s						
ISLE	Juniper Island	84.02	18	Iamb	Iamb	16 42 58.7	
ISLE	comp=Z,109nm,0.9s						
SURA	Surathani	84.04	282	P	P	16 42 59.5	+0.9
GVA	Guiyang	84.05	300	pP	pP	16 42 59.1	+0.6
GVA	comp=Z,109nm,0.9s						
GVA	comp=Z,39nm,1.2s						
S32K	Killisnoo	84.11	23	P	P	16 42 57.8	-0.1
S32K	Killisnoo	84.11	23	P	P	16 42 58.7	+0.8
S32K	baz=223,SNR=13						
PNL	Peninsula	84.15	19	P	P	16 42 58.0	-0.1
PNL	Peninsula	84.15	19	P	P	16 42 58.6	+0.5
H17K	Granite Mount	84.16	8	Iamb	Iamb	16 42 58.4	+0.3
H17K	baz=193,SNR=13						
WRAK	Wrangell Island	84.20	24	P	P	16 43 00.4	
WRAK	comp=Z,81nm,0.8s						
WRAK	Wrangell Island	84.20	24	P	P	16 42 59.2	+0.8
WRAK	baz=223,SNR=11						
VRDI	Verde Repeater	84.22	17	Iamb	Iamb	16 42 59.7	
VRDI	comp=Z,81nm,0.8s						
PINM	Pinnacle	84.23	19	P	P	16 42 59.1	+0.5
PINM	baz=217,SNR=20						
N25K	Chitina, Vase	84.23	16	P	P	16 42 59.0	+0.5
N25K	baz=213,SNR=116						
M24K	Tolsona, Glenn	84.25	15	P	P	16 42 59.4	+0.8
M24K	baz=212,SNR=44						
WAT6	Susitna Watana	84.28	14	P	P	16 42 59.0	+0.2
WAT6	baz=210,SNR=38						
G16K	Koyuk River	84.28	7	P	P	16 42 59.2	+0.7
G16K	baz=197,SNR=14						
GRNC	Granite Creek	84.29	18	Iamb	Iamb	16 43 00.2	
GRNC	comp=Z,78nm,0.8s						
GLB	Gilahina Butte	84.30	16	Iamb	Iamb	16 43 00.6	
GLB	comp=Z,122nm,0.7s						
WAT1	Susitna Watana	84.31	14	P	P	16 42 58.6	-0.2
WAT1	baz=212,SNR=11						
F15K	North Star Dit	84.33	6	P	P	16 42 57.8	-1.0
F15K	North Star Dit	84.33	6	P	P	16 42 59.2	+0.3
E08A	Dider Farm, E1	84.34	37	P	P	16 42 59.8	+0.5
E08A	baz=194,SNR=8.6						
J20K	Nowinta River	84.37	11	P	P	16 42 59.4	+0.4
J20K	comp=Z,76nm,0.7s						
MTPU	Mount Pierson	84.41	47	Iamb	Iamb	16 43 03.9	
MTPU	baz=204,SNR=70						
SLVN	Son La	84.42	294	P	P	16 43 01.3	+0.9
GCSA	Galena City Sc	84.43	10	P	P	16 42 59.7	+0.4
GCSA	baz=202,SNR=11						
CHUM	Lake Minchuminn	84.45	12	P	P	16 42 58.9	-0.5
CHUM	baz=206						
MCARA	McCarthy VSAT	84.47	17	Iamb	Iamb	16 43 00.9	
MCARA	comp=Z,79nm,1.0s						
MCARA	McCarthy VSAT	84.47	17	P	P	16 43 00.1	+0.5
MCARA	baz=215,SNR=24						
TIY	Taiyuan	84.47	312	eP	pmax	16 43 01.2	+0.9
TIY	comp=Z,75nm,0.5s						
LOGN	Logan Glacier	84.58	18	Iamb	Iamb	16 43 01.6	
LOGN	comp=Z,72nm,0.8s						
H18K	Honhosa River	84.59	9	P	P	16 42 59.3	-0.8
H18K	Honhosa River	84.59	9	P	P	16 43 00.2	+0.1
G17K	Kiwalik Mount	84.60	8	P	P	16 43 00.9	+0.8
G17K	baz=200,SNR=8.1						
CTGK	Chitna Glacier	84.60	18	P	P	16 43 00.8	+0.4
CTGK	baz=198,SNR=11						
CTGM	Chitna Glacier	84.60	18	P	P	16 43 00.0	-0.4
CTGM	baz=216,SNR=36						
CTGM	Chitna Glacier	84.60	18	P	P	16 43 00.0	-0.4

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MVU	comp=Z,80nm,0.7s	84.61	47	Iamb	Iamb	16 43 04.4	
Marysvalle	comp=Z,108nm,0.8s						
P29M	Windy Craggy	84.65	20	P	P	16 43 01.3	+0.7
P29M	baz=244,SNR=26						
R32K	Eaglecrest	84.73	22	P	P	16 43 02.0	+1.1
R32K	comp=Z,186nm,2.0s						
D08A	Wollman Farm	84.73	37	Iamb	Iamb	16 43 03.9	
D08A	comp=Z,95nm,0.7s						
HARP	HAARP	84.75	15	P	P	16 43 01.6	+0.6
HARP	baz=213,SNR=33						
Z2A	Zey	84.76	332	eP	P	16 43 02.7	+1.6
JIS	Juneau Island	84.78	22	P	P	16 43 01.3	+0.2
O28M	Mount Upton	84.78	18	P	P	16 43 01.8	+0.3
DHY	Denali Highway	84.79	14	P	P	16 43 00.4	-0.9
DHY	Denali Highway	84.79	14	P	P	16 43 01.2	-0.1
W18A	Petrified Fore	84.84	51	Iamb	Iamb	16 43 05.0	
W18A	comp=Z,167nm,1.3s						
W18A	Petrified Fore	84.84	51	P	P	16 43 03.4	+1.1
W18A	baz=244,SNR=38						
E09A	Wood Farm, Sta	84.88	38	P	P	16 43 01.5	-0.4
E09A	comp=Z,205nm,1.8s						
I20K	Naaghedenel	84.88	11	Iamb	Iamb	16 43 03.4	
I20K	comp=Z,50nm,0.7s						
I20K	Naaghedenel	84					

126K	Coal Creek Min	87.67	15	I	Amb	I	Amb	16 43 15.9
126K	Coal Creek Min	87.67	15	P				16 43 15.1 +0.5
EGAK	Eagle	87.73	16	I	Amb	I	Amb	16 43 16.7
EGAK	Eagle	87.73	16	P				16 43 15.1 +0.2
F22K	John River	87.74	10	P				16 43 15.4 +0.4
D19K	Kuna River	87.77	8	P				16 43 15.3 +0.2
CMAR	Chiang Mai Arr	87.77	290	P				16 43 17.1 +0.9
CMAR	comp=Z,2.5nm,0.9s,baz=107,slow=1.5,SNR=11							17 00 59.9 +1.0
CMAR	comp=Z,4.4nm,0.6s,baz=286,slow=4.2,SNR=19							17 09 06.3 -0.8
FXWY	Fox Creek	87.80	43	I	Amb	I	Amb	16 43 18.9
E20K	Nigu River	87.81	9	P				16 43 15.6 +0.2
COLD	Coldfoot	87.84	11	P				16 43 16.0 +0.6
H25L	Birch Creek	87.88	13	P				16 43 15.0 -0.5
SNOW	Snow King Moun	87.89	43	I	Amb	I	Amb	16 43 21.7
G24K	Hadweencz Riv	87.90	12	I	Amb	I	Amb	16 43 17.1
G24K	Hadweencz Riv	87.90	12	P				16 43 15.9 +0.2
IMW	Indian Meadow	87.97	42	I	Amb	I	Amb	16 43 20.4
K29M	Barlowe	87.97	17	I	Amb	I	Amb	16 43 18.5
K29M	Barlowe	87.97	17	P				16 43 17.0 +0.8
FARO	Faro, Yukon	88.02	20	I	Amb	I	Amb	16 43 18.1
FARO	Faro, Yukon	88.02	20	P				16 43 16.3 -0.1
LOHW	Long Hollow	88.06	43	I	Amb	I	Amb	16 43 19.9
S22A	AUR Ranch, Cre	88.08	49	P				16 43 18.9 +1.2
WTLY	Watson Lake, Y	88.11	23	I	Amb	I	Amb	16 43 19.9
WTLY	Watson Lake, Y	88.11	23	P				16 43 17.5 +0.6
CD2	Chengdu	88.12	303	P				16 43 18.0 +0.4
PZH	PanZhiHua	88.15	299	P				16 43 18.4 +0.5
C19K	Lookout Ridge	88.16	7	I	Amb	I	Amb	16 43 19.3
C19K	Lookout Ridge	88.16	7	P				16 43 17.6 +0.7
B18K	Kokolik River	88.17	6	P				16 43 17.1 +0.2
D20K	Stivuk River	88.17	8	P				16 43 17.4 +0.5
OVMT	Ovando	88.19	39	P				16 43 17.3 -0.4
YHB	Horse Butte	88.20	42	I	Amb	I	Amb	16 43 20.1
FLWY	Flag Ranch, C	88.21	42	P				16 43 18.2 +0.2
G25K	Bearman Lake	88.24	13	P				16 43 17.4 +0.1
J29N	Klondike Camp	88.25	17	P				16 43 18.5 +1.1
FYU	Fort Yukon	88.25	13	I	Amb	I	Amb	16 43 18.6
YHL	Hebgen Lake	88.26	41	I	Amb	I	Amb	16 43 22.1
I27K	Kandik River	88.29	15	P				16 43 17.9 +0.3
E21K	Killik River	88.30	9	P				16 43 17.7 +0.2
YMR	Madison River	88.31	42	I	Amb	I	Amb	16 43 21.8
PDAR	Pinedale Array	88.36	44	P				16 43 18.7 0.0
PDAR	Pinedale Array	88.36	44	P				16 43 19.1 +0.4
PDAR	comp=Z,2.2nm,0.7s,baz=243,slow=2.9,SNR=5.0							16 46 57.4 -2.2
PDAR	comp=Z,7.0nm,1.0s,baz=243,slow=6.3,SNR=7.0							17 00 57.6 -1.0
E22K	Anaktuvuk Pass	88.37	10	P				16 43 18.3 +0.4
F24K	Squaw Lake	88.53	12	P				16 43 19.1 +0.5
S24K	Snowmass	88.57	48	I	Amb	I	Amb	16 43 23.1
I28M	Miner Creek	88.58	16	I	Amb	I	Amb	16 43 20.5
I28M	Miner Creek	88.58	16	P				16 43 19.3 +0.3
LKWY	Lake	88.62	42	I	Amb	I	Amb	16 43 24.4
SAND	Sanderson	88.64	58	P				16 43 20.8 +0.7
SAND	Sanderson	88.64	58	P				16 43 23.1
MNHN	Monahans	88.64	56	I	Amb	I	Amb	16 43 23.0
TOAD	Toad River Com	88.65	25	P				16 43 20.0 +0.5
LIRD	Liard River H	88.68	24	P				16 43 20.3 +0.9
E23K	Chandalar	88.68	11	I	Amb	I	Amb	16 43 21.1
E23K	Chandalar	88.68	11	P				16 43 19.9 +0.5
ELIB	Princess Elisa	88.82	187	dp	P			16 45 35.1 -2.6
H27K	Steamboat Moun	88.82	15	P				16 43 20.6 +0.6
C21K	Knifeblade Rid	88.84	9	P				16 43 20.6 +0.6
J30M	Hart River	88.87	17	P				16 43 20.9 +0.5
G26K	Porcupine River	88.89	13	P				16 43 21.0 +0.8
D22K	Aiyikyak River	88.90	9	P				16 43 21.2 +0.9
E24K	Your Creek	88.90	11	I	Amb	I	Amb	16 43 22.3
E24K	Your Creek	88.90	11	P				16 43 21.0 +0.6
I29M	Ogilvie Camp	88.93	16	I	Amb	I	Amb	16 43 21.3
I29M	Ogilvie Camp	88.93	16	P				16 43 20.8 +0.2
F25K	Christian River	89.04	12	P				16 43 21.9 +0.9
A19K	Wainwright	89.05	6	P				16 43 21.9 +1.0
YNE	Yellowstone No	89.07	42	I	Amb	I	Amb	16 43 25.1
ODSA	Odessa	89.01	56	I	Amb	I	Amb	16 43 20.5 1.7
BMAR	Burnt Mountain	89.12	13	P				16 43 22.1 +0.7
TOLK	Toolik Lake Re	89.20	11	I	Amb	I	Amb	16 43 28.1
TOLK	Toolik Lake Re	89.20	11	P				16 43 22.2 +0.4
TGNT	Hyland Airport	89.26	22	P				16 43 22.7 +0.6
G27K	Doyon Strip	89.26	14	P				16 43 22.6 +0.6
B21K	Ikpikpuk River	89.29	9	I	Amb	I	Amb	16 43 23.6
B21K	Ikpikpuk River	89.29	9	P				16 43 22.6 +0.5
YAK	Yakuts	89.30	339	i	P			16 43 22.3 +0.1
D23K	Nanushuk River	89.30	10	P				16 43 23.0 +0.8
B20K	Meade River	89.31	8	P				16 43 22.5 +0.3
B20K	Meade River	89.31	8	P				16 43 24.2
B20K	Meade River	89.31	8	P				16 43 22.9 +0.8
I30M	Mount Dempster	89.35	17	P				16 43 22.9 +0.3

F26K	Sheenjek River	89.44	13	P				16 43 23.4 +0.6
H29M	Whitstone	89.59	16	I	Amb	I	Amb	16 43 24.6
H29M	Whitstone	89.59	16	P				16 43 23.9 +0.4
RLMT	Red Lodge	89.59	42	I	Amb	I	Amb	16 43 27.7
DRI0	Del Rio	89.68	59	P				16 43 25.3 +0.5
Q24A	Divide	89.78	49	I	Amb	I	Amb	16 43 28.8
Q24A	Divide	89.78	49	P				16 43 26.6 +1.1
D24K	Happy Valley	89.78	11	I	Amb	I	Amb	16 43 26.1
D24K	Happy Valley	89.78	11	P				16 43 25.1 +0.7
KOTAN	Kotaneleele Air	89.94	24	P				16 43 26.0 +0.7
N23A	Red Feather La	90.00	47	I	Amb	I	Amb	16 43 28.8
N23A	Red Feather La	90.00	47	P				16 43 27.5 +1.1
LZH	Lanzhou	90.02	308	e	P			16 43 27.9 +1.4
LZH	Lanzhou	90.02	308	p				16 45 40.0 -4.2
LZH	Lanzhou	90.02	308	pp				16 46 42.4 -7.5
C23K	Hikilik River	90.09	10	P				16 43 25.8 +0.1
C23K	Hikilik River	90.09	10	P				16 43 26.6 +0.9
TROLL	Troll, Antari	90.10	181	↑	P			16 43 26.4 +0.2
TROLL	comp=Z,1.1um,1.0s							16 45 44.1 0.0
TROLL	comp=Z,4.84nm,0.7s							16 47 18.1 +6.7
TROLL	comp=Z,5.14nm,0.5s							16 50 49.9 +4.2
B22K	Teshekpuk Lake	90.12	9	P				16 43 26.5 +0.6
EPYK	Eagle Plains	90.13	16	I	Amb	I	Amb	16 43 27.0
EPYK	Eagle Plains	90.13	16	P				16 43 26.4 +0.3
SGCY	Sterling City	90.15	56	P				16 43 26.9 -0.1
G29M	Pine Creek	90.22	15	I	Amb	I	Amb	16 43 30.6
G29M	Pine Creek	90.22	15	P				16 43 26.6 +0.2
POST	Post	90.27	55	I	Amb	I	Amb	16 43 29.9
833A	Chaparral WMA,	90.28	60	P				16 43 26.4 -1.3
833A	Chaparral WMA,	90.28	60	P				16 43 30.9
833A	Chaparral WMA,	90.28	60	P				16 43 29.3 +1.7
C24K	Franklin Bluff	90.30	10	P				16 43 27.3 +0.6
F28M	Old Crow	90.32	14	P				16 43 27.1 +0.2
K22A	Casper	90.33	45	I	Amb	I	Amb	16 47 13.8
H31M	Peel River	90.35	17	I	Amb	I	Amb	16 43 28.5
H31M	Peel River	90.35	17	P				16 43 27.3 +0.2
TNCH	TengChong	90.36	296	P				16 43 29.5 +1.2
TNCH	TengChong	90.36	296	p				16 45 49.4 +2.2
TNCH	TengChong	90.36	296	pp				16 47 19.7 +4.3
TNCH	TengChong	90.36	296	SKS				16 52 54.9 -3.9
D25K	Kavik River	90.37	11	P				16 43 27.1 -0.1
E27K	Coleen River	90.39	13	I	Amb	I	Amb	16 43 29.2
E27K	Coleen River	90.39	13	P				16 43 28.1 +0.8
SNA4	Sanaa	90.43	179	↑	P			16 43 27.4 -0.2
SNA4	comp=Z,780nm,0.6s							16 45 48.9 -0.5
SNA4	comp=Z,214nm,1.0s							16 47 18.6 +4.7
SNA4	comp=Z,115nm,0.7s							16 50 51.3 +5.0
SNA4	Sanaa	90.43	179	P				16 43 27.4 -0.2
SNA4	comp=Z,2.0nm,0.5s,baz=194,slow=4.4,SNR=11							17 00 48.4 +0.8
HBVL	Hebbronville	90.45	62	P				16 43 27.9 -0.6
A22K	Sinclair	90.51	8	P				16 43 28.4 +0.8
RTBA	Rita Blanca	90.57	52	P				16 43 28.5 -0.5
EGMT	Eagleton	90.59	39	I	Amb	I	Amb	16 47 15.2
VNA3	Neumayer Olymp	90.62	177	↑	P			16 43 28.3 -0.1
VNA3	comp=Z,180nm,0.7s							16 45 51.2 +2.0
VNA3	comp=Z,16nm,0.8s							16 47 20.4 +5.1
VNA3	comp=Z,2.0nm,0.6s							16 50 52.3 +5.4
G30M	Snyder S	90.69	56	I	Amb	I	Amb	16 43 31.8
JCT	Junction City	90.70	58	I	Amb	I	Amb	16 43 31.7
G30M	AoH Zraii Nji	90.72	16	I	Amb	I	Amb	16 43 29.6
G30M	AoH Zraii Nji	90.72	16	P				16 43 28.9 +0.1
LL04	Puerto Octay	90.75	134	I	Amb	I	Amb	16 43 32.2
SN07	Snyder 07	90.76	55	I	Amb	I	Amb	16 43 31.4
HND0	Hondo	90.79	59	P				16 43 30.8 +0.8
DKNS	Dickens	90.94	55	I	Amb	I	Amb	16 43 32.5
VNA2	Neumayer-Watz	90.10	177	↑	P			16 43 30.6 +0.2
VNA2	comp=Z,1.03nm,0.6s,baz=201,slow=6.1							16 45 55.5 +3.9
VNA2	comp=Z,12nm,0.6s,baz=189,slow=3.4							16 47 22.6 +4.1
C27K	Jago River	91.14	12	I	Amb	I	Amb	16 43 31.9
C27K	Jago River	91.14	12	P				16 43 31.4 +0.7
C26K	Camden Bay	91.15	11	P				16 43 31.8 +1.1
E28M	Babage River	91.19	14	P				16 43 31.4 +0.5
G31M	Satah River	91.19	16	P				16 43 31.2 +0.3
VNA1	Neumayer-Stat	91.28	177	↑	P			16 43 31.6 +0.3
VNA1	comp=Z,7.4nm,0.7s							16 45 49.6 -0.3
VNA1	comp=Z,19nm,1.0s							16 47 23.2 +2.9
VNA1	comp=Z,17nm,0.9s							16 50 55.6 +7.7
F30M	Barrier River	91.31	15	P				16 43 32.5 +1.0
D27M	Malcolm River	91.38	13					

6d 16h

Table with columns for country codes (e.g., SUMG, SFJD), names, and various numerical data points. Includes sub-sections like 'comp-Z,56nm,0.6s' and 'comp-Z,29nm,0.6s'.

2018 SEP

Table with columns for country codes (e.g., NB2, NOA), names, and various numerical data points. Includes sub-sections like 'comp-Z,3.7nm,0.5s,baz=11,slov=2.9' and 'comp-Z,4.8nm,0.6s,baz=15,slov=4.5,SNR=12'.

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Table with columns for country codes (e.g., TESR, NEGRR), names, and various numerical data points. Includes sub-sections like 'comp-Z,1.6nm,0.7s,baz=239,slov=2.2,SNR=14' and 'comp-Z,2.4nm,0.4s,baz=69,slov=1.8,SNR=125'.

ABTA Abfaltersbach 149.78 344 ePKP PKPbc 16 54 04.3 -0.9
DAVOX Davos/Dischmat 150.38 347 PKPbc PKPbc 16 54 06.4 -0.2

NEIC 06 16:38:56.6±0.2, 18.0S; 0.1x1.179:7W.0.1, h634km, 9km, mb4.8/91, Error ellipse: s-maj=20.8km s-min=14.7km az=135.0

IDC 06 16:38:57.4±1.5, 18.07S; 179:76W, h644km, 17km, mb3.8/14, mbtmp4.7/15, Error ellipse: s-maj=18.6km s-min=13.9km az=124.0

ISC 06 16:38:57.5±0.4, 17.99S; 0.08:179:78W.0.09, h650km, n141, c0993/140, mb4.8/59, Fiji Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists various seismic stations and their data points.

Table with columns: O16K, IAMB, IAMB, 16 50 00.8, etc. Lists seismic stations and their data points, including YBH, N15K, SYI, Q19K, etc.

Table with columns: JNB, JNKB, JNJK, Urakawa-nobuka, 0.67 261, etc. Lists seismic stations and their data points, including Noboribetsu, Urakawa-nobuka, Furan, etc.

NEIC 06 16:43:18.9±1.9, 17.79S; 0.06:179:6W.0.1, h619km, 7km, mb4.8/70, Error ellipse: s-maj=15.3km s-min=8.1km az=69.0

IDC 06 16:43:20.6±0.7, 17.79S; 179:69W, h636km, 6km, mb3.6/15, mbtmp4.6/17, Error ellipse: s-maj=14.5km s-min=12.6km az=131.0

ISC 06 16:43:19.3±0.7, 17.79S; 0.07:179:61W.0.07, h628km, 7km, n200, c1907/202, mb4.7/57, 5C-6D, Fiji Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists various seismic stations and their data points, including Nonsavu, Afihamu, LIFOC, etc.

SKHL 06 16:41:33.7±0.7, 42.50N; 141.90E, h65km, 4km, mb4.7/3
JMA 06 16:41:33.8±0.1, 42.6N; 142.0E; 0.6, h32km, 1km, mb2.2/24, M4.0, 0.24, IZHIKARI DEPRESSION

JMA Feit III J1 at ISHIKARI DEPRESSION
ISC 06 16:41:33.5±1.0, 42.58N; 0.03:141:93E.0.03, h32km, 6km, n28, c1108/32, 10D, Hokkaido region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists various seismic stations and their data points, including Iburatsuma, Iburatsuma, Biratori, etc.

6d 17h

2018 SEP

Table with columns: Station, Elevation, Wind, Temp, Humidity, etc. Includes stations like NAKATSUE, NIKOLSKI HIGH, YONAGUNI JIMA, etc.

Table with columns: Station, Elevation, Wind, Temp, Humidity, etc. Includes stations like WOLF CREEK MOUNTAIN, STONY RIVER, SEWARD, etc.

Table with columns: Station, Elevation, Wind, Temp, Humidity, etc. Includes stations like MOOSE CREEK, TELEGRAPH CREEK, EDGE CREEK, etc.

2018 SEP

6d 18h

Table of astronomical observations for 6 days and 18 hours, listing objects like Port Moresby, Cobar Meteorol, CMSA Cobar Meteorol, etc., with columns for object name, magnitude, position, and other parameters.

Table of astronomical observations for 6 days and 18 hours, listing objects like Nikolski High, Unalaska Valle, Petropavlovsk, etc., with columns for object name, magnitude, position, and other parameters.

Table of astronomical observations for 6 days and 18 hours, listing objects like JIS Juneau Island, Beach Ranch, HHC Hu-ho-hao-te, etc., with columns for object name, magnitude, position, and other parameters.

Table with columns: NOA, NORSAR Array B 137.28 352, PKP, PKPdf, 18 40 32.9 -0.5, etc. Includes various station names and coordinates.

Table with columns: WTTA, Wattenberg, 150.19 343 / PKP, PKPbc, 18 41 01.8 -0.3, etc. Includes station names like Wattenberg, Ueberuhr, MOTA, etc.

Table with columns: KVN, Kaiserville, 80.55 44 P, P, 18 53 17.2 +1.3, etc. Includes station names like Kaiserville, J05D, M17K, etc.

6d 19h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like AAA Alma-Ata, KNDC Almaty, FRU1 Bishkek, etc.

2018 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like BTK Batken, TRKS Terek-Say, DJR Jarkent, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, AKASO Malin Array B, etc.

Table with columns: SHD, comp, N, A, P, Pn, P, Pmax, smax, and various station names like YSS, CHGR, YSS, etc.

Table with columns: BRVK, comp, N, Pmax, pmax, and various station names like AAK, CHGR, VSU, etc.

Table with columns: KDJ, baz, N, P, Pmax, P, Pmax, and various station names like KDJ, ULHL, SFK, etc.

IDC 06 20:03:34.7±1.8, 43.63N; 105.40W, h0km, mbtmg3.6/4, ML2-93, Error ellipse: s-maj=46.7km s-min=8.8km az=151.0, Wyoming

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC, and various station names like PDAR, ULM, NVAR, etc.

SOME 06 20:06:40.0, 39°52'N-76°83'E, h0km
KRNET 06 20:06:41.4±0.1, 39.45N; 76.88E, mb3.5
NNC 06 20:06:43.4±0.9, 39.80N; 76.90E, h0km, mb4.5, mpv4.1, Error ellipse: s-maj=6.3km s-min=5.5km az=164.0, IDC 20:06:46.0±4.7, 39.69N; 77.69E, h0km, mb2.71, mbtmg3.1/5, ML2-74, Error ellipse: s-maj=52.9km s-min=40.8km az=27.0
ISC 06 20:06:45.4±1.2, 39.69N; 106.76E; 0.03, h10km, n85, ±191/127, 32C-13D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC, and various station names like FRU1, DGS, ZHN, etc.

Table with columns: DRK, Karamyk, baz=72, 3.95 269, eP, Pn, 20 07 45.4 -0.9, 20 08 32.7 -0.1, 20 07 59.9 -1.5, 20 08 57.3 +4.7, 20 07 59.9 -1.5, 20 08 57.3, 20 07 57.5 +1.4, 20 08 53.6 -0.3, 20 07 57.5 +1.4, 20 08 53.7, 20 07 57.5 +1.1, 20 08 53.9 -0.7, 20 07 57.4 +1.1, 20 08 53.9, 20 07 60.0 +2.1, 20 08 57.7 +0.4, 20 07 60.0 +2.1, 20 08 57.7, 20 07 58.8 +0.7, 20 08 54.4, 20 07 59.5 +1.4, 20 08 56.6 -1.2, 20 07 59.5 +1.3, 20 08 56.4, 20 08 01.0 +2.3, 20 08 60.0 +0.9, 20 08 01.0 +2.3, 20 08 60.0, 20 08 01.3 +1.6, 20 08 59.6 -1.3, 20 08 01.3 +1.6, 20 08 59.6, 20 07 52.1 +1.1, 20 08 43.8 +2.5, 20 07 53.2 +1.6, 20 08 46.0 +3.6, 20 09 09.9, 20 08 09.4 -3.3, 20 09 13.8 +2.1, 20 08 09.4 -3.3, 20 08 08.5 +2.7, 20 08 12.6 +0.4, 20 08 08.5 +2.7, 20 09 12.6, 20 07 56.5 +0.1, 20 08 51.1 +0.1, 20 07 57.6 +0.3, 20 08 53.0 +0.4, 20 08 15.5 +3.0, 20 09 24.6, 20 08 18.5 +3.5, 20 09 29.0 -0.6, 20 08 30.0 +4.2, 20 09 49.1 -0.9, 20 08 28.6 +2.8, 20 09 46.8, 20 08 32.3 +4.3, 20 09 53.1 -1.0, 20 08 34.2 -3.8, 20 09 56.8, 20 08 32.5 +4.2, 20 09 50.8, 20 08 44.5 +1.2, 20 10 59.5, 20 08 42.6 -0.7, 20 10 56.4, 20 09 21.9 -0.7, 20 12 30.2, 20 10 06.9 +2.2, 20 14 07.8, 20 10 20.3 -0.2, 20 11 43.9 -3.3

ATH 06:20:39:40.9, 37:73N-27:18E, h13km, 5km, ML2, 7/4, Manual Solution by M.Papanikolaou This location: 2020/06/28 21:09:35 ML Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 4 km ISK 06:20:39:41.9, 37:62N-26:83E, h11km, ML2, 1/21 AFAD 06:20:39:43.1, 0.3, 37:65N-26:89E, h7km, 3km, ML2, 3 THE 06:20:39:44.6, 37:54N-26:76E, h31km, 51km, ML2, 6/2, Error ellipse: s-maj=51.1km s-min=1.6km az=194.0 ISC 06:20:39:43.1, 0.9, 37:64N-0.02:26:89E, h16km, 8km, n50, 0:054/67, Dodecanese Islands

Table with columns: GCAM, S, Sg, 20 39 53.5 +0.4, 20 39 55.0, 20 39 56.0, 20 39 56.6 -0.1, 20 39 55.2 +0.4, 20 39 55.1 +0.2, 20 39 56.8 -0.2, 20 39 59.0, 20 40 02.0, 20 39 52.1 -0.3, 20 39 54.0 +0.1, 20 40 06.1 +0.6, 20 40 08.0, 20 39 58.9 +0.5, 20 40 00.3 -0.2, 20 40 02.3 +0.2, 20 40 13.9 -0.4, 20 40 01.7 -0.3, 20 40 16.5 +0.3, 20 40 02.4 +0.1, 20 40 14.0 -0.9, 20 40 02.0 0.0, 20 40 16.9 +0.7, 20 40 03.5 +0.3, 20 40 03.2 0.0, 20 40 03.0 -0.2, 20 40 03.9 +0.4, 20 40 04.0 +0.3, 20 40 25.0, 20 40 04.9 -0.2, 20 40 04.6 -0.3, 20 40 18.6 -1.2, 20 40 05.6 +0.2, 20 40 07.0 +0.4, 20 40 17.2 +0.4, 20 40 07.0 -0.4, 20 40 55.0, 20 40 09.1 +0.3, 20 40 07.7 +0.4, 20 40 08.9 -0.1, 20 40 08.8 +0.2, 20 40 10.6 +0.1, 20 40 09.5 0.0, 20 40 39.0, 20 40 10.9 +0.2, 20 40 12.8 +0.6, 20 40 13.2 +0.5, 20 40 13.3 +0.5, 20 40 12.9 -0.7, 20 40 12.9 -0.6, 20 40 30.0 +0.1, 20 40 10.2 -1.6, 20 40 31.9 -0.8, 20 40 38.2 -0.6, 20 40 38.8 -0.2, 20 40 12.9 -0.1, 20 40 12.1 -0.9, 20 40 17.6 -0.3, 20 40 18.9 -0.7, 20 40 19.3 -0.7, 20 40 22.5 +1.0, 20 42 29.7 -0.2, 20 42 45.0 +0.2, 20 42 29.7 -0.2, 20 42 44.5 0.0, 20 42 45.2, 20 42 31.3 +0.3, 20 42 47.1 +0.9, 20 42 45.0, 20 42 31.2 +0.3, 20 42 46.7 +0.5, 20 42 50.8, 20 42 34.5 +0.5, 20 42 52.8 +1.1, 20 42 54.5, 20 42 33.9 -0.1, 20 42 52.1 +0.4, 20 42 54.8, 20 42 33.9 -1.8, 20 42 33.9 -1.8, 20 42 55.3, 20 42 33.8 -0.4, 20 42 52.1 -0.1, 20 42 54.0, 20 42 36.1 +0.3, 20 42 56.6 +0.8, 20 42 57.6, 20 42 46.2 +0.9, 20 43 14.5 +2.7, 20 42 46.2 +0.9, 20 43 12.2 +0.4, 20 42 46.1 +0.9, 20 43 13.2 +1.4, 20 43 20.3, 20 42 47.0 +0.8, 20 43 17.5 +4.0, 20 43 26.6, 20 42 46.3 +0.1, 20 43 19.7

Table with columns: AP01, Challalluta, 2.53 326, eP, Pn, 20 42 39.7 -1.1, 20 43 18.0 +4.3, 20 45 33.0, 20 43 16.2 +2.6, 20 44 05.5 +3.0, 20 43 19.4 -0.2, 20 44 11.2 -2.0, 20 44 38.5, 20 43 26.6 +1.5, 20 44 35.6, 20 44 10.9 -2.0, 20 44 56.2 -2.8, 20 53 50.7 -1.1, IDC 06:20:56:07.8, 1.4, 2:35N-123:09E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=74.6km s-min=24.3km az=73.0, Celebes Sea, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, WRA, Warramunga Arr, 24.75 154, P, Pn, 21 01 31.1 -0.3, ASAR, Alice Springs, 27.92 158, P, P, 21 02 00.3 +0.3, MKAR, Makanchi Array, 56.68 328, P, P, 21 05 52.9 -0.3, PETK, Petropavlovsk, 58.11 24, P, P, 21 06 03.2 +0.2, TRN 06:21:14:53.0, 18:60N-63:91W, h11km, MD0.0, Far North-west of Anguilla, SDD 06:21:14:54.6, 0.7, 18:88N-64:13W, h22km, 999km, MD3.6, ML2.8, MW3.3, RSPR 06:21:14:56.1, 18:95N-63:91W, h35km, 15km, MD3.3/14, ISC 06:21:14:54.4, 2.0, 18:9N-0.2:63:91W, 0:05, h22km, n36, 0:0567/40, 13C-SD, Leeward Islands, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, SMRT, St. Maarten, 1.12 135, eP, Pn, 21 15 14.9 +0.1, SMRT, St. Maarten, 1.12 135, eS, Pn, 21 15 30.0 +0.7, SMRT, Saba, 1.38 152, eP, Pn, 21 15 19.1 +0.8, SKI, Saint Kitts, 1.88 143, eS, Pn, 21 15 24.8 -0.4, SKI, Saint Kitts, 1.88 143, eS, Pn, 21 15 26.0 -0.4, HUMP, Col San Antoni, 1.97 249, eP, Pn, 21 15 28.3 -0.4, HUMP, Col San Antoni, 1.97 249, eS, Pn, 21 15 49.9 -0.5, GCPR, Guaynabo City, 2.13 256, eP, Pn, 21 15 28.3 -0.4, GCPR, Guaynabo City, 2.13 256, eS, Pn, 21 15 54.0 -0.5, PDRP, Patillas Dam, 2.17 248, eP, Pn, 21 15 29.5 +0.4, PDRP, Patillas Dam, 2.17 248, eS, Pn, 21 15 55.1 -0.2, SJG, San Juan, 2.25 251, eP, Pn, 21 15 31.1 +0.9, IGPR, Interuniversit, 2.26 247, eP, Pn, 21 15 31.1 +0.7, IGPR, Interuniversit, 2.26 247, eS, Pn, 21 15 57.6 -0.1, ANWB, Willy Bob, 2.34 120, eP, Pn, 21 16 00.1 +0.5, ANWB, Willy Bob, 2.34 120, eS, Pn, 21 16 03.7 -0.2, EMPR, Esperanza - Ma, 2.51 262, eP, Pn, 21 15 33.7 -0.2, EMPR, Esperanza - Ma, 2.51 262, eS, Pn, 21 16 03.0 -0.8, MBFL, Flemmings, Mon, 2.64 142, eP, Pn, 21 15 34.8 -0.9, CELP, Cerrillos, 2.65 254, eP, Pn, 21 15 36.0 +0.3, CELP, Cerrillos, 2.65 254, eS, Pn, 21 16 06.5 -0.6, CELP, Cerrillos, 2.65 254, eP, Pn, 21 16 06.0 +0.3, CELP, Cerrillos, 2.65 254, eS, Pn, 21 16 15.2, CELP, Cerrillos, 2.65 254, eP, Pn, 21 16 20.9, MBWH, Obispo Ponce, 2.66 142, eP, Pn, 21 15 35.7 -0.3, OBIP, Obispo Ponce, 2.66 142, eS, Pn, 21 15 36.0 -0.2, ANBD, Bethesda, Anti, 2.72 231, eP, Pn, 21 15 37.0 -0.9, ANBD, Bethesda, Anti, 2.72 231, eS, Pn, 21 16 09.4 +0.5, AOPR, Arcείο Observ, 2.74 260, eP, Pn, 21 16 07.5 +0.1, AOPR, Arcείο Observ, 2.74 260, eS, Pn, 21 16 09.4 -0.2, AOPR, Arcείο Observ, 2.74 260, eP, Pn, 21 15 37.2 +0.1, AOPR, Arcείο Observ, 2.74 260, eS, Pn, 21 16 18.2, AOPR, Arcείο Observ, 2.74 260, eP, Pn, 21 16 22.8, AOPR, Arcείο Observ, 2.74 260, eS, Pn, 21 15 38.9 +1.9, GBPR, Guania, Bosqu, 2.95 253, eP, Pn, 21 15 40.8 +0.9, GBPR, Guania, Bosqu, 2.95 253, eS, Pn, 21 15 41.3 -0.1, AOPR, Aguadilla, PR, 3.06 263, eP, Pn, 21 16 16.2 -1.2, AOPR, Aguadilla, PR, 3.06 263, eS, Pn, 21 16 16.2 -1.2, MLPR, Magueyes Islan, 3.10 254, eP, Pn, 21 16 18.1 -0.3, MLPR, Magueyes Islan, 3.10 254, eS, Pn, 21 15 42.7 +0.7, MLPR, Magueyes Islan, 3.10 254, eP, Pn, 21 16 28.9, MLPR, Magueyes Islan, 3.10 254, eS, Pn, 21 16 28.9, CRPR, Cabo Rojo, PR, 3.15 255, eP, Pn, 21 15 42.9 +0.3, CRPR, Cabo Rojo, PR, 3.15 255, eS, Pn, 21 16 19.6 0.0, CRPR, Cabo Rojo, PR, 3.15 255, eP, Pn, 21 15 43.3 +0.6, CRPR, Cabo Rojo, PR, 3.15 255, eS, Pn, 21 16 43.5, JMA 06:21:15:42:0.0, 5.1, 17:12N-133:6E, h420km, MV3.4/42, EASTERN SEA OF JAPAN, IDC 06:21:15:42:1.5, 41:32N-135:75E, h381km, 17km, mb2.7/5, mbtmp3.5/9, Error ellipse: s-maj=26.3km s-min=25.0km az=24.0, ISC 06:21:15:41:1.0, 8.41:20N-0:08-136:11E, 0:08, h400km, n25, 0:170/31, mb3.0/5, Eastern Sea of Japan, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC, JIW, Iwasaki, 3.02 100, P, Pn, 21 16 45.5 +1.0, JOT, Ohata, 3.73 86, eP, Pn, 21 16 51.4 +0.8, JRG, Rokugo, 3.90 116, eP, Pn, 21 16 53.6 +1.4, JRG, Rokugo, 3.90 116, eS, Pn, 21 17 50.7 +0.7, JSR, Utsuriyeki Ar., 4.26 316, P, Pn, 21 16 53.0 -2.6, JSR, Utsuriyeki Ar., 4.26 316, eS, Pn, 21 16 53.0 -2.6, JMK, Ichinoseki, 4.52 118, P, Pn, 21 16 58.9 +0.6, JMK, Ichinoseki, 4.52 118, eS, Pn, 21 18 00.4 -0.4, JMM, Muramori, 4.92 131, eP, Pn, 21 17 02.7 +0.4, JMM, Muramori, 4.92 131, eS, Pn, 21 18 08.3 0.0, MJAR, Matsushiro Arr, 4.93 160, P, Pn, 21 17 04.2 +1.7, MJAR, Matsushiro Arr, 4.93 160, eS, Pn, 21 17 04.2 +1.7, JFK, Kawachi, 5.32 134, eP, Pn, 21 17 06.4 -0.2, JFK, Kawachi, 5.32 134, eS, Pn, 21 18 13.7 -2.4, JFG, Ashikaga, 5.44 150, P, Pn, 21 17 08.9 +1.2, JFG, Ashikaga, 5.44 150, eS, Pn, 21 17 09.5 +0.5, JCH, Churui, 5.60 73, eP, Pn, 21 18 18.1 -3.0, JCH, Churui, 5.60 73, eS, Pn, 21 18 18.1 -3.0, JRY, Ryogami san, 5.62 156, eP, Pn, 21 17 11.6 +1.9, JRY, Ryogami san, 5.62 156, eS, Pn, 21 17 10.5 -0.6, JHO, Hitachi, 5.75 141, eP, Pn, 21 18 20.3 -4.1, JHO, Hitachi, 5.75 141, eS, Pn, 21 18 20.3 -4.1, JNY, Hanno, 5.95 154, eP, Pn, 21 17 12.8 -0.6, JNY, Hanno, 5.95 154, eS, Pn, 21 17 11.9 -1.1, JYU, Yasuko, 5.90 146, eP, Pn, 21 17 16.4 +2.6, JYU, Yasuko, 5.90 146, eS, Pn, 21 17 16.4 +2.6, JTKR, Abashiri-Toko, 6.39 62, eP, Pn, 21 17 19.4 +1.6, JTKR, Abashiri-Toko, 6.39 62, eS, Pn, 21 17 19.4 +1.6, BSO3, Boso 3, 7.27 150, eP, Pn, 21 17 28.5 -0.3, BSO3, Boso 3, 7.27 150, eS, Pn, 21 17 28.5 -0.3, NEM2, Nemuro 2, 7.47 70, eP, Pn, 21 17 29.9 0.0, NEM2, Nemuro 2, 7.47 70, eS, Pn, 21 17 40.6 -2.1, KLR, Kulund, 8.60 341, P, Pn, 21 17 40.6 -2.1, KLR, Kulund, 8.60 341, eS, Pn, 21 17 40.6 -2.1, SONM, Songo Array, 22.11 297, P, Pn, 21 20 05.5 +0.8, SONM, Songo Array, 22.11 297, eS, Pn, 21 20 05.5 +0.8, KURBB, Kurchatov Arra, 40.22 304, P, Pn, 21 22 39.9 -0.7, KURBB, Kurchatov Arra, 40.22 304, eS, Pn, 21 22 39.9 -0.7, BVAR, Borovoy Array, 44.73 309, P, Pn, 21 23 16.3 -0.1, BVAR, Borovoy Array, 44.73 309, eS, Pn, 21 23 16.3 -0.1, ILAR, Etelson Array, 48.27 34, P, Pn, 21 23 46.8 +3.5, ILAR, Etelson Array, 48.27 34, eS, Pn, 21 23 46.8 +3.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like IZV, KUU, KUU, KUU, KTBS, etc.

Code Station Name Az Phase ID Time Res
WRA Warramunga Arr 26.85 163 P 22 40 36.8 -1.1

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like ASAR, MKAR, KURBB, etc.

Code Station Name Az Phase ID Time Res
WRO Warramunga Arr 42.34 266 P 22 45 09.3 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like WRO, WB2, WB2, etc.

SORM	Soroca	146.78 325	↑P	PKPbc	22 56 43.5	-0.6	
PURM	Purcari	146.87 321	↑P	PKPbc	22 56 44.2	-0.2	
NDNU	Novodnistrovsk	147.00 326	PKPdf	PKPbc	22 56 43.8	-0.9	
CIDE	Kastamonu/Cide	147.12 312	↑P	PKPab	22 56 59.6	+1.1	
MILM	Milestii Mici	147.25 323	↑P	PKPbc	22 56 44.2	-1.2	
KIPS	Kiresele/Marka	147.43 306	↑P	PKPbc	22 56 43.0	-0.4	
BRTR	Reskin Array B	147.44 308	↑P	PKPbc	22 56 45.6	-0.8	
BRTR	Keskin Array B	147.44 308	PKPbc	PKPbc	22 56 46.0	-0.4	
BEL	Belisk	147.80 336	ePKP	PKPbc	22 56 46.5	+0.3	
GKP	Gorka Kiasztor	147.61 341	ePKP	PKPbc	22 56 45.7	+0.6	
GKP	Gorka Kiasztor	147.61 341	ePKP	PKPbc	22 56 46.3	+0.1	
MMAI	Mount Meron Ar	147.64 295	PKPbc	PKPbc	22 56 47.7	+0.6	
EKA	Eskdalemuir Ar	148.17 314	PKPbc	PKPbc	22 56 46.7	-0.8	
TLCR	Vladesti	148.22 320	↑P	PKPbc	22 56 48.0	+0.1	
VLDL	RASCA	148.28 321	↑P	PKPbc	22 56 48.4	+0.3	
PRAR	RASCA	148.38 325	↑P	PKPbc	22 56 47.8	-0.5	
KWP	Kawarska Pacla	148.51 331	ePKP	PKPbc	22 56 47.6	-1.0	
PLOR	Plostinia	148.93 323	↑P	PKPbc	22 56 50.4	+0.3	
TGFR	Topolog	148.64 320	↑P	PKPbc	22 56 49.4	+0.3	
TESR	Tescani	148.69 324	↑P	PKPbc	22 56 48.4	-0.8	
BSEB	Bad Sebege	148.70 348	ePKPbc	PKPbc	22 56 49.3	+0.4	
BURAR	Bucovina Array	148.74 326	PKPbc	PKPbc	22 56 49.9	-0.5	
BURAR	Bucovina Array	148.74 326	PKPbc	PKPbc	22 56 50.1	-0.3	
ONER	Onaraj Valea Uz	148.93 324	↑P	PKPbc	22 56 50.3	-0.4	
MFTR	Murfatlar	149.00 318	↑P	PKPbc	22 56 49.6	-0.3	
TLBR	Topalu	149.03 319	↑P	PKPbc	22 56 50.3	+0.3	
VRV	Vrincioara	149.03 323	↑P	PKPbc	22 56 50.1	+0.1	
PLOR	Plostinia	149.22 331	ePKP	PKPbc	22 56 51.2	0.0	
KOLS	Kolonickie sedl	149.22 331	ePKP	PKPbc	22 56 51.2	0.0	
OJC	Ojcow	149.26 335	ePKP	PKPbc	22 56 49.8	-0.6	
RUE	Ruedersdorf	149.28 344	ePKPbc	PKPbc	22 56 50.6	+0.3	
COVR	Voineasa-Covas	149.34 323	↑P	PKPbc	22 56 50.1	-0.7	
GOVT	Trebel	149.40 347	ePKPbc	PKPbc	22 56 51.0	-0.3	
OZUR	Rodos	149.41 324	↑P	PKPbc	22 56 50.8	-0.2	
BOSR	Nehouli	149.49 324	↑P	PKPbc	22 56 51.7	-0.2	
BNR	Bala Mare	149.55 328	↑P	PKPbc	22 56 51.8	-0.4	
NIE	Niedza	149.69 333	ePKP	PKPbc	22 56 51.4	-0.1	
MLR	Muntele Rosu	149.70 323	↑P	PKPbc	22 56 50.6	-1.1	
DOPR	Dopca	149.71 324	↑P	PKPbc	22 56 52.3	0.0	
KSP	Ksiaz	150.00 339	ePKP	PKPbc	22 56 52.2	+0.1	
RETH	Rethem/Aller	150.02 349	ePKPbc	PKPbc	22 56 52.4	-0.2	
FLTG	Flechtingen	150.03 346	ePKPbc	PKPbc	22 56 52.2	+0.1	
CBBR	Ciuj-Babes-Bol	150.15 327	↑P	PKPbc	22 56 52.3	-0.2	
CJR	Ciuj-Napoca	150.18 327	↑P	PKPbc	22 56 52.7	0.0	
MESR	Meseni	150.18 328	↑P	PKPbc	22 56 53.0	+0.1	
VOIR	Ostas	150.27 339	ePKP	PKPbc	22 56 53.3	-0.1	
OSTC	Chivalec	150.29 339	ePKP	PKPbc	22 56 53.1	-0.3	
UPC	Ustice	150.36 339	ePKP	PKPbc	22 56 53.0	0.0	
DPP	Dotrukska-Polom	150.41 339	ePKP	PKPbc	22 56 53.4	-0.1	
MAR	Marisel-Ciuj	150.43 327	↑P	PKPbc	22 56 53.0	-0.3	
MORC	Moravsky Berou	150.47 337	ePKP	PKPbc	22 56 53.3	0.0	
MORC	Moravsky Berou	150.47 337	ePKP	PKPbc	22 56 53.0	-0.3	
TNR	Turnu Rosu	150.51 324	↑P	PKPbc	22 56 54.1	+0.1	
IDFR	Colim	150.55 343	↑P	PKPbc	22 56 53.2	-0.2	
CLL	Colim	comp=2.38nm,0.8s		iPKPab	PKPab	22 57 02.0	-0.5
CLL	comp=2.11nm,1.1s			iPKPab	PKPab	22 59 03.2	+0.7
CLL	Colim	150.55 343	ePKPbc	PKPbc	22 56 53.5	+0.2	
CLZ	Clausthal	150.67 347	ePKPbc	PKPbc	22 56 54.3	+0.2	
BRG	Bergsiesshubel	150.69 342	iPKP	PKPbc	22 56 53.8	+0.1	
BRG	Bergsiesshubel	150.69 342	iPKP	Amp	22 56 54.0	0.0	
BRG	Bergsiesshubel	150.69 342	iPKP	Amp	22 57 03.5	+0.5	
BRG	Bergsiesshubel	150.69 342	iPKP	Amp	22 57 03.8	0.0	
BRG	Bergsiesshubel	150.69 342	iPKP	Amp	22 59 03.0	-0.1	
BRG	Bergsiesshubel	150.69 342	iPKP	Amp	22 59 04.8	0.0	
BRG	Bergsiesshubel	150.69 342	iPKP	Amp	22 59 03.0	-0.1	
IBBN	Ibbenburen	150.70 350	ePKPbc	PKPbc	22 56 53.8	-0.2	
MAUC	Maruska	150.71 336	ePKP	PKPbc	22 56 54.5	+0.2	
PVCC	Panska Ves	150.81 341	ePKP	PKPbc	22 56 54.6	+0.2	
HUMR	Humele	150.83 322	↑P	PKPbc	22 56 53.6	-0.7	
LOT	Lotru	150.91 324	↑P	PKPbc	22 56 54.3	-1.2	
COPA	Copaceanca	150.93 321	↑P	PKPbc	22 56 54.1	-0.4	
NEUB	Neuenburg	150.95 345	ePKPbc	PKPbc	22 56 54.5	-0.2	
VYHS	Vyhne	151.02 334	ePKP	PKPbc	22 56 54.6	0.0	
PSZ	Piszkesteto	151.03 332	↑P	PKPbc	22 56 54.3	-0.4	
GTGW	Gottswigen	151.04 347	ePKPbc	PKPbc	22 56 54.9	+0.1	
HSKC	Hora Svate Kat	151.07 342	ePKP	PKPbc	22 56 54.7	+0.1	
DEV	Deva	151.08 326	↑P	PKPbc	22 56 54.6	-0.1	
BAND	Balkesir-Ban	151.10 312	↑P	PKPbc	22 56 54.8	-0.2	
JAVC	Velka Javorina	151.18 336	ePKP	PKPbc	22 56 56.1	+0.8	
JAVC	Velka Javorina	151.18 336	ePKP	PKPbc	22 57 06.7	+1.4	
VRAC	Vranov	151.20 337	ePKP	PKPbc	22 56 54.7	-0.3	
ELND	Elena	151.24 318	↑P	PKPbc	22 56 55.1	-0.1	
PRA	Prague	151.26 341	ePKP	PKPbc	22 56 54.7	-0.3	
PRU	Pruhonice	151.30 340	ePKP	PKPbc	22 56 55.1	-0.1	
SIRR	Siria	151.43 328	↑P	PKPbc	22 56 55.3	-0.1	
GZBR	Gura Zlati	151.47 325	↑P	PKPbc	22 56 55.3	-0.5	
KRUC	Moravsky	151.48 337	ePKP	PKPbc	22 56 55.1	-0.5	
TANN	Tannenbergstha	151.51 343	ePKPbc	PKPbc	22 56 55.9	0.0	
MOX	Moxa	151.51 345	ePKPbc	PKPbc	22 56 55.8	0.0	
PLN	Plauen	151.52 344	ePKPbc	PKPbc	22 56 55.8	0.0	
SURR	Surdub	151.56 327	↑P	PKPbc	22 56 54.9	-0.9	
KASTN	Kahler Asten	151.66 349	ePKPbc	PKPbc	22 56 56.0	0.0	
BZS	Buzias	151.91 327	↑P	PKPbc	22 56 56.2	-0.5	
MANZ	Manzenberg	151.99 343	ePKPbc	PKPbc	22 56 56.9	0.0	
HERR	Herculeane	152.01 325	↑P	PKPbc	22 56 56.2	-0.7	
KHC	Kasperske Hory	152.35 341	PKPbc	PKPbc	22 56 57.7	0.0	
KHC	Kasperske Hory	152.35 341	PKPbc	PKPbc	22 56 57.3	-0.2	
KHC	Kasperske Hory	152.35 341	PKPbc	PKPbc	22 57 07.6	+0.4	
KHC	Kasperske Hory	152.35 341	PKPbc	PKPbc	22 57 07.5	-2.5	
CKRC	Cesky Krumlov	152.39 340	ePKP	PKPbc	22 56 50.1	-0.1	
CKRC	Cesky Krumlov	152.39 340	ePKP	PKPbc	22 56 50.7	+1.4	
MDVR	Moldovita	152.44 325	↑P	PKPbc	22 56 57.4	-0.5	
GEC2	GERRS Array S	152.56 340	ePKPbc	PKPbc	22 56 58.0	-0.1	
GERES	GERRS Array B	152.56 340	PKPdf	PKPbc	22 56 50.7	+0.1	
GERES	GERRS Array B	152.56 340	PKPdf	PKPbc	22 56 57.9	-0.2	
GERES	GERRS Array B	152.56 340	PKPdf	PKPbc	22 57 10.0	-1.2	
GERES	GERRS Array B	152.56 340	PKPdf	PKPbc	22 57 10.0	-1.2	
GERES	GERRS Array B	152.56 340	PKPdf	PKPbc	22 59 04.8	+1.3	
MEM	Membach	152.60 352	ePKPbc	PKPbc	22 56 57.7	-0.3	
BTNL	Ternell	152.61 352	ePKPbc	PKPbc	22 56 57.5	-0.5	
ETNL	Conrad Observa	152.63 337	ePKP	PKPbc	22 56 58.3	0.0	
CONA	Conrad Observa	152.63 337	ePKP	PKPbc	22 57 11.8	+0.3	
CONA	Rosalba	152.66 336	iPKP	PKPbc	22 56 58.0	-0.2	
RONA	RONA	comp=2.6,5nm,0.6s,SNR=8.1		ePKP	PKPab	22 57 12.4	+0.8
BCLA	Clavier	152.88 353	ePKP	PKPbc	22 57 11.5	-0.9	
MORH	Morhy Hungar	152.88 331	↑P	PKPbc	22 56 57.9	-0.8	
BGES	Gesves	152.94 353	ePKP	PKPbc	22 57 11.9	-0.7	
BMRD	Maredsous	153.05 353	ePKPbc	PKPbc	22 56 58.5	-0.5	
BMRD	Maredsous	153.05 353	ePKPbc	PKPbc	22 56 58.5	-0.5	
ARSA	Arzberg	153.32 336	ePKP	PKPbc	22 56 59.6	-0.1	
ARSA	Arzberg	comp=2.2,7nm,0.9s		ePKP	PKPab	22 57 14.7	+0.3
WLF	Waldendange	153.51 351	ePKPbc	PKPbc	22 56 58.9	-1.1	
WLF	Waldendange	153.51 351	ePKPbc	PKPbc	22 57 00.6	+0.6	

BIOA	Bad Ischl, Aus	153.60 339	ePKP	PKPab	22 57 16.4	+0.8
SOKA	Soboth	153.99 336	ePKP	PKPdf	22 56 51.8	-0.9
SOKA	comp=2.2,2nm,1.0s		ePKP	PKPbc	22 57 00.8	-0.4
SOKA	comp=2.3,3nm,1.2s		ePKP	PKPbc	22 57 17.2	-0.2
LESA	Schwarzeleipal	154.14 304	ePKP	PKPdf	22 56 52.0	-0.8
KBA	Koelnbreisner	154.23 339	ePKP	PKPdf	22 56 52.3	-0.8
OBKA	Obir	154.31 337	ePKP	PKPab	22 57 18.0	-0.7
BFO	Black Forest	154.42 347	ePKP	PKPbc	22 57 01.8	-0.2
WTTA	Wattenberg	154.60 341	ePKP	PKPdf	22 56 52.9	-0.7
WTTA	comp=2.4,1nm,1.1s		ePKP	PKPbc	22 57 02.3	-0.2
WTTA	comp=2.5,0nm,1.0s		ePKP	PKPbc	22 57 20.8	+0.7
UBR	comp=2.6,3nm,0.7s	154.63 344	ePKPbc	PKPbc	22 57 02.1	-0.4
RETA	Reutte	154.64 343	ePKP	PKPbc	22 57 20.3	+0.2
MOTA	Mossalm	154.68 342	ePKP	PKPab	22 57 20.4	0.0
SQTA	Sankt Quirin	154.76 342	ePKP	PKPdf	22 56 53.2	-0.6
SQTA	comp=2.5,1nm,1.1s		ePKP	PKPbc	22 57 21.2	+0.5
ABTA	Abfaltersbach	154.79 340	ePKP	PKPdf	22 56 52.7	-1.1
DAVA	Damulds	155.06 344	ePKP	PKPdf	22 56 54.7	+0.5
DAVA	comp=2.4,4nm,1.2s		ePKP	PKPab	22 57 22.0	0.0
FETA	Feichten	155.08 343	ePKP	PKPdf	22 56 53.6	-0.7
DBIC	Diebing	162.55 363	PKP	PKPdf	22 57 03.2	-0.4
ESDC	Sonseea Array	163.56 11	PKPab	PKPab	22 57 58.0	-1.1
KEST	Kstra	165.46 329	PKPab	PKPab	22 58 07.7	0.0
TORD	Torodi Ar. Bea	169.54 189	PKP	PKPdf	22 57 07.2	-1.8
TORD	Torodi Ar. Bea	169.54 189	PKP	PKPdf	22 58 26.1	+0.1
TORD	Torodi Ar. Bea	169.54 189	PKP	PKPdf	22 57 07.9	-1.2
TORD	Torodi Ar. Bea	169.54 189	PKP	PKPab	22 58 25.9	-0.1
NEIC	06:22:48:58.3:2.6, 18:06S:0:08:179:8W:0:1, h620km, 12km, mb4.2/13, Error ellipse: s-maj=16.7km s-min=9.8km					
IDC	06:22:49:01:7.2, 6.18:08S:179:75E, h636km, 22km, mb3.0/4, mbmp4.2/5, Error ellipse: s-maj=17.6km s-min=8.6km					
ISC	06:22:48:59.4:0.6, 18:3S:0:1:179:67W:0.09, h650km, n26, i1666/24, mb4.2/11, Fiji Islands region					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s ISC	
MSVF	Nonsavu	2.24 284	Op	22 50 17.8	-1.5	
MSVF	Nonsavu	2.24 284	P	22 50 18.0	-1.4	
AFI	Ofiama	8.76 61	P	22 51 06.0	-1.6	
NIEU	Niue	9.27 96	P	22 51 11.4	-0.8	
FUNIA	Funafuti	9.79 353	P	22 51 10.8	-0.7	
RAO	Raoul Island	11.01 172	P	22 51 27.9	+0.9	
PINC	Pines Island	12.81 248	P	22 51 43.4	-2.1	
DZM	Mont Dzumac	13.56 252	P	22 51 52.0	-0.6	
DZM	Mont Dzumac	13.56 252	P	22 51 52.2	-0.4	
KOUNC	Koumac, New Ca	15.30 259	P	22 52 08.3	-0.1	
RAR	Rarotonga	18.95 102	P	22 52 39.7	-1.9	
TUWZ	Tuatuarua	23.68 192	P	22 53 26.2	+2.8	

Table with columns for station name, frequency, power, and other technical details. Includes stations like FUNA, AFI, NIUE, RAO, PINNC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like P19K, M16K, K13K, D13P, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ISLE, LTY, PNL, N25K, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like USAK, DION, MULA, EMET, ATHU, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like TRUS, GZR, VLDR, DOPR, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like BMRD, BELG, ESDC, NC602, etc.

BMN	Battle Mountain	82.19	43	I	Amb	I	Amb	00 06 58.3
R11B	Troy Canyon, C	82.22	46	P		P		00 06 57.2 +0.6
L19K	White Mountain	82.30	12	I	Amb	I	Amb	00 06 57.6
L19K	White Mountain	82.30	12	P		P		00 06 56.6 +0.3
G05A	Wamic	82.30	37	P		P		00 06 57.5 +0.9
G05A				I	Amb	I	Amb	00 06 57.9
WVOR	Wild Horse Val	82.35	41	I	Amb	I	Amb	00 06 59.1
M20K	Styx River	82.37	12	P		P		00 06 56.2 -0.5
M20K	Styx River	82.37	12	P		P		00 06 56.2 -0.5
J16K	Anvik River	82.37	9	I	Amb	I	Amb	00 06 58.4
J16K	Anvik River	82.37	9	P		P		00 06 57.2 +0.7
RC01	Rabbit Creek A	82.40	14	P		P		00 06 56.5 -0.3
SUA	Susitna One	82.50	14	I	Amb	I	Amb	00 06 57.7
SUA	Susitna One	82.50	14	P		P		00 06 56.7 -0.6
PWL	Port Wells	82.54	15	P		P		00 06 57.3 -0.1
PWL	Port Wells	82.54	15	I	Amb	I	Amb	00 06 57.9
PWL	Port Wells	82.54	15	P		P		00 06 57.0 -0.5
HIN	Hinchinbrook	82.61	16	I	Amb	I	Amb	00 06 57.8
G06A	Carlson Farm	82.70	38	P		P		00 06 59.3 +0.6
G06A				I	Amb	I	Amb	00 07 00.3
J17K	VABM Dome	82.70	9	P		P		00 06 59.2 +1.0
J17K	VABM Dome	82.70	9	P		P		00 06 58.7 +0.5
I07A	Ize	82.72	39	I	Amb	I	Amb	00 07 00.8
L20K	Kayak Island	82.76	12	P		P		00 06 58.2 -0.3
L20K	Kayak Island	82.78	17	I	Amb	I	Amb	00 06 59.9
KAIM	Kayak Island	82.78	17	P		P		00 06 59.1 +0.5
SKT	Skwentna	82.79	13	P		P		00 06 57.3 -1.3
GNW	Green Mountain	82.81	35	P		P		00 07 00.3 +1.3
GNW				I	Amb	I	Amb	00 07 00.8
GLI	Glacier Island	82.87	15	P		P		00 06 58.5 -0.6
M2K	Willow	82.90	14	P		P		00 06 58.6 -0.5
F22K	Port Fidalgo	82.91	16	I	Amb	I	Amb	00 06 59.7
EYAK	Cordova Ski Ar	82.93	16	P		P		00 06 59.0 -0.4
PMR	Palmer	82.99	14	P		P		00 06 59.3 -0.3
KNK	Knik Glacier	82.99	15	I	Amb	I	Amb	00 07 00.4
KNK	Knik Glacier	82.99	15	P		P		00 06 59.5 -0.2
ANM	Nome	83.02	6	P		P		00 07 02.2 +2.5
ANM				I	Amb	I	Amb	00 07 10.7
BBB	Bella Bella	83.03	29	P		P		00 07 00.7 +0.6
BBB				I	Amb	I	Amb	00 07 32.7
Q12A	Willow Creek R	83.08	45	I	Amb	I	Amb	00 07 02.7
RAGM	Ragged Mountai	83.09	17	I	Amb	I	Amb	00 07 01.7
CRAG	Craig	83.14	25	P		P		00 07 01.1 +0.6
CRAG				I	Amb	I	Amb	00 07 34.2
CRAG	Craig	83.14	25	P		P		00 07 00.7 +0.2
J18K	Innoko River	83.15	10	P		P		00 07 00.8 +0.4
HMT	Hamilton	83.16	17	I	Amb	I	Amb	00 07 01.0
GHO	Glory Hole Cre	83.19	14	I	Amb	I	Amb	00 07 01.4
LCMT	Little Creek M	83.19	48	P		P		00 07 02.5 +1.1
X16A	Lo Mia Camp, P	83.29	51	P		P		00 07 03.3 +1.3
X16A				I	Amb	I	Amb	00 07 04.5
MAW	Mawson	83.34	200	P		P		00 07 02.3 +1.0
SML	Sawmill	83.36	14	P		P		00 07 01.5 0.0
SML	Sawmill	83.36	14	P		P		00 07 01.3 -0.3
CCUT	Cedar City	83.36	47	I	Amb	I	Amb	00 07 04.8
SNH	Sunshine Point	83.43	18	I	Amb	I	Amb	00 07 03.4
CUT	Chulitna	83.44	13	P		P		00 07 01.3 -0.5
CUT	Chulitna	83.44	13	P		P		00 07 01.5 -0.3
SIT	Sitka	83.45	23	P		P		00 07 02.1 +0.2
M23K	Glacier View	83.50	15	P		P		00 07 01.7 -0.5
K20K	Telida	83.52	11	P		P		00 07 02.5 +0.3
K20K				I	Amb	I	Amb	00 07 03.3
K20K	Telida	83.52	11	P		P		00 07 02.2 0.0
B15R	Bremner River	83.59	16	P		P		00 07 02.6 -0.1
U15A	North Rim	83.59	49	I	Amb	I	Amb	00 07 06.0
U33K	Whale Pass	83.60	24	P		P		00 07 03.6 +0.9
U33K				I	Amb	I	Amb	00 07 04.6
U33K	Whale Pass	83.60	24	P		P		00 07 02.8 0.0
SCM	Sheep Creek Mo	83.63	15	P		P		00 07 02.7 -0.2
V35K	Ketchikan	83.65	25	I	Amb	I	Amb	00 07 04.9
V35K	Ketchikan	83.65	25	P		P		00 07 03.8 +0.8
WAX	Waxell Ridge	83.65	17	I	Amb	I	Amb	00 07 04.2
KLU	Klutina	83.69	16	P		P		00 07 02.9 -0.3
MESA	MESA	83.69	18	P		P		00 07 04.0 +0.6
G08A	Pilot Rock	83.71	38	P		P		00 07 04.8 +1.1
G08A				I	Amb	I	Amb	00 07 05.5
S31K	Pelican	83.81	22	P		P		00 07 04.7 +1.0
S31K				I	Amb	I	Amb	00 07 05.4
S31K	Pelican	83.81	22	P		P		00 07 03.9 +0.2
CRQM	Cirque	83.82	17	I	Amb	I	Amb	00 07 04.9
J19K	Poorman	83.83	10	P		P		00 07 03.7 0.0
J19K	Poorman	83.83	10	P		P		00 07 03.9 +0.2
CRQE	Cirque	83.83	17	P		P		00 07 04.1 +0.1
E07A	Sunnyside	83.89	37	P		P		00 07 05.1 +0.6
E07A				I	Amb	I	Amb	00 07 06.4
TGL	Tana Glacier	83.91	17	P		P		00 07 04.4 +0.1
TGL				I	Amb	I	Amb	00 07 05.3
ISLE	Juniper Island	83.92	18	I	Amb	I	Amb	00 07 05.3
HAWA	Hanford	83.98	37	P		P		00 07 06.2 +1.3
HAWA				I	Amb	I	Amb	00 07 06.8
H17K	Granite Mounta	84.04	8	P		P		00 07 04.6 -0.2
PKCU	Pink Cliffs	84.05	48	P		P		00 07 07.5 +1.6
PNL	Peninsula	84.06	19	P		P		00 07 04.3 -0.7
PNL	Peninsula	84.06	19	P		P		00 07 05.1 +0.1
VRDI	Verde Repeater	84.12	17	I	Amb	I	Amb	00 07 06.3

N25K	Chitina, Valde	84.13	16	I	Amb	I	Amb	00 07 06.2
N25K	Chitina, Valde	84.13	16	P		P		00 07 05.5 +0.1
P1NM	Pinna	84.14	19	P		P		00 07 05.4 0.0
TABL	Table Mountain	84.14	18	I	Amb	I	Amb	00 07 06.6
M24K	Tolsona, Glenn	84.15	15	I	Amb	I	Amb	00 07 06.7
M24K	Tolsona, Glenn	84.15	15	P		P		00 07 05.8 +0.3
G16K	Koy River	84.16	7	P		P		00 07 04.9 -0.4
WAT6	Susitna Watana	84.17	14	P		P		00 07 05.2 -0.5
GRNC	Granite Creek	84.20	18	I	Amb	I	Amb	00 07 06.9
WAT1	Susitna Watana	84.20	14	P		P		00 07 05.2 -0.4
GLB	Gilghina Butte	84.20	17	I	Amb	I	Amb	00 07 06.4
J20K	Nowinta River	84.26	11	P		P		00 07 05.5 -0.2
PMSA	Palmer Station	84.31	157	P		P		00 07 06.2 0.0
E08A	Dider Farm, El	84.31	37	P		P		00 07 07.2 +0.7
E08A				I	Amb	I	Amb	00 07 08.3
MCARA	McCarthy VSAT	84.37	17	I	Amb	I	Amb	00 07 07.5
MCARA	McCarthy VSAT	84.37	17	P		P		00 07 06.6 +0.2
MTPU	Mount Pierson	84.42	47	P		P		00 07 08.4 +0.7
X18A	Snowlake	84.44	51	P		P		00 07 07.9 +0.2
H18K	Honhosa River	84.47	9	P		P		00 07 07.2 +0.4
G17K	Kiwalik Mounta	84.48	8	P		P		00 07 06.5 -0.3
CTG	China Glacier	84.51	18	P		P		00 07 07.3 0.0
CTGM	China Glacier	84.51	18	I	Amb	I	Amb	00 07 08.3
P29M	Windy Craggy	84.56	20	I	Amb	I	Amb	00 07 09.1
P29M	Windy Craggy	84.56	20	P		P		00 07 08.2 +0.8
MVU	Marysvalde	84.61	47	P		P		00 07 09.4 +0.9
MVU				I	Amb	I	Amb	00 07 10.4
MFID	Canas Ranch	84.62	41	I	Amb	I	Amb	00 07 10.1
RND	Reindeer	84.64	13	I	Amb	I	Amb	00 07 08.4
MSU	Marysvalde	84.64	47	P		P		00 07 09.2 +0.6
HPG	Denali Highway	84.65	60	P		P		00 07 09.0 +0.1
DHY	Denali Highway	84.69	14	P		P		00 07 07.8 -0.3
O28M	Mount Upton	84.69	18	P		P		00 07 08.4 +0.1
D08A	Wollman Farm,	84.70	37	P		P		00 07 08.9 +0.5
D08A				I	Amb	I	Amb	00 07 10.1
I20K	Naaghedene	84.76	11	P		P		00 07 09.4 +1.2
I20K				I	Amb	I	Amb	00 07 53.8
BPAW	Bear Paw Mtn.	84.79	12	P		P		00 07 08.8 +0.3
O29M	Mount Kennedy	84.82	19	P		P		00 07 09.0 +0.2
E09A	Wood Farm, Sta	84.85	38	P		P		00 07 08.8 -0.3
E09A				I	Amb	I	Amb	00 07 10.7
W18A	Petrified Fore	84.86	51	P		P		00 07 10.0 +0.3
W18A	Petrified Fore	84.86	51	P		P		00 07 09.6 -0.1
PLCB	Pleasant Camp	84.89	21	P		P		00 07 09.5 +0.5
MCK	McKinley	84.90	13	P		P		00 07 08.3 -0.7
MCK	McKinley	84.90	13	P		P		00 07 08.4 -0.5
PAX	Paxon	85.05	15	P		P		00 07 09.0 -0.8
PAX	Paxon	85.05	15	P		P		00 07 09.3 -0.5
F10A	Beach Ranch, E	85.10	38	I	Amb	I	Amb	00 07 12.2
H19K	Roundabout Mou	85.11	10	P		P		00 07 09.4 -0.5
H19K	Roundabout Mou	85.11	10	P		P		00 07 09.2 -0.6
G18K	Tagagawik	85.12	9	P		P		00 07 09.4 -0.6
G18K	Tagagawik	85.12	9	P		P		00 07 08.9 -1.1
B08A	Col. Reser	85.19	36	I	Amb	I	Amb	00 07 11.7
P30M	Million Dollar	85.19	20	P		P		00 07 11.3 +0.8
M26K	Nabesna, AK	85.21	16	P		P		00 07 10.4 -0.1
121A	Cookes Peak, D	85.22	54	P		P		00 07 12.6 +1.2
YUK8	Steele Glacier	85.22	18	P		P		00 07 11.0 +0.1
SKAG	Skagway	85.24	21	P		P		00 07 11.4 +0.8
H20K	Anotieneega Mo	85.33	10	P		P		00 07 11.4 +0.5
T35M	Bob Quinn	85.34	25	P		P		00 07 12.1 +0.8
YUK6	Outpost Mounta	85.38	19	P		P		00 07 11.6 0.0
HMU	Henry Mountain	85.39	48	P		P		00 07 12.6 +0.4
YUK3	Moose Creek	85.41	18	P		P		00 07 11.9 +0.2
M27K	Edge Creek, AK	85.48	17	P		P		00 07 12.4 +0.5
HLID	Hailey	85.59	42	P		P		00 07 13.8 +0.9
HLID				I	Amb	I	Amb	00 07 15.1
YUK4	Talbot Arm	85.61	19	P		P		00 07 13.1 +0.5
S34M	Telegraph Cree	85.65	24	P		P		00 07 13.8 +1.2
F18K	Selawik	85.65	8	P		P		00 07 11.8 -0.6
MLY	Manley	85.67	12	P		P		00 07 12.3 -0.4
MLY	Manley	85.67	12	P		P		00 07 12.2 -0.4
TMUT	Trail Mountain	85.68	46	I	Amb	I	Amb	00 07 16.9
K24K								

7d 0h

Table with columns: ID, Name, Time, Az, El, P, Q, U, V, W, X, Y, Z, etc. Includes entries like K29M Barlow Dome, FARO Faro, PZH PanZhihua, etc.

2013 SEP

Table with columns: ID, Name, Time, Az, El, P, Q, U, V, W, X, Y, Z, etc. Includes entries like KURBB Kurchatov Arr, KURBB Kurchatov Arr, KURBB Kurchatov Arr, etc.

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Table with columns: Code, Station Name, Az, El, P, Q, U, V, W, X, Y, Z, etc. Includes entries like FETA Feichting, ESCD Seneca Array, DBIC Dimboko, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GNI, BELG, KVAR, SONMI, AKASG, MLR, FINES, ARCES, HFS, NB2, NOA, ESDC, TORD, ILAR, WRA, ASAR.

IDC 07 00:27:46.2-1.8, 4.07S<128.08E, h0km, mb3.5/2, mbtm3.4/3, ML3.2/1, MS3.0/1, Error ellipse: s-maj=130.6km s-min=28.8km az=73.0, Banda Sea

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

TAP 07 00:31:57.5, 24.88N, 122.21E, h117km, ML3.7, C JMA 07 00:31:58.0, 0.3, 25 N, 1.1, 122.2E, 0.6, h109km, 2km, MV2.5/12, TAIWAN REGION

ISC 07 00:31:57.4-1.4, 24.87N, 0.04, 122.21E, 0.03, h119km, 7km, n117, 0.076/209, Taiwan region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TWB1, EGS, TIPB, SX11, TWC, ILA, NWF, WFSB, ESOA, ESO2, TNOU, NDS, TWE, FUSB, EWUT, TWA, ESO3, ENA, ENTT, ENTT, NHDH, YMO1, YMO1, YMO1, YMO8, YMO8, YMO8, NWLTL.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NWLT, TATO, INDY, NDT, TWY, EAHA, EAHA, EHP, LATG, LATG, NTST, NTST, EOSA, EOSA, TWS1, TWS1, PCYT, YHNB, YHNB, YHNB, YOJ, YOJ, YOJ, NNSB, NNSB, NNS, NNS, ETL, ETL, NACB, NACB, NACB, ETLH, ETLH, NCUH, NCUH, TWD, TWD, NFF, NFF, HWA, HWA, FUSS, FUSS, LIOB, LIOB, ETL, ETL, LXIB, LXIB, SBCB, SBCB, WHF, WHF, NSTT, NSTT, NSTT, NSTT, TWT, TWT, TDCB, TDCB, TEYL, TEYL, SHUL, SHUL, CHGB, CHGB, ESL, ESL, WHP, WHP, WHP, WHP, TEGC, TEGC, OWD, OWD, WUSB, WUSB, NMLH, NMLH, WARBT, WARBT, WARBT, WARBT, EGFH, EGFH.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NSY, NSY, TWQ1, TWQ1, WCS, WCS, WVDT, WVDT, WVDT, WVDT, IRIF, IRIF, WDJ, WDJ, WDJ, WDJ, HGSD, HGSD, HGSD, TYC, TYC, SSLB, SSLB, SSLB, EHY, EHY, EHY, HATJ, HATJ, YULB, YULB, YULB, YULB, WHYT, WHYT, WHYT, WNT, WNT, WNT, EYUL, EYUL, EYUL, TWF1, TWF1, TWF1, JKRS, JKRS, JKRS, CHKH, CHKH, JIJ, JIJ, FULB, FULB, FULB, ALS, ALS, ALS, CHNS, CHNS, CHNS, WGG, WGG, WGG, CHKT, CHKT, CHKT, WDLH, WDLH, WDLH, WDLH, JISG, JISG, ELDTW, ELDTW, ELDTW, WTK, WTK, WTK, WCKO, WCKO, WCKO, EDH, EDH, EDH, EDH, CHY, CHY, TPUB, TPUB, TPUB, TPUB, WTP, WTP, LONT, LONT, JTJ, JTJ, LDUT, LDUT, TWGBT, TWGBT, SLGT, SLGT, MATB, MATB, VWUC, VWUC, MASBT, MASBT, PNG, PNG, PHUB, PHUB, PTMZ, PTMZ, WDGJ, WDGJ, LYUB, LYUB.

IDC 07 00:37:42.7-2.4, 6.96N, 127.50E, h0km, mb3.6/5, s-min=20.5km az=67.0, Philippine Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZUMB Zumba, ALU1 Ecuador-Loja-U, CZSB Cruzeiro do Su, etc.

NEIC 07 00:45:38.9±1.3, 17.7S; 0.2:179.58W; 0.06, h660km, 10km, mb4.4/24, Error ellipse: s-maj=25.2km s-min=5.7km az=163.0
IDC 07 00:45:39.0±0.9, 17.90S; 179.71W, h652km, 9km, mb3.4/8, mbtmp4.4/10, Error ellipse: s-maj=26.3km s-min=15.9km az=154.0

ISC 07 00:45:38.6±0.5, 17.85S; 0.1:179.61W; 0.08, h650km, n43, c=083/45, mb4.4/21, 3C, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsava, AFI Afiamalu, PIINE Niue, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, WIZ White Island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NRN Naryn, KDJ Kajisay, SFK Sufi-Kurgan, etc.

SOME 07 01:01:23.2, 39.58N; 76.88E, h5km
KRNET 07 01:01:24.0, 1.0, 39.45N; 76.74E, mb3.4
NNC 07 01:01:26.2, 1.0, 39.66N; 76.89E, h0km, mb4.1, mpv3.7
Error ellipse: s-maj=7.3km s-min=5.9km az=155.0
ISC 07 01:01:25.4±1.3, 39.59N; 0.06:76.85E; 0.04, h10km, n78, c=242/121, 31C-23D, Southern Xinjiang

2018 SEP

7d 1h

Table with 5 columns: Station Name, Time, Res, Phase ID, ISC. Includes stations like K29M, E27K, N32M, BVAR, NVAR, PDAR, TORD.

ISC 07:01:45:08.2, 0.0, 20.27N:35.25E, h5km, ML3.3/24 AFAD 07:01:45:09.0, 0.0, 40.30N:35.20E, h5km, mb2.5/4, Central Turkey Magtype MSH 2.9 from 2 stations

ISC 07:01:45:09.3, 1.0, 40.26N:0.02:35.24E:0.02, h5km, 9km, n53, s:18/81, Turkey

Main station list table with columns: Code, Station Name, Lat, Az, Phase ID, Time, Res, ISC. Lists numerous stations across Turkey and the region.

MOS 07:01:47:21.5:0.7, 7.99N:77.66W, h15km, mb5.8/50, M55.0/6, Error ellipse: s-maj=7.7km s-min=5.6km az=91.8 BGR 07:01:47:22.6, 7.96N:77.47W, h10km, mb5.5, M55.4 UCR 07:01:47:22.9, 1.8, 8.05N:77.59W, h10km, mb5.4 (NEIC) VAO 07:01:47:22.0, 2.7, 7.79N:77.52W, h10km, mb5.4 NEIC 07:01:47:23.0, 0.5, 8.05N:77.60W, h22km RNSC 07:01:47:23.0, 0.8, N=2.7, W=7.9, h4km, 3km, m5.3, mb6.1, mb6.0, ML4.8, Mw(mb)5.7, Mw(Mwp)3.9, Mwp4.4 UPA 07:01:47:23.0, 0.5, 8.02N:77.57W, h10km, 2km, MW5.6 NEIC 07:01:47:23.2, 1.3, 8.05N:0.06:77.60W:0.06, h10km, 1km, mb5.6/835, Mw5.4/9, Error ellipse: s-maj=11.1km s-min=7.7km az=227.0 NEIC 07:01:47:23.5, 8.15N:77.50W, h22km, Moment Tensor Solution. Duration: 266 Moment tensor: Scale 10^17Nm; M=1.71, Mw=1.00; Mw=0.33; Mw=0.63; Mw=0.97; Fault plane solution: Mo:1.84000x10^17 Np1:27.57000, s55.05000, l63.87000. Principal axes: T:2.1354, Plg67.0000, Azm244.0000; N:-0.5887, Plg21.0000, Azm43.0000; P:-1.5467, Plg8.0000, Azm136.0000; CATAC 07:01:47:24.7, 1.1, 8.10N:77.56W, h19km, 9km, MB6.0, mb5.9, ML6.2 GGMT 07:01:47:26.2, 0.3, 8.05N:0.02:77.54W:0.03, h22km, 1km, MW5.5/78, Moment Tensor Solution. s18:24, s78:31, 2km

Duration: 1s3 Moment tensor: Scale 10^17Nm; M=1.94; Mw=1.15; Mw=1.34; Mw=0.60; Mw=0.50; Mw=0.50; Mw=0.75; Mw=0.76; Mw=0.76; Mw=0.76; Mw=0.76; Best double couple; M2:0.7900x10^17 Np1:48.00000, s58.00000, l80.00000; Np2:36.2470000, s84.00000, l105.00000; Principal axes: T:2.1760, Plg75.0000, Azm290.0000; N:-0.1950, Plg9.0000, Azm54.0000; P:-1.9810, Plg12.0000, Azm146.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function IDC 07:01:47:26.2, 1.6, 7.99N:77.61W, h41km, 14km, mb4.9/25, m1m5.2/32, ML4.3/36, Mw1.8/21 Error ellipse: s-maj=13.0km s-min=8.8km az=48.0 ISC 07:01:47:27.3, 0.5, 7.95N:0.02:77.58W:0.02, h13km, 2km, h13km, P-P, n1508, s1931/1317, mb5.6/515, M55.0/24, 41C-35D, Panama-Colombia border region

Main station list table with columns: Code, Station Name, Lat, Az, Phase ID, Time, Res, ISC. Continuation of station list from the previous table.

Main station list table with columns: Code, Station Name, Lat, Az, Phase ID, Time, Res, ISC. Continuation of station list from the previous table.

Table with columns: SDV, S, Sn, 01 50 17.9 -4.9, HLGCG, Holguin, 12.95, 6 eP, Pn, 01 50 28.7 +2.6, 01 50 33.3, Y57A, Sumter, 26.07 355, Iamb, Iamb, 01 53 04.7

Table with columns: HLGCG, Holguin, 12.95, 6 eP, Pn, 01 50 28.7 +2.6, 01 50 33.3, Y57A, Sumter, 26.07 355, Iamb, Iamb, 01 53 04.7

Table with columns: Y57A, Sumter, 26.07 355, Iamb, Iamb, 01 53 04.7, Y52A, Lilburn, 26.48 348, Iamb, Iamb, 01 53 01.7, X58A, Rowland, 26.53 357, Iamb, Iamb, 01 53 10.3

7d 1h

2018 SEP

Table with columns for station name, frequency, mode, and signal strength. Includes stations like TXAR, ACSSO, SSPA, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like SJPY, SDCO, PCMB, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PDAR, PSUT, ELS, etc.

7d 1h

2018 SEP

KK31	baz=246 Kararay Array comp=Z,23nm,1.1s	68.39 311	I	Amb	02 02 15.6
KKAR	Kararay Array	68.39 311	P		02 02 14.3 -0.2
KKAR	Kararay Array comp=Z,23nm,1.1s	68.39 311	I	Amb	02 02 15.6
F21K	Alatna River	68.52 22	P		02 02 15.3 +0.4
BPAW	Bear Paw Mtn. baz=254	68.55 26	P		02 02 15.2 +0.1
C21K	Knifeflade Rid baz=249	68.74 20	P		02 02 16.6 +0.4
E21K	Killik River	68.76 21	P		02 02 16.6 +0.2
BRLS	Borolday	68.88 311	eP		02 02 17.8 +0.2
H22K	Ishaitina Cre baz=311	68.90 24	P		02 02 17.7 +0.4
MLY	Manley	68.91 25	P		02 02 17.8 +0.4
MLY	comp=Z,27nm,1.1s	68.91 25	I	Amb	02 02 18.7
MLY	Manley	68.91 25	P		02 02 17.6 +0.2
PWL	Port Wells	68.96 29	P		02 02 17.3 -0.4
B21K	Ikpikpuk River baz=258,SNR=7.7	68.97 20	I	Amb	02 02 19.0
B21K	Ikpikpuk River comp=Z,22nm,1.0s	68.97 20	P		02 02 17.9 +0.3
KNK	Knik Glacier	69.02 29	P		02 02 18.0 -0.1
F22K	John River	69.09 22	P		02 02 18.8 +0.4
G22K	Bettles	69.16 23	P		02 02 18.9 +0.1
SML	Sawmill	69.17 28	P		02 02 18.8 -0.3
P23K	Montague Islan baz=259	69.24 30	P		02 02 19.5 +0.1
WAT1	Susitna Watana	69.29 27	P		02 02 19.1 -0.7
BVAR	Borovoye Array comp=Z,32nm,0.8s,baz=103,slow=6.7,SNR=101	69.30 322	P		02 02 19.8 -0.2
MCK	McKinley	69.34 26	P		02 02 19.3 -0.7
D22K	Aiyikyak River baz=251	69.36 21	P		02 02 20.7 +0.7
BRVK	Borovoye	69.36 322	P		02 02 20.3 -0.1
BRVK	Borovoye	69.36 322	P		02 02 20.0 -0.3
BRVK	Borovoye	69.36 322	P		02 02 20.2 -0.1
BRVK	Borovoye	69.36 322	PcP		02 02 41.6 -1.3
A22K	Sinclair Lake	69.37 18	P		02 02 20.6 +0.6
SI2K	Simiganj	69.41 307	P		02 02 21.0 -0.1
SI2K	Simiganj	69.41 307	P		02 02 20.8 -0.3
E22K	Anaktuvuk Pass comp=Z,23nm,1.0s	69.42 21	I	Amb	02 02 22.2
E22K	Anaktuvuk Pass baz=252	69.42 21	P		02 02 21.0 +0.5
KBL	Kabul	69.43 302	P		02 02 20.8 -0.6
KBL	comp=Z,24nm,1.1s	69.43 302	I	Amb	02 02 23.1
KBL	Kabul SNR=5.4	69.43 302	P		02 02 20.8 -0.6
M23K	Glacier View baz=258	69.44 28	P		02 02 20.6 0.0
NEA2	Nenana	69.49 25	P		02 02 21.1 +0.2
I23K	Minto, Yukon-K baz=255	69.51 25	P		02 02 21.4 +0.4
GL1	Glacier Island	69.56 29	P		02 02 21.1 -0.3
WAT6	Susitna Watana baz=258,SNR=6.4	69.60 28	P		02 02 21.4 -0.5
H23K	Yukon River	69.61 24	I	Amb	02 02 23.2
H23K	Yukon River comp=Z,15nm,0.9s	69.61 24	P		02 02 22.1 +0.5
B22K	Teshkepuk Lake baz=250	69.61 19	P		02 02 21.8 +0.3
SCM	Sheep Creek Mo comp=Z,15nm,1.0s	69.64 28	I	Amb	02 02 23.0
SCM	Sheep Creek Mo baz=258	69.64 28	P		02 02 22.0 0.0
G23K	Bananza Creek baz=254,SNR=5.8	69.66 23	P		02 02 22.7 +0.7
Q23K	Middleton Isla baz=260	69.66 31	P		02 02 22.2 +0.3
COLD	Coldfoot	69.74 23	P		02 02 22.9 +0.5
DHY	Denali Highway baz=258	69.87 27	P		02 02 23.8 +0.3
D23K	Nanushuk River comp=Z,25nm,1.1s	70.07 21	I	Amb	02 02 26.7
D23K	Nanushuk River baz=253	70.07 21	P		02 02 25.4 +1.0
EYAK	Cordova Ski Ar baz=260	70.15 30	P		02 02 25.1 +0.1
E23K	Chandalar baz=254,SNR=9.0	70.19 22	P		02 02 26.2 +1.0
M24K	Tolsona, Glenn baz=259	70.22 28	P		02 02 25.8 +0.3
H24K	Klutina	70.23 29	P		02 02 25.8 +0.2
KLU	Noodor Dome baz=256	70.28 24	P		02 02 26.2 +0.5
POKR	Poker Plat Res baz=257	70.29 25	P		02 02 26.1 +0.3
HDA	Harding Lake baz=258	70.34 26	P		02 02 24.7 -1.4
C23K	Itkillik River baz=252,SNR=6.7	70.36 20	P		02 02 26.7 +0.7
TOLK	Toolik Lake Re comp=Z,20nm,1.1s	70.36 21	I	Amb	02 02 28.1
TOLK	Toolik Lake Re baz=254	70.36 21	P		02 02 27.0 +0.7
IL31	comp=Z,50nm,1.8s	70.44 25	I	Amb	02 02 58.3
ILAR	Eielson Array comp=Z,6.7nm,0.7s,baz=249,slow=5.9,SNR=49	70.44 25	P		02 02 25.2 -1.5
E24K	Your Creek baz=255	70.60 22	P		02 02 28.3 +0.6
G24K	Hadweenzic Riv comp=Z,16nm,1.1s	70.64 23	I	Amb	02 02 29.6
G24K	Hadweenzic Riv baz=257	70.64 23	P		02 02 28.3 +0.5
F24K	Squaw Lake baz=256,SNR=6.1	70.68 22	P		02 02 29.0 +0.8
PAX	Paxson	70.70 27	P		02 02 28.4 -0.1
KAIM	Kayak Island comp=Z,17nm,0.8s	70.71 31	I	Amb	02 03 09.1
KAIM	Kayak Island baz=262,SNR=7.0	70.71 31	P		02 02 29.0 +0.6
K24K	Donnelly Dome baz=259	70.72 27	P		02 02 29.0 +0.5
HARP	HAARP	70.75 28	P		02 02 28.9 +0.3
D24K	Happy Valley baz=254	70.76 21	P		02 02 29.3 +0.7
BMRM	Bremner River baz=261	70.77 30	P		02 02 29.0 +0.1
N25K	Chitina, Valde baz=261	70.88 29	P		02 02 29.6 +0.1
C24K	Franklin Bluff baz=254	70.96 20	P		02 02 30.3 +0.5
J25K	Salcha River, baz=259	71.05 26	P		02 02 30.4 0.0
RIDG	Independent Riv baz=260,SNR=5.9	71.12 27	P		02 02 31.0 +0.1
G25K	Bearman Lake baz=258	71.19 23	P		02 02 32.0 +0.8
H25K	Birch Creek baz=258	71.19 24	P		02 02 31.8 +0.6
GLB	Gilahina Butte comp=Z,22nm,1.4s	71.22 29	I	Amb	02 02 33.5
CRQE	Cirque baz=263	71.47 30	P		02 02 33.5 +0.3
SCRK	Sand Creek baz=261	71.53 26	P		02 02 33.3 -0.2
F25K	Christian Rive baz=258,SNR=6.1	71.53 29	P		02 02 34.1 +0.8
MCARA	McCarthy VSAT baz=262	71.59 29	P		02 02 34.0 +0.3
D25K	Kavik River comp=Z,22nm,1.0s	71.65 21	I	Amb	02 02 35.6

D25K	Kavik River baz=257	71.65 21	P		02 02 34.5 +0.5
L26K	Log Cabin Wild baz=262,SNR=6.7	71.67 28	P		02 02 34.5 +0.3
M26K	Nakina, AK baz=262	71.74 28	P		02 02 34.9 +0.3
J26L	Joseph Creek baz=261,SNR=6.3	71.80 26	P		02 02 34.7 -0.3
I26K	Coal Creek Min baz=259	72.10 25	P		02 02 35.9 -0.7
F26K	Sheenjek River comp=Z,16nm,0.9s	72.12 23	I	Amb	02 03 11.1
F26K	Sheenjek River baz=259,SNR=5.9	72.12 23	P		02 02 37.6 +0.9
G26K	Porcupine Rive baz=260,SNR=5.7	72.12 23	P		02 02 37.6 +0.9
M27K	Edge Creek, AK baz=262	72.25 28	P		02 02 38.1 +0.3
C26K	Camden Bay baz=258	72.28 20	P		02 02 38.8 +1.2
CTG	Chitna Glacier baz=264	72.35 30	P		02 02 39.2 +0.7
L27K	Beaver Creek, baz=263	72.36 28	P		02 02 38.8 +0.5
K27K	Chicken baz=262	72.37 27	P		02 02 39.0 +0.7
C27K	Jago River	72.64 21	P		02 02 40.5 +0.7
I27K	Kandik River baz=262	72.78 25	P		02 02 41.0 +0.2
PINM	Pinnacle	72.81 31	P		02 02 41.4 +0.3
YUK3	Moose Creek baz=265,SNR=7.0	72.85 29	P		02 02 42.0 +0.6
EGAK	Eagle baz=263	72.86 26	P		02 02 41.7 +0.5
O28M	Mount Upton baz=265	72.89 30	P		02 02 42.4 +0.6
H27K	Steamboat Moun baz=262,SNR=9.6	72.90 24	P		02 02 42.4 +0.9
G27K	Doy Strip baz=262	72.93 24	P		02 02 42.3 +0.7
YUK8	Steele Glacier baz=265	73.14 30	P		02 02 43.9 +0.7
E27K	Coleen River baz=262	73.15 22	P		02 02 43.8 +0.1
PNL	Peninsula baz=266	73.20 31	P		02 02 43.6 +0.3
I28M	Miner Creek	73.45 25	P		02 02 45.2 +0.4
D27M	Malcolm River baz=262	73.53 21	P		02 02 45.9 +0.8
DAWY	Dawson baz=265,SNR=5.5	73.55 27	P		02 02 45.8 +0.5
O29M	Mount Kennedy baz=267,SNR=5.1	73.66 31	P		02 02 47.1 +1.1
YUK4	Talbot Arm baz=266,SNR=6.2	73.68 30	P		02 02 47.5 +1.1
F28M	Old Crow baz=263	73.72 23	P		02 02 46.9 +0.7
YUK6	Outpost Mounta baz=267	73.80 30	P		02 02 47.6 +0.6
M29M	Somme Creek baz=266,SNR=8.3	73.84 28	P		02 02 48.0 +0.9
E28M	Babbage River comp=Z,40nm,1.4s	73.96 22	I	Amb	02 03 27.0
E28M	Babbage River baz=264	73.96 22	P		02 02 48.6 +1.0
L29M	L29M	74.04 28	P		02 02 49.4 +1.2
P29M	Windy Craggy comp=Z,38nm,1.8s	74.04 31	P		02 02 49.2 +0.9
I29M	Ogivilie Camp, baz=266,SNR=5.5	74.12 25	P		02 02 49.3 +0.3
H29M	Whitestone baz=265	74.17 24	P		02 02 49.3 +0.5
K29M	Barlow Dome comp=Z,16nm,0.8s	74.36 27	I	Amb	02 02 51.9
K29M	Barlow Dome baz=267,SNR=10	74.36 27	P		02 02 50.9 +0.8
G29M	Pine Creek comp=Z,17nm,0.9s	74.36 24	I	Amb	02 02 51.9
G29M	Pine Creek baz=265,SNR=5.1	74.36 24	P		02 02 50.9 +0.9
N30M	Aishikik Lake baz=268,SNR=5.5	74.44 29	P		02 02 51.2 +0.7
P30M	Million Dollar baz=268	74.45 31	P		02 02 51.5 +0.9
E29M	Blow River baz=269	74.54 22	P		02 02 51.9 +1.1
M30M	Minto, Yukon baz=268,SNR=6.1	74.62 28	P		02 02 52.2 +0.7
PLBC	Pleasant Camp baz=269	74.74 32	P		02 02 52.8 +0.6
S31K	Pelican baz=269	74.78 33	P		02 02 52.2 -0.3
EPYK	Eagle Plains baz=267	74.84 24	P		02 02 53.2 +0.4
O30N	Mendenhall baz=269	74.90 30	P		02 02 53.6 +0.4
J30M	Hart River baz=268,SNR=6.2	74.92 26	P		02 02 54.0 +0.7
I30M	Mount Dempster baz=267	74.92 26	P		02 02 53.7 +0.3
HRA	Herat comp=Z,23nm,1.1s	75.04 302	I	Amb	02 02 55.8
N31M	Braeburn, Yuko baz=269	75.07 29	P		02 02 54.6 +0.5
G30M	TAoh Zraii Nji comp=Z,20nm,1.1s	75.08 24	I	Amb	02 02 55.2
G30M	TAoh Zraii Nji baz=267,SNR=5.7	75.08 24	P		02 02 54.0 -0.1
SKAG	Skaway baz=270	75.27 32	P		02 02 55.8 +0.6
SIT	Sitka baz=270	75.27 34	P		02 02 55.8 +0.5
F30M	Barrier River baz=267	75.28 23	P		02 02 55.7 +0.5
WHY	Whitehorse baz=270,SNR=5.5	75.50 30	P		02 02 57.3 +0.6
S32K	Killsnoo baz=271	75.67 34	P		02 02 58.1 +0.5
R32K	Eaglecrest baz=271	75.69 33	P		02 02 58.4 +0.7
M31M	Drury Creek, Y baz=270,SNR=5.1	75.73 29	P		02 02 58.2 +0.3
ABKAR	Akbulak array baz=275,SNR=6.2	75.75 318	P		02 02 57.6 -0.5
ABKAR	Akbulak array comp=Z,16nm,0.9s	75.75 318	I	Amb	02 02 58.6
H31M	Peel River	75.79 25	P		02 02 58.3 +0.1
G31M	Satah River baz=269,SNR=5.2	75.84 24	P		02 02 58.5 +0.2
F31M	Tsighthtic baz=269	76.06 23	P		02 03 00.2 +0.7
P32M	Atlin baz=271	76.09 31	P		02 03 00.5 +0.5
INK	Inuvik baz=269	76.15 22	P		

Table with columns: Station ID, Name, Location, Time, Elevation, Wind, Temp, Humidity, etc. Includes stations like GUAO1, NANO1, CAM01, RLO, POST, U38A, MGMO, Q52A, LL02, LL02, LL02, RIB01, RIB01, WMOK, WMOK, WMOK, WMOK, ALF01, FVM, P57A, P53A, NBLA, CCM, CCM, CCM, MCWV, P52A, P52A, P52A, BLO, P61A, P49A, P49A, P49A, SLM, MNTX, MVL, R04A, R04A, O53A, O53A, ABR01, ABR01, ACSO, ACSO, AMTX, AMTX, O48B, O48B, SSPA, SSPA, SSPA, P43A, RCBR, RCBR, RCBR, RCBR, N51A, N51A, SFIN, SFIN, M57A, COYC, COYC, COYC, SRIG, SRIG, M53A, M53A, M50A, HSIG, HSIG, KSPA, ALLY, P38A, M63A, 121A, 121A, N41A, ERPA, L56A, AY02.

Table with columns: Station ID, Name, Location, Time, Elevation, Wind, Temp, Humidity, etc. Includes stations like KSU1, M65A, M65A, L48A, BINY, BINY, L59A, WVN1, AAM, L46A, Y22D, Y22D, K57A, L61B, L61B, L44A, L44A, HRV, HRV, HRV, HRV, ANMO, ANMO, ANMO, ANMO, CBKS, J55A, L40A, J57A, N35A, K43A, ACCN, TUC, TUC, TUC, TUC, SCIA, PECO, JFWS, JFWS, NCB, H45A, DELO, LBNH, X18A, L34A, 214A, 214A, SDCO, SDCO, SADO, SADO, SADO, LONY, LONY, PIX, PIX, W18A, W18A, W18A, GLMI, S22A, S22A, S22A, X16A, SFX, SFX, Q24A, Q24A, Q24A, MNT0, G62A, G62A, MVCO, 113A, PKME, PKME, ECSD, ECSD, ECSD, CPBX, G62A, G62A, COWI, BLYC, YUH.

Table with columns: Station ID, Name, Location, Time, Elevation, Wind, Temp, Humidity, etc. Includes stations like YUH, CCX, RMX, U15A, N23A, N23A, LMN, W13A, TKX, D62A, E38A, O20A, LMQ, KNB, TPFO, TPFO, PFO, PFO, PFO, PFO, SRU, LCMT, BATG, MG04, P17A, CCUT, TMUT, ELS, RDMU, GO10, TCRU, K22A, EYMN, EYMN, SHPR, RSSD, RSSD, RSSD, RSSD, BSUT, PRN, MG03, PSUT, NLU, JLU, SNCC, EFI, EFI, EFI, EFI, TPNV, TPNV, WCT, S11A, DUG, AGMN, AGMN, BW06, PD31, PDAR, PDAR, PDAR, PDAR, PDAR, R11B, R11B, Q12A, HWUT, ISA, SPUT, BGU, MG01, AHID, AHID, AHID, AHID, LOHW, TPWA, Q09A, ELK, ELK, IMW, NV11, ULM, ULM, ULM.

ULM	Lac du Bonnet	54.34 347	↓P	P	02 21 18.5	-1.5
OMMB	Old Mammoth Mi	54.35 321	I Amb	I Amb	02 21 23.4	
RLMT	Red Lodge	54.39 334	I Amb	I Amb	02 21 22.6	
RLMT	Red Lodge	54.39 334	↓P	P	02 21 20.9	+0.1
LAO	LASA Array	54.39 337	↓P	P	02 21 20.7	+0.2
NVAR	Mina Array Bea	54.42 322	↓P	P	02 21 22.3	+1.2
NVAR	Mina Array Bea	54.42 322	↓P	P	02 21 21.9	+0.8
NVAR	comp=Z,210nm,0.9s,baz=139,slow=6.8,SNR=658		PcP	PcP	02 22 23.9	+0.3
NVAR	comp=Z,16nm,0.5s,baz=210,slow=28,SNR=8.1		ScP	ScP	02 26 13.1	+0.7
NVAR	comp=Z,8.6nm,1.2s,baz=129,slow=5.3,SNR=3.3		LR	LR	02 44 07.6	
LHV	Little Huntton	54.43 322	I Amb	I Amb	02 21 23.6	
LKWY	Lake	54.47 333	I Amb	I Amb	02 21 24.4	
LKWY	Lake	54.47 333	↓P	P	02 21 22.8	+1.4
YMP	Mirror Lake P1	54.49 333	I Amb	I Amb	02 21 34.4	
YFT	Old Faithful	54.58 332	I Amb	I Amb	02 21 25.7	
DRLN	Deer Lake	54.60 17	I Amb	I Amb	02 21 23.4	
DRLN	Deer Lake	54.60 17	↑P	P	02 21 21.9	0.0
YNE	Yellowstone No	54.63 333	I Amb	I Amb	02 21 24.4	
RYN	Ryan	54.68 322	I Amb	I Amb	02 21 25.7	
YHB	Horse Butte	54.98 332	I Amb	I Amb	02 21 27.9	
BBGB	Big Mountain B	55.05 319	I Amb	I Amb	02 21 30.6	
BMN	Battle Mountain	55.06 325	I Amb	I Amb	02 21 27.3	
DGMT	Dagmar	55.15 340	↓P	P	02 21 26.5	+0.6
YERR	Yerriington	55.34 322	I Amb	I Amb	02 21 30.6	
SAO	San Andreas Ge	55.42 319	I Amb	I Amb	02 21 31.7	
SAO	San Andreas Ge	55.42 319	↓P	P	02 21 28.6	+0.5
HLID	Hailey	55.67 329	↓P	P	02 21 32.3	
HLID	Hailey	55.67 329	↓P	P	02 21 30.6	+0.7
BOZ	Bozeman (W)	55.82 333	↓P	P	02 21 31.6	+0.6
EMB	Emerald Bay	56.86 322	I Amb	I Amb	02 21 34.4	
MPK	Empire	56.01 322	I Amb	I Amb	02 21 36.4	
DLMT	Dillon	56.09 332	I Amb	I Amb	02 21 35.1	
AFDM	Forest Hills D	56.39 321	I Amb	I Amb	02 21 37.3	
EGMT	Eagleton	56.88 336	↓P	P	02 21 38.8	+0.4
MCCM	Marconi Confer	57.14 319	I Amb	I Amb	02 21 42.7	
MCCM	Marconi Confer	57.14 319	↓P	P	02 21 41.2	+0.9
WVOR	Wild Horse Val	57.17 326	↓P	P	02 21 41.0	+0.4
SACV	Santiago Islan	57.36 71	P	P	02 21 41.2	-1.1
SACV	Santiago Islan	57.36 71	P	P	02 21 41.4	-0.9
SACV	Santiago Islan	57.36 71	↑P	P	02 21 41.2	-1.1
LDRM	Redding Peak	57.60 322	I Amb	I Amb	02 21 51.1	
HOPS	Hopland Field	57.75 320	I Amb	I Amb	02 21 47.5	
MSO	Missoula	57.80 332	↓P	P	02 21 45.5	+0.5
SCHO	Schefferville	57.81 8	I Amb	I Amb	02 21 45.5	
SCHO	Schefferville	57.81 8	P	P	02 21 44.6	-0.1
SCHO	comp=Z,143nm,0.8s,baz=192,slow=5.3,SNR=95		PcP	PcP	02 22 10.4	-1.1
SCHO	comp=Z,162nm,1.1s,baz=187,slow=6.7,SNR=4.6		PcP	PcP	02 22 39.2	+3.1
RKT	Rikitea	58.04 244	eP	P	02 21 45.7	-1.1
RKT	Rikitea	58.04 244	eP	P	02 21 48.3	+1.5
RKT	Rikitea	58.04 244	ePP	PP	02 23 53.5	-3.1
RKT	comp=Z,5.9nm,27.0s		eS	S	02 29 38.1	-1.7
RKT	comp=Z,7.7um,28.2s		eSS	SS	02 33 33.3	+0.5
RKT	comp=Z,7.7um,28.0s		eLQ	LQ	02 36 20.4	
RKT	comp=Z,4.1um,38.0s		eLR	LR	02 38 55.9	
RKT	comp=Z,7.4um,32.0s		eLR	LR	02 38 58.1	
BMO	Blue Mountains	58.06 329	↓P	P	02 21 46.2	-0.5
F10A	Beach Ranch, E	58.79 330	↓P	P	02 21 52.3	+0.6
YBH	Yreka Blue Hor	59.11 323	I Amb	I Amb	02 21 55.0	
YBH	Yreka Blue Hor	59.11 323	LR	LR	02 47 27.3	
E09A	Wood Farm, Sta	59.62 330	I Amb	I Amb	02 21 59.3	
HUMO	Hull Mountain	59.78 324	↓P	P	02 21 57.8	-0.7
L02F	Cave Junction	59.86 323	I Amb	I Amb	02 22 01.2	
FFC	Flin Flon	59.95 345	P	P	02 21 59.0	-0.5
FFC	Flin Flon	59.95 345	I Amb	I Amb	02 22 00.7	
FFC	Flin Flon	59.95 345	P	P	02 21 59.0	-0.5
FFC	Flin Flon	59.95 345	P	P	02 21 59.0	-0.5
FFC	Flin Flon	59.95 345	P	P	02 21 59.0	-0.5
E08A	Dider Farm, El	60.08 329	I Amb	I Amb	02 22 04.8	
F07A	Phinny Hill Vi	60.13 328	I Amb	I Amb	02 22 03.7	
DBO	Dodson Butte	60.25 324	P	P	02 22 02.2	+0.3
DBO	comp=Z,347nm,1.2s		I Amb	I Amb	02 22 03.1	
HAWA	Hanford	60.25 329	I Amb	I Amb	02 22 03.7	
HAWA	Hanford	60.25 329	↓P	P	02 22 02.2	+0.5
NEW	Newport	60.34 332	LR	LR	02 50 18.2	
NEW	Newport	60.34 332	LR	LR	02 50 18.2	
D08A	Wollman Farm,	60.38 330	I Amb	I Amb	02 22 04.1	
E07A	Sunnyside	60.53 329	P	P	02 22 04.7	+1.1
E07A	comp=Z,495nm,0.9s		I Amb	I Amb	02 22 06.1	
C09A	Chrisman Ranch	60.57 331	I Amb	I Amb	02 22 06.4	
H04A	Detroit Lake	60.59 326	P	P	02 22 04.2	+0.1
H04A	comp=Z,406nm,1.1s		I Amb	I Amb	02 22 05.9	
J01E	Myrtle Point	60.68 324	I Amb	I Amb	02 22 08.5	
MXC	Moxie City	60.77 329	I Amb	I Amb	02 22 08.2	
COR	Corvallis	61.16 325	P	P	02 22 08.9	+1.1
COR	Corvallis	61.16 325	P	P	02 22 09.0	+1.1
COR	comp=Z,2um,1.6s		P	P	02 22 08.9	+1.1
COR	comp=Z,2um,1.6s		eP	P	02 22 08.7	-0.3
TAOE	Nuku Hiva Isla	61.22 261	eP	P	02 24 21.0	-4.0
TAOE	Nuku Hiva Isla	61.22 261	eS	S	02 30 24.7	+3.5
TAOE	comp=Z,2um,25.1s		eSS	SS	02 34 28.9	+5.6
TAOE	comp=Z,8um,32.8s		eLQ	LQ	02 37 49.2	
TAOE	comp=Z,6um,28.0s		eLR	LR	02 40 22.8	
TAOE	Nuku Hiva Isla	61.22 261	P	P	02 22 11.4	+2.4
LTY	Liberty	61.41 329	I Amb	I Amb	02 22 11.3	
B08A	Colville Reser	61.47 331	I Amb	I Amb	02 22 13.2	
LON	Longmire	61.68 328	I Amb	I Amb	02 22 13.3	
FCC	Fort Churchill	62.06 351	I Amb	I Amb	02 22 13.8	

HOPE	Hope Point	62.30 153	P	P	02 22 16.2	+0.9
HOPE	Hope Point	62.30 153	P	P	02 22 16.2	+0.9
HOPE	comp=Z,2um,2.0s		Pmax	Pmax		
HOPE	Hope Point	62.30 153	P	P	02 22 17.1	+1.8
GNW	Green Mountain	62.73 328	I Amb	I Amb	02 22 20.2	
NLWA	Neilton Lookou	63.18 327	I Amb	I Amb	02 22 24.2	
PMSA	Palmer Station	63.26 173	P	P	02 22 23.3	+1.9
PMSA	Palmer Station	63.26 173	LR	LR	02 47 30.3	
PMSA	Palmer Station	63.26 173	eP	P	02 22 22.8	+1.3
PMSA	Palmer Station	63.26 173	eP	P	02 22 23.3	+1.9
PMSA	Palmer Station	63.26 173	eP	P	02 22 50.4	+2.0
PMSA	Palmer Station	63.26 173	eP	P	02 22 23.2	+1.7
CMLA	Cha da Macela	63.40 45	I Amb	I Amb	02 22 25.8	-0.2
CMLA	Cha da Macela	63.40 45	P	P	02 22 22.8	-0.2
CMLA	comp=Z,227nm,0.7s		Pmax	Pmax		
CMLA	comp=Z,227nm,0.7s		Pmax	Pmax		
CMLA	Cha da Macela	63.40 45	P	P	02 22 22.4	-0.5
MBO	M'Bour	63.57 73	P	P	02 22 24.6	+0.2
PGC	Sidney	63.74 329	I Amb	I Amb	02 22 27.6	
BBTS	Babate	64.01 73	LR	LR	02 47 42.2	
H10N3	ASCENSION HYDR64.35	98	P	P	02 22 31.1	+1.8
H10N2	ASCENSION HYDR64.36	98	P	P	02 22 36.4	+7.1
H10N1	ASCENSION HYDR64.37	98	P	P	02 22 31.5	+2.1
ASCN	Ascension	64.49 98	P	P	02 22 30.7	+0.1
ASCN	comp=Z,311nm,0.9s		I Amb	I Amb	02 22 33.7	
OZB	Mount Ozzard	65.00 328	I Amb	I Amb	02 22 36.2	
CBB	Campbell River	65.58 329	I Amb	I Amb	02 22 40.0	
FRB	Frisher Bay	66.34 5	LR	LR	02 53 56.0	
MACI	Morro de la Ar	67.08 58	P	P	02 22 45.6	-1.6
IVI	Ivigtut	67.62 16	I Amb	I Amb	02 23 18.4	
IVI	Ivigtut	67.62 16	iP	P	02 22 49.0	-0.5
IVI	comp=Z,590nm,1.3s		I Amb	I Amb	02 22 50.7	
IVI	Ivigtut	67.62 16	eP	PcP	02 22 49.5	-0.1
IVI	Ivigtut	67.62 16	eP	PcP	02 22 46.4	+0.1
EOSO	Osoorio	67.85 59	P	P	02 22 51.4	-0.5
PMOZ	Porto Moniz, M	68.05 53	↑P	P	02 22 51.3	-0.6
PMOZ	Porto Moniz, M	68.05 53	ePP	PP	02 25 23.8	+0.9
PMOZ	Porto Moniz, M	68.05 53	eS	S	02 21 43.0	+0.7
PMAZ	Madeira	68.05 53	↑P	P	02 22 50.9	-0.9
PMAZ	Madeira	68.05 53	↑P	P	02 22 52.4	-0.8
BBB	Bella Bella	68.25 330	I Amb	I Amb	02 22 56.6	
BBB	Bella Bella	68.25 330	LR	LR	02 53 43.5	
PMPs	Porto Santo	68.62 53	↑P	P	02 22 54.5	-2.0
PMPST	Porto Santo, M	68.62 53	↑P	P	02 22 56.1	-0.4
VAH	Vaihoa	68.86 255	eP	P	02 22 58.5	+0.3
VAH	comp=Z,722nm,1.4s		eS	S	02 31 51.0	-3.4
VAH	comp=Z,8um,24.1s		eLQ	LQ	02 41 03.3	
VAH	comp=Z,3um,25.1s		eLR	LR	02 43 59.5	
VAH	comp=Z,8um,27.0s		eLR	LR	02 22 59.6	-0.1
PMOR	Pomarioiree	69.10 255	eP	P	02 22 59.6	-0.1
PMOR	comp=Z,1um,1.1s		eS	S	02 31 54.5	-2.8
PMOR	comp=Z,4um,23.5s		eLR	LQ	02 41 08.8	
PMOR	comp=Z,2um,25.1s		eLQ	LQ	02 41 08.8	
PMOR	comp=Z,7um,27.8s		P	P	02 44 03.3	
NUUK	Nuuk	69.31 12	iP	I Amb	02 22 59.9	-0.1
NUUK	comp=Z,453nm,1.1s		I Amb	I Amb	02 23 01.4	
HG4B	Hotspring	69.88 329	I Amb	I Amb	02 23 06.6	
YKA	Yellowknife Ar	70.04 343	P	P	02 23 04.0	-0.6
YKA	Yellowknife Ar	70.04 343	P	P	02 23 03.9	-0.7
YKA	comp=Z,121nm,0.9s,baz=136,slow=5.6,SNR=206		LR	LR	02 56 49.3	
YKA	comp=Z,2um,18.6s,baz=136,slow=3.8		LR	LR	02 56 49.3	
YKA	Yellowknife Ar	70.04 343	P	P	02 23 04.0	-0.6
GRNB	Grenville Isle	70.12 331	I Amb	I Amb	02 23 08.1	
TVO	Taravao	70.57 252	eP	P	02 23 08.8	-0.1
TVO	comp=Z,222nm,1.3s		eS	S	02 32 12.6	-2.1
TVO	comp=Z,2um,25.1s		eLQ	LQ	02 41 46.4	
PPTF	Pamatai, Papee	70.86 252	P	P	02 23 13.9	+3.3
PPT	Papeete	70.87 252	P	P	02 23 12.2	+1.6
PPT	comp=Z,68nm,0.8s,baz=81,slow=9.4,SNR=113		LR	LR	02 48 37.7	
PPT	comp=Z,1um,18.1s,baz=72,slow=31		P	P	02 23 07.5	-3.2
PPT2	Papeete2	70.87 252	eP	P	02 23 09.6	-1.1
PPT2	Papeete2	70.87 252	eP	P	02 25 47.2	-1.9
PPT2	comp=Z,893nm,23.8s		eS	S	02 32 16.3	-1.8
PPT2	comp=Z,2um,25.1s		eS	S	02 32 18.1	0.0
PPT2	comp=Z,7um,25.8s		eSS	SS	02 36 49.9	-3.0
PPT2	comp=Z,999nm,28.0s		eLQ	LQ	02 41 55.9	
PPT2	comp=Z,388nm,21.7s		eLQ	LQ	02 41 56.6	
PPT2	comp=Z,3um,24.2s		eLR	LR	02 44 47.2	
PPT2	comp=Z,18um,33.2s		eLR	LR	02 44 48.5	
PPT2	comp=Z,10um,36.2s		eLR	LR	02 44 53.7	
PAE	Paea	70.88 252	eP	P	02 23 08.8	-1.8
PAE	comp=Z,306nm,1.4s		eS	S	02 32 16.8	-1.2
PAE	comp=Z,1um,25.2s		eLQ	LQ	02 41 56.4	
PAE	comp=Z,412nm,23.8s		eLR	LR	02 44 52.6	
DIB	Dawson Inlet,	71.03 329	I Amb	I Amb	02 23 13.5	
H02S	DAWSON IN					

Table with columns: Station ID, Name, Comp, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like N32M Quiet Lake, SKAG Skagway, PFVI Vila Bisbo, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like N30M Manteigas, MTE Manteigas, EBAD Badajoz, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like KHLH Kahului Aipor, G31M Satah River, G31M Satah River, etc.

F24K	Squaw Lake	84.20	339	I	Amb	02 24 26.4
F24K	Squaw Lake	84.20	339	P	P	02 24 24.6 +0.7
R18K	Karluk	84.21	328	P	P	02 24 23.9 0.0
LWBW	Ladybower, Pea	84.23	36	eP	I	02 24 23.5 -0.7
H23K	Yukon River	84.25	337	P	P	02 24 24.0 -0.1
MCD	Coleburn Disti	84.29	32	eP	I	02 24 24.1 -0.2
BPBW	Bear Paw Mtn.	84.31	335	I	Amb	02 24 25.7
BPBW	Bear Paw Mtn.	84.31	335	P	P	02 24 24.2 -0.2
C25T	Estero de Car	84.32	47	I	Amb	02 24 26.3
CEST	Kavik River	84.33	341	I	Amb	02 24 26.4
D25K	Kavik River	84.33	341	P	P	02 24 25.1 +0.6
CWF	Charnwood Fore	84.34	37	eP	P	02 24 24.1 -0.6
EDMD	Edmundbyers	84.39	34	eP	P	02 24 23.7 -1.2
CHIR	Chirikof Islan	84.45	327	I	Amb	02 24 27.2
CHIR	Chirikof Islan	84.45	327	P	P	02 24 26.4 +1.2
CHIR	Chirikof Islan	84.45	327	P	P	02 24 25.6 +0.4
PLLA	Parkeypile	84.48	334	P	P	02 24 25.4 0.0
MLY	Manley	84.48	336	I	Amb	02 24 26.4
MLY	Manley	84.48	336	P	P	02 24 24.9 -0.3
E24K	Your Creek	84.61	339	P	P	02 24 26.5 +0.6
M20K	Styx River	84.63	333	I	Amb	02 24 27.4
M20K	Styx River	84.63	333	P	P	02 24 25.7 -0.5
G23K	Bananza Creek	84.72	338	I	Amb	02 24 28.9
G23K	Bananza Creek	84.72	338	P	P	02 24 27.1 +0.7
Q18K	Katmai Hardscr	84.75	329	P	P	02 24 26.6 -0.3
O19K	Port Alsworth	84.77	331	P	P	02 24 25.7 -1.0
CHUM	Lake Minchumin	84.81	335	P	P	02 24 26.7 -0.1
COLD	Coldfoot	84.95	338	P	P	02 24 28.4 +0.9
H22K	Ishlaltina Cre	84.99	337	P	P	02 24 27.7 -0.1
N19K	Bonanza Creek	84.99	332	I	Amb	02 24 28.9
N19K	Bonanza Creek	84.99	332	P	P	02 24 27.2 -0.8
E23K	Chandalar	85.00	339	P	P	02 24 28.4 +0.6
P18K	Big Mountain,	85.03	330	P	P	02 24 27.3 -0.8
D24K	Happy Valley	85.09	340	P	P	02 24 28.4 +0.2
Q17K	Contact Creek	85.11	329	P	P	02 24 28.6 -0.1
L20K	Farwell, AK	85.12	333	P	P	02 24 28.0 -0.6
O18K	Koktuh Hills	85.12	331	P	P	02 24 28.1 -0.4
TROLL	Troll, Antarti	85.17	162	↑P	P	02 24 30.0 +1.3
TROLL	comp=Z,404nm,0.7s			↑PP	PP	02 27 48.3 +0.9
TROLL	comp=Z,170nm,0.5s			↑PKKPBc	PKKPBc	02 42 33.1 +3.9
TOLK	Toolik Lake Re	85.18	340	P	P	02 24 28.9 +0.3
M19K	Big River Lodg	85.21	333	I	Amb	02 24 30.6
M19K	Big River Lodg	85.21	333	P	P	02 24 28.8 -0.2
PLK4	Peulik 4	85.23	328	I	Amb	02 24 30.9
R17L	Mt. Peulik Vol	85.23	328	P	P	02 24 29.2 +0.1
C24K	Franklin Bluff	85.24	341	P	P	02 24 29.7 +0.8
G22K	Bettles	85.34	338	P	P	02 24 30.2 +0.7
K20K	Telida	85.42	334	P	P	02 24 29.6 -0.4
L19K	White Mountain	85.49	333	P	P	02 24 29.8 -0.6
L19K	baz=104			S	S	02 34 50.6 -2.4
L19K	baz=104			S	S	02 34 50.6 -2.4
H21K	Melozitna Rive	85.49	336	P	P	02 24 29.9 -0.4
H21K	baz=106			S	S	02 34 50.5 -2.4
H21K	baz=106			S	S	02 34 50.5 -2.4
WACR	West Acre	85.50	37	eP	I	02 24 29.6 -0.9
WACR	comp=Z,974nm,1.5s			I	Amb	02 24 32.4
ELSH	Elham, Stander	85.55	38	eP	I	02 24 31.6 +0.8
ELSH	comp=Z,312nm,1.0s			I	Amb	02 24 35.1
SVW2	Sparvevohn	85.58	332	P	P	02 24 30.4 -0.4
P17K	Kvichak River	85.59	330	P	P	02 24 30.7 -0.2
P17K	baz=102			S	S	02 34 52.4 -1.6
P17K	baz=102			S	S	02 34 52.4 -1.6
Q16K	King Salmon	85.59	329	P	P	02 24 30.9 +0.1
Q16K	baz=102,SNR=35			S	S	02 34 52.8 -1.2
ELMS	Elmsett, Ipswi	85.61	38	eP	P	02 24 30.9 -0.2
N18K	Kilae Creek	85.64	331	I	Amb	02 24 32.3
N18K	Kilae Creek	85.64	331	P	P	02 24 30.7 -0.4
N18K	baz=102,SNR=124			S	S	02 34 51.5 -3.0
N18K	baz=102			S	S	02 34 51.5 -3.0
J20K	Nowinta River	85.66	335	P	P	02 24 30.7 -0.4
J20K	baz=104,SNR=283			S	S	02 34 52.2 -2.4
J20K	baz=104			S	S	02 34 52.2 -2.4
D23K	Nanushuk River	85.66	340	I	Amb	02 24 34.7
D23K	comp=Z,321nm,1.0s			P	P	02 24 31.9 +0.9
D23K	Nanushuk River	85.66	340	P	P	02 34 54.2 -0.2
D23K	baz=108,SNR=175			S	S	02 34 54.2 -0.2
DAG	Danmarks Havn	85.69	12	P	P	02 24 29.5 -1.5
DAG	Danmarks Havn	85.69	12	iP	P	02 24 30.4 -0.6
DAG	comp=Z,994nm,1.8s			I	Amb	02 24 32.2
F22K	John River	85.77	338	P	P	02 24 32.5 +0.9
F22K	baz=106			S	S	02 24 36.0 +0.5
TAM	Tamnasasset	85.77	67	I	Amb	02 25 03.8
JMI	Jan Mayen	85.78	18	eP	P	02 24 33.3 +1.8
JMI	comp=Z,3um,1.9s			I	vMBB	02 24 34.5
JMI	comp=Z,3um,1.9s			eP	eP	02 24 59.3 -0.8
JMI	comp=Z,3um,1.9s			eP	eP	02 24 59.3 -0.8
IM18K	Stony River	85.78	332	P	P	02 24 31.1 -0.7
M18K	baz=103			S	S	02 34 52.8 -3.0
CLF	Chambon-Foret	85.80	42	I	Amb	02 25 01.7
E22K	Anaktuvuk Pass	85.81	339	P	P	02 24 32.1 +0.2

E22K	baz=107			S	S	02 34 55.5 -0.5
R16K	Pilot Point	85.86	328	P	P	02 24 32.8 +0.6
R16K	baz=101			S	S	02 34 56.5 -0.1
R16K	baz=101			S	S	02 34 56.5 -0.1
JMIC	Jan Mayen	85.87	18	eP	P	02 24 33.9 +1.9
JMIC	comp=Z,472nm,1.2s			eP	eP	02 25 00.8 +0.3
JMIC	comp=Z,472nm,1.2s			eP	eP	02 24 52.9 -3.4
LRW	Lerwick	85.90	29	eP	P	02 24 32.8 +0.5
C23K	Kitlik River	85.91	341	P	P	02 24 32.9 +0.7
C23K	baz=108,SNR=180			S	S	02 34 56.7 -0.1
JNE	Jan Mayen East	85.94	18	eP	P	02 24 34.4 +2.1
JNE	comp=Z,472nm,1.2s			eP	eP	02 24 52.4 +4.2
I20K	Naaghedeneel	85.95	335	P	P	02 24 32.2 -0.2
I20K	baz=104,SNR=45			S	S	02 34 55.7 -1.6
IMAR	Indian Mountai	85.95	337	P	P	02 24 32.2 -0.4
G21K	Allakaket	86.00	337	P	P	02 24 33.2 +0.5
G21K	baz=105,SNR=351			S	S	02 34 57.9 +0.2
O17K	Kolliganek Bris	86.04	330	P	P	02 24 32.8 -0.2
O17K	baz=101,SNR=124			S	S	02 34 56.1 -2.2
CHGN	Chignik	86.08	327	I	Amb	02 24 34.7
CHGN	comp=Z,472nm,1.2s			P	P	02 24 33.2 -0.1
CHGN	Chignik	86.08	327	P	P	02 24 37.7 -1.1
CHGN	baz=100,SNR=28			S	S	02 34 53.2 -0.1
F21K	Alatina River	86.17	338	I	Amb	02 24 35.9
F21K	Alatina River	86.17	338	P	P	02 24 34.3 +0.7
F21K	comp=Z,661nm,1.6s			S	S	02 34 59.7 +0.2
G23K	Nushagak Hills	86.23	331	P	P	02 24 33.8 -0.2
N17K	baz=101			S	S	02 34 58.1 -2.2
J19K	Poorman	86.25	335	P	P	02 24 33.5 -0.6
J19K	baz=103			S	S	02 34 57.7 -2.5
J19K	baz=103			S	S	02 34 57.7 -2.5
H20K	Anotleneega Mo	86.28	336	P	P	02 24 34.3 +0.1
H20K	baz=104,SNR=274			S	S	02 34 59.5 -1.1
D22K	Aiyikyak River	86.33	340	I	Amb	02 24 36.8
D22K	comp=Z,71um,1.9s			P	P	02 25 34.8 +0.5
D22K	Aiyikyak River	86.33	340	P	P	02 35 00.1 -0.8
D22K	baz=106,SNR=104			S	S	02 34 58.9 -2.3
L18K	Granite Mounta	86.34	333	P	P	02 24 34.2 -0.3
L18K	baz=102,SNR=61			S	S	02 34 58.9 -2.3
L18K	baz=102			S	S	02 34 58.9 -2.3
P16K	Nushagak River	86.34	329	P	P	02 24 34.5 0.0
P16K	baz=101,SNR=42			S	S	02 35 00.6 -0.7
P16K	baz=101			S	S	02 35 00.6 -0.7
CNBA	Chernabura Isl	86.49	325	I	Amb	02 24 37.1
CNBA	comp=Z,411nm,1.5s			P	P	02 24 36.0 +0.6
CHNA	Chernabura Isl	86.50	325	P	P	02 24 35.4 0.0
CHNA	Chernabura Isl	86.50	325	P	P	02 24 35.4 0.0
CHNA	baz=99,SNR=15			S	S	02 35 03.2 +0.2
O16K	Kokwok River B	86.50	330	I	Amb	02 24 36.4
O16K	comp=Z,618nm,1.9s			P	P	02 24 34.8 -0.5
O16K	Kokwok River B	86.50	330	P	P	02 24 34.8 -0.5
O16K	baz=100,SNR=37			S	S	02 35 01.1 -1.7
M17K	Holitna River	86.52	332	P	P	02 24 35.4 0.0
M17K	baz=101,SNR=57			S	S	02 35 00.9 -2.1
J18K	Innoko River	86.61	334	I	Amb	02 24 37.6
J18K	comp=Z,935nm,1.9s			P	P	02 24 35.6 -0.2
J18K	Innoko River	86.61	334	P	P	02 24 35.6 -0.2
J18K	baz=102,SNR=134			S	S	02 35 01.2 -2.6
E21K	Killik River	86.67	339	P	P	02 24 36.4 +0.4
E21K	baz=105			S	S	02 35 02.9 -1.4
S14K	Fog Glacier	86.70	327	P	P	02 24 36.8 +0.3
S14K	baz=99,SNR=7.5			S	S	02 35 05.6 +0.4
H19K	Roundabout Mtn	86.93	336	P	P	02 24 37.7 +0.4
H19K	baz=102,SNR=239			S	S	02 35 06.4 -0.3
GCSA	Galena City Sc	86.94	335	P	P	02 24 37.9 +0.6
GCSA	baz=102			S	S	02 35 05.9 -1.0
B22K	Teshchuk Lake	86.97	341	P	P	02 24 38.0 +0.6
B22K	baz=105,SNR=92			S	S	02 35 05.7 -1.4
F20K	Avareat Lake	86.98	338	P	P	02 24 38.0 +0.5
F20K	baz=103			S	S	02 35 07.0 -0.2
N16K	Nishik Lake	86.99	331	P	P	02 24 38.0 +0.2
N16K	baz=100,SNR=31			S	S	02 35 06.9 -0.8
SSB	Saint Sauveur	87.02	45	I	Amb	02 25 09.2
L17K	Donlin	87.06	332	P	P	02 24 38.4 +0.4
L17K	baz=100,SNR=127			S	S	02 35 06.1 -2.1
SDPT	Sand Point	87.08	326	P	P	02 24 39.2 +1.0
SDPT	Sand Point	87.08	326	P	P	02 24 38.5 +0.3
SDPT	baz=98,SNR=18			S	S	02 35 08.0 -0.6
C21K	Knifblade Rid	87.13	340	P	P	02 24 39.0 +0.8
C21K	baz=104,SNR=107			S	S	02 35 07.7 -1.0
K17K	Iditarod	87.17	333	I	Amb	02 24 40.8
K17K	comp=Z,651nm,1.6s			P	P	02 24 38.8 +0.2
K17K	Iditarod	87.17	333	P	P	02 24 38.8 +0.2
K17K	baz=100,SNR=96			S	S	02 35 07.9 -1.4
M16K	Timber Creek	87.18	331	P	P	02 24 39.3 +0.7
M16K	baz=100,SNR=59			S	S	02 35 08.9 -0.5
DFRA	Djebel Bou Aff	87.18	53	P	P	02 24 43.2 +3.9
B21K	Ikkipuk River	87.19	340	I	Amb	02 24 40.5
B21K	comp=Z,633nm,1.1s			P	P	02 24 39.0 +0.6
B21K	Ikkipuk River	87.19	340	P	P	02 35 07.3 -1.8
B21K	baz=104			S	S	02 24 38.1 -1.1
O15K	Ungalikthiuk R	87.30	329	P	P	02 24 38.1 -1.1
O15K	baz=99,SNR=22			S	S	02 35 06.8 -3.8
G19K	Purcell Mounta	87.32	337	P	P	02 24 39.

Table with columns: Call sign, Frequency, Mode, Power, and other parameters. Includes entries for BOSHA, VALRA, VOIR, MINSK, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other parameters. Includes entries for KIBK, SVE, DILA, MAK, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other parameters. Includes entries for MZR, HTT, MZWR, KAVG, etc.

7d 2h

2018 SEP

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like BLYC, CBX, MATJ, TKX, CVNA, OGN, D62A, I37A, SUR, PFO, U15A, ECSD, MERW, COWI, ELS, ARMS, VLD, PKCU, GRAN, N23A, LCMT, WIN, WIN, AUGR, SZCU, PCAN, PASC, PCE, PICO, SNCO, Q16A, KEIM, SUSD, E38A, MAW, BRAK, ROSA, F17A, TMUT, ROOI, UPI, PSMN, F33A, ICQ, CCA, RDMU, BART, TPNV, PSUT, DRLN, WCT, MPU, B22A, GRAF, IS, ISA, S11A, NLU, RSSD, TSUM, TSUM.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like TSUM, GRAC, SPR3, PMOZ, R11B, R11B, FUL, GMN, SOE, SOE, SOE, PMAR, DUG, Q12A, TCUT, GRHM, GRHM, DSP, RAR, HWUT, PMP, PMPST, PD31, PDAR, PDAR, PDAR, PDAR, E28A, SPUT, HVD, OMMB, AHID, LHV, NVAR, NVAR, NVAR, NVAR, NVAR, TOAD, TOAD, TOAD, TOR, TOR, TOR, TOR, TOR, TOR, ELK, ELK, ELK, BOSA, BOSA, BOSA, SNOW, LOHW, TPWA, WAKR, IMW, FLWY, YERR, SWZ, YMP, LAO, ULM, ULM, ULM, ULM, EMB, YMR, PAHR, YHB, YHL, YHL, LBTB, LBTB, MCM, SNKL, SNKL, MFID, DLMT, SCHO, SCHO, SCHO.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like PRYS, HOPS, WDL, HRAO, NYAT, NYAT, NHAM, NHAM, TSWA, TSWA, KMRM, NWCL, NWCL, RUST, RUST, CASY, LEPH, YBH, AVE, KRMB, WTBG, CRAIL, CRAIL, POGA, POGA, POGA, DBO, PILG, PILG, F07A, J01E, E08A, PFVI, HAWA, MDT, BUCK, MORF, MORF, MORF, MORF, PTEO, NEW, NEW, NEW, MHPH, MHPH, FFC, FFC, FFC, MUSN, MUSN, BLWY, BLWY, MXC, COR, COR, COR, PBDV, MRZ, PCVE, PNCL, MESJ, MESJ, MESJ, ODZ, PVAQ, H04S2, MOPA, MOPA, H04S1, PBEJ, URZ, URZ, URZ, LTY, LTZ, EVO, B08A, H04N3, H04N1, XMAS, H04N2, LBZ, PSBE, PMTG, PBAR, TAM, TAM, PESTR, INZ, MLZ, MLZ, TSUM.

PCAS	Casmilo, Conde	89.26	42	eP	P	02 52 02.9	-0.1
RADR	Rader Ridge	89.29	326	P	P	02 52 03.5	+0.5
COI	Coimbra	89.41	42	eP	P	02 52 05.5	+1.9
FOZ	comp-Z,45nm,1.1s Fox Glacier	89.46	219	IAMB	IAMB	02 52 06.5	
PMRV	Marv???	89.53	43	eP	P	02 52 03.8	-0.5
GNW	Green Mountain	89.63	327	IAMB	IAMB		
PCBR	comp-Z,59nm,1.1s Castello Branco	89.74	43	eP	P	02 52 04.8	-0.4
LSZ	Lusaka	89.77	107	P	P	02 52 05.4	-0.8
LSZ	Lusaka	89.77	107	P	P	02 52 05.7	+1.3
LSZ	comp-Z,270nm,1.6s Lusaka	89.77	107	P	P	02 52 05.4	-0.8
LSZ	comp-Z,159nm,1.5s Neilton Lookou	90.01	327	IAMB	IAMB	02 52 09.1	
PVISE	Viseu	90.04	42	eP	P	02 52 06.2	-0.5
MTE	Manteigas	90.05	43	eP	P	02 52 06.5	-0.2
KRI	Karol	90.19	109	eP	P	02 52 08.1	0.0
PVRL	Vila Real	90.50	42	eP	P	02 52 07.6	-1.2
PGC	Sidney	90.70	328	IAMB	IAMB	02 52 11.9	
MVO	Moncorvo	90.83	42	eP	P	02 52 09.9	-0.5
PBRG	Braganca	91.40	42	eP	P	02 52 13.7	+0.8
PAB	San Pablo	91.46	45	P	P	02 52 13.9	+0.5
PAB	San Pablo	91.46	45	P	P	02 52 13.9	+0.5
ESDC	Sonseca Array	91.78	45	P	P	02 52 14.4	-0.4
ESDC	Sonseca Array	91.78	45	P	P	02 52 14.1	-0.6
ESDC	comp-Z,4.6nm,1.0s,baz=234,slow=5.8,SNR=16			LR	LR	03 31 13.8	
CBB	comp-Z,600nm,19.8s,baz=211,slow=34			LR	LR		
CBB	comp-Z,4.6nm,1.0s Campbell River	92.56	328	IAMB	IAMB	02 52 20.4	
STCH	Steam Cracks	94.99	289	P	P	02 52 29.9	-0.1
BBB	Bella Bella	95.30	328	IAMB	IAMB	02 52 38.2	
CEST	comp-Z,36nm,1.2s Estero de Car	96.68	45	IAMB	IAMB	02 52 41.8	
GRNB	Grenville Isla	97.23	329	IAMB	IAMB	02 52 42.6	
RUBB	Prince Rupert	97.67	329	IAMB	IAMB	02 52 43.5	
YKA	Yellowknife Ar	97.75	341	P	P	02 52 41.3	-0.1
YKA	Yellowknife Ar	97.75	341	P	P	02 52 41.2	-0.2
YKA	comp-Z,7.8nm,0.8s,baz=140,slow=4.1,SNR=19			eP	eP	02 53 09.0	0.0
DIB	Dawson Inlet,	97.99	327	IAMB	IAMB	02 52 44.7	
KEST	Kesra	98.51	54	P	P	02 52 45.3	-0.3
KEST	comp-Z,1.2um,2.0s,baz=196,slow=36			LR	LR	03 39 03.0	
KEST	comp-Z,9.2nm,1.2s,baz=18,slow=3.9,SNR=3.6			LR	LR		
KEST	Kesra	98.51	54	P	P	02 52 45.5	-0.1
KEST				S	SKS	03 03 15.6	+1.3
TOAD	Toad River Com	98.60	334	Pdfff	Pdfff	02 52 46.1	+0.7
V35K	Katchikan	98.92	329	Pdfff	Pdfff	02 52 47.4	+0.7
KOTAN	Kotaneleele Air	99.05	336	Pdfff	Pdfff	02 52 48.4	+1.1
FOMA	Nahampoana Res	99.24	125	P	Pdfff	02 52 45.5	-3.6
T35M	Bob Quinn	99.37	331	Pdfff	Pdfff	02 52 50.1	+1.2
CRAIG	Craig	99.68	329	Pdfff	Pdfff	02 52 51.2	+1.0
U33K	Whale Pass	100.08	330	Pdfff	Pdfff	02 52 53.0	+1.1
DLBC	Dease Lake	100.21	332	Pdfff	Pdfff	02 52 53.7	+1.1
S34M	Telegraph Cree	100.33	332	Pdfff	Pdfff	02 52 54.2	+1.2
WTLY	Watson Lake, Y	100.80	334	Pdfff	Pdfff	02 52 56.6	+1.4
VOI	Vohitsoka	100.96	122	P	Pdfff	02 52 55.0	-2.0
WRGLY	Wrightley	101.01	338	Pdfff	Pdfff	02 52 57.3	+1.4
R33M	Jennings River	101.19	333	Pdfff	Pdfff	02 52 58.5	+1.5
EKA	Eskdalemuir Ar	101.39	32	P	Pdfff	02 52 56.0	-1.7
Q32M	Nakina River	101.45	332	Pdfff	Pdfff	02 52 59.5	+1.3
TGNT	Hyland Airport	102.52	335	Pdfff	Pdfff	02 53 00.2	+1.9
S32K	Killisnoo	101.53	330	Pdfff	Pdfff	02 52 59.3	+1.0
SIT	Sitka	101.62	330	Pdfff	Pdfff	02 53 00.1	+1.3
R32K	Eaglecrest	101.98	331	Pdfff	Pdfff	02 53 01.7	+1.3
P32M	Atlin	102.42	332	Pdfff	Pdfff	02 53 03.5	+1.1
P33M	Teslin, Yukon	102.43	333	Pdfff	Pdfff	02 53 03.5	+1.0
S31K	Pelican	102.54	330	Pdfff	Pdfff	02 53 04.3	+1.5
SKAG	Skagway	103.02	332	Pdfff	Pdfff	02 53 06.1	+1.2
N32M	Quet Lake	103.10	334	Pdfff	Pdfff	02 53 06.1	+0.8
PLBC	Pleasant Camp	103.45	331	Pdfff	Pdfff	02 53 07.6	+0.8
WHY	Whitehorse	103.53	333	Pdfff	Pdfff	02 53 08.0	+0.6
FARO	Faro, Yukon	103.85	334	Pdfff	Pdfff	02 53 09.3	+0.7
P30M	Million Dollar	104.07	332	Pdfff	Pdfff	02 53 10.4	+0.7
O30N	Mendenhall	104.08	332	Pdfff	Pdfff	02 53 10.5	+0.8
P29M	Windy Craggy	104.13	331	Pdfff	Pdfff	02 53 10.8	+0.9
M31M	Drury Creek, Y	104.23	334	Pdfff	Pdfff	02 53 11.4	+1.1
DAVA	Damuels	104.36	44	ePKKP	ePKKP	03 08 59.2	
N31M	Braeburn, Yuko	104.43	333	Pdfff	Pdfff	02 53 12.1	+1.1
KMBO	Kilima Mbo	104.59	100	S	SKS	03 03 45.8	+1.0
FETA	Feichten	104.72	44	ePdiff	ePdiff	02 53 13.3	+0.3
FETA	comp-Z,12nm,1.3s			ePKKP	ePKKP	03 08 58.2	+0.3
O29M	Mount Kennedy	104.84	331	Pdfff	Pdfff	02 53 14.5	+1.2
PNL	Peninsula	104.86	331	Pdfff	Pdfff	02 53 14.9	+1.7
N30M	Aishikik Lake	104.86	333	Pdfff	Pdfff	02 53 15.4	+2.2
RETA	Retah	104.95	44	ePdiff	ePdiff	02 53 14.7	+0.7
RETA	comp-Z,7.1nm,1.0s			ePKKP	ePKKP	03 08 57.1	-0.1
MOTA	comp-Z,0.8nm,0.4s			ePdiff	ePdiff	02 53 15.0	+0.3
MOTA	comp-Z,9.5nm,1.3s			ePKKP	ePKKP	03 08 56.7	-0.1
YUK6	Outpost Mounta	105.10	332	Pdfff	Pdfff	02 53 15.7	+1.2
SQ2A	Sankt Quirin	105.11	44	ePdiff	ePdiff	02 53 15.0	+0.3
WTTA	Wattenberg	105.39	44	ePdiff	ePdiff	02 53 16.5	+0.5
WTTA	comp-Z,10nm,1.3s			ePKKP	ePKKP	03 08 55.9	0.0
WTTA	comp-Z,2.4nm,0.3s			ePKKP	ePKKP		
YUK4	Talbot Arm	105.43	332	Pdfff	Pdfff	02 53 17.0	+1.1
PINM	Pinnacle	105.45	331	Pdfff	Pdfff	02 53 17.1	+1.2
DZM	Mont Dzumac	105.64	233	eLR	LR	03 28 10.4	
ABTA	Abfattersbach	105.70	45	ePdiff	Pdfff	02 53 17.6	+0.3

O28M	Mount Upton	105.77	331	Pdfff	Pdfff	02 53 18.4	+0.8
YUK8	Steele Glacier	105.86	332	Pdfff	Pdfff	02 53 19.0	+1.1
M29M	Somme Creek	105.94	333	Pdfff	Pdfff	02 53 19.6	+1.5
LESA	Schwarzleotal	106.09	45	ePdiff	Pdfff	02 53 19.1	+0.1
L29M	L29M	106.17	334	Pdfff	Pdfff	02 53 20.7	+1.7
MESA	MESA	106.22	330	Pdfff	Pdfff	02 53 20.1	+0.6
H31M	Peel River	106.28	337	Pdfff	Pdfff	02 53 20.4	+1.0
J30M	Hart River	106.29	336	Pdfff	Pdfff	02 53 20.0	+0.4
K29M	Barlow Dome	106.33	335	Pdfff	Pdfff	02 53 21.2	+1.4
CTG	China Glacier	106.36	331	Pdfff	Pdfff	02 53 20.7	+0.7
MYKA	Terra Mystica	106.36	46	ePdiff	Pdfff	02 53 20.6	+0.3
YUK3	comp-Z,5.2nm,1.0s Moose Creek	106.40	332	Pdfff	Pdfff	02 53 21.3	+1.1
I30M	Mount Dempster	106.66	336	Pdfff	Pdfff	02 53 22.0	+0.7
G31M	Satah River	106.90	338	Pdfff	Pdfff	02 53 24.4	+2.4
CRQE	Cirque	107.00	331	Pdfff	Pdfff	02 53 23.9	+1.0
KAIM	Kayak Island	107.19	329	Pdfff	Pdfff	02 53 24.2	+0.7
MOA	Molin	107.25	45	ePdiff	Pdfff	02 53 25.1	+1.0
SOKA	Soboth	107.25	46	ePdiff	Pdfff	02 53 25.5	+1.3
M27K	Edge Creek, AK	107.27	332	Pdfff	Pdfff	02 53 24.9	+0.9
MCARA	McCarthy VSAT	107.27	331	Pdfff	Pdfff	02 53 25.5	+1.6
GERES	GERES Array B	107.31	43	PKIKP	PKIKP	02 57 32.5	-0.2
GERES	comp-Z,2.8nm,0.9s,baz=241,slow=1.1,SNR=5.0			PKKPbc	PKKPbc	03 08 49.2	-0.7
EPYK	Eagle Crains	107.41	337	Pdfff	Pdfff	02 53 25.7	+1.3
I29M	Ogilvie Camp,	107.42	336	Pdfff	Pdfff	02 53 25.7	+1.3
INK	Inuvik	107.45	340	Pdfff	Pdfff	02 53 24.7	+0.3
A36M	Sachs Harbour	107.48	344	Pdfff	Pdfff	02 53 25.8	+1.3
G30M	IAoh Zraii Njii	107.57	338	Pdfff	Pdfff	02 53 25.5	+0.4
L27K	Beaver Creek,	107.59	333	Pdfff	Pdfff	02 53 26.5	+1.2
M26K	Nabesna, AK	107.75	332	Pdfff	Pdfff	02 53 26.9	+0.9
BMRM	Bremner River	107.75	330	Pdfff	Pdfff	02 53 27.5	+1.4
F30M	Barrier River	107.77	338	Pdfff	Pdfff	02 53 26.9	+1.0
ARSA	Arzberger	107.79	46	iPdiff	Pdfff	02 53 29.6	+3.0
Q23K	Middleton Isla	107.83	329	Pdfff	Pdfff	02 53 27.0	+0.6
H29M	Whitestone	107.89	337	Pdfff	Pdfff	02 53 27.7	+1.2
CLL	Collin	107.90	41	ePKIKP	PKIKP	02 57 34.0	+0.4
CLL				eP	PP	02 57 52.0	-5.3
CLL				ePKKP	PKKP	03 09 01.8	-0.2
N25K	Chilina Valde	108.04	331	Pdfff	Pdfff	02 53 28.0	+0.6
I28M	Miner Creek	108.06	336	Pdfff	Pdfff	02 53 30.2	+2.9
EYAK	Cordova Ski Ar	108.06	330	Pdfff	Pdfff	02 53 29.3	+2.0
G29M	Pine Creek	108.13	337	Pdfff	Pdfff	02 53 29.8	+2.2
K27K	Chicken	108.16	334	Pdfff	Pdfff	02 53 29.5	+1.8
EAGLE	Eagle	108.17	335	PKIKP	PKIKP	02 57 33.7	0.0
L26K	Log Cabin Wild	108.19	333	PKIKP	PKIKP	02 57 34.1	+0.3
CONA	Conrad Observa	108.27	45	ePdiff	Pdfff	02 53 31.5	+2.8
BRG	Berggiesshubel	108.27	42	eP	PKIKP	02 57 35.4	+1.1
BRG				Amp		02 57 37.0	
KLU	Klutina	108.56	331	PKIKP	PKIKP	02 57 35.4	+0.7
P23K	Montague Islan	108.56	329	PKIKP	PKIKP	02 57 35.1	+0.5
HARP	HAARP	108.64	332	PKIKP	PKIKP	02 57 35.6	+0.9
I27K	Kandik River	108.74	335	PKIKP	PKIKP	02 57 35.6	+0.8
GLI	Glacier Island	108.80	330	PKIKP	PKIKP	02 57 36.0	+1.0
E29M	Blow River	108.86	339	PKIKP	PKIKP	02 57 35.5	+0.6
SCRK	Sand Creek	108.88	333	PKIKP	PKIKP	02 57 35.8	+0.6
M24K	Tolsona, Glenn	108.94	331	PKIKP	PKIKP	02 57 35.5	+0.2
J26L	Joseph Creek	108.95	334	PKIKP	PKIKP	02 57 35.7	+0.4
H27K	Steamboat Moun	109.01	336	PKIKP	PKIKP	02 57 35.6	+0.3
PAX	Paxson	109.02	332	PKIKP	PKIKP	02 57 35.6	+0.2
F28M	Old Crow	109.11	338	PKIKP	PKIKP	02 57 35.8	+0.4
RIDG	Independent Ri	109.11	333	PKIKP	PKIKP	02 57 35.8	+0.2
I26K	Cox Creek Min	109.17	335	PKIKP	PKIKP	02 57 35.7	+0.2
G27M	Sheep Creek Mo	109.31	331	PKIKP	PKIKP	02 57 36.2	+0.2
SCM	Doyon Strip	109.33	337	PKIKP	PKIKP	02 57 36.2	+0.3
PWL	Port Wells	109.34	329	PKIKP	PKIKP	02 57 36.2	+0.2
M23K	Glacier View	109.47	331	PKIKP	PKIKP	02 57 36.5	+0.2
K24K	Donnelly Dome	109.51	333	PKIKP	PKIKP	02 57 36.8	+0.5
SEW	Seward	109.54	329	PKIKP	PKIKP	02 57 36.7	+0.4
D28M	Stokes Point	109.60	339	PKIKP	PKIKP	02 57 36.3	+0.1
J25K	Salcha River,	109.70	334	PKIKP	PKIKP	02 57 36.7	0.0
SML	Smithmill	109.73	330	PKIKP	PKIKP	02 57 37.4	+0.6
WAT6	Susitna Watana	109.80	331	PKIKP	PKIKP	02 57 37.5	+0.5
DHY	Denali Highway						

2018 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like M15K Kasiglik River, E20K Nigu River, H18K Honhaha River, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like ASAR Alice Springs, ASAR Sochi, ASAR Moscow, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like TIXI Tiksi, SEY Seymchan, JAY Jayapura, etc.

Table with columns: YSS, Yuzh-Sakhalins, 148.72 314c, PKIKP, PKPdf, 02 58 51.4 +1.7, 02 58 54.1, etc.

Table with columns: CN2, Changchun, 160.58 324, ePKP, PKPdf, 02 59 05.9 -0.2, 02 59 06.3 -0.2, etc.

Table with columns: WHN, comp=Z,1um,18.5s, LR, LR, PRU 07 02:53:17.6,51.38N,-16.13E, h0km, Poland, etc.

E23K	Chandalar	43.32	31	P	P	04 33 21.1	-1.4
TOLK	Toolik Lake Re	43.34	30	P	P	04 33 21.7	-0.9
CUT	Chulitna	43.34	39	P	P	04 33 22.5	-0.1
H23K	Yukon River	43.41	34	P	I Amb	04 33 23.1	-0.1
H23K	Yukon River	43.41	34	P	I Amb	04 33 23.9	
H23K	Yukon River	43.41	34	P	I Amb	04 33 23.8	-0.8
BRSE	Bradley Lake S	43.43	43	P	P	04 33 22.9	-0.5
M22K	Willow	43.48	40	P	P	04 33 23.0	-0.7
I23K	Minto, Yukon-K	43.52	35	P	P	04 33 23.3	-0.7
BWN	Browne	43.55	36	P	P	04 33 25.0	+0.7
CMAR	Chiang Mai Arr	43.55	250	P	P	04 33 25.7	+0.9
CMAR	Chiang Mai Arr	43.55	250	P	P	04 33 25.9	+1.2
CMAR	Chiang Mai Arr	43.55	250	P	P	04 35 13.0	+1.0
CMAR	Chiang Mai Arr	43.55	250	P	P	04 33 26.0	+1.2
D24K	Happy Valley	43.61	29	P	P	04 33 23.9	-0.8
D24K	Happy Valley	43.61	29	P	P	04 33 23.9	-0.8
C24K	Franklin Bluff	43.66	28	P	P	04 33 24.0	-1.0
C24K	Franklin Bluff	43.66	28	P	P	04 33 25.0	
C24K	Franklin Bluff	43.66	28	P	P	04 33 23.9	-1.1
NEA2	Nenana	43.68	36	P	P	04 33 24.3	-1.1
RC01	Rabbit Creek A	43.74	41	P	P	04 33 25.5	-0.4
E24K	Your Creek	43.74	31	P	P	04 33 25.3	-0.6
E24K	Your Creek	43.74	31	P	P	04 33 24.6	-1.3
MCK	McKinley	43.82	37	P	P	04 33 25.6	-0.8
O22K	Cooper Landing	43.83	42	P	P	04 33 25.9	-0.6
RND	Reindeer	43.88	37	P	P	04 33 26.0	-1.1
RND	Reindeer	43.88	37	P	P	04 33 26.0	-1.1
PMR	Palmer	43.97	40	P	P	04 33 27.1	-0.5
PMR	Palmer	43.97	40	P	P	04 33 26.4	-1.2
PMR	Palmer	43.97	40	P	P	04 33 27.1	-0.5
F24K	Squaw Lake	43.99	31	P	P	04 33 27.0	-0.8
F24K	Squaw Lake	43.99	31	P	P	04 33 27.2	-0.6
MDM	Murphy Dome	44.01	35	P	P	04 33 27.2	-0.8
SEW	Seward	44.02	42	P	P	04 33 27.5	-0.6
GHO	Glory Hole Cre	44.04	40	P	I Amb	04 33 27.6	-0.8
GHO	Glory Hole Cre	44.04	40	P	I Amb	04 33 29.5	
WAT1	Susitna Watana	44.08	38	P	P	04 33 27.3	-1.3
H24K	Noodor Dome	44.09	34	P	P	04 33 27.8	-0.9
SHL	Shillong	44.13	264	I Amb	I Amb	04 33 29.7	
COLA	College	44.18	35	P	P	04 33 29.1	-0.2
COLA	College	44.18	35	P	P	04 33 28.5	-0.7
COLA	College	44.18	35	P	P	04 33 29.1	-0.2
G24K	Hadweenzic Riv	44.20	33	P	P	04 33 28.5	-0.9
KNK	Knik Glacier	44.31	40	I Amb	I Amb	04 33 31.7	
KNK	Knik Glacier	44.31	40	P	P	04 33 30.0	-0.4
SML	Sawmill	44.32	40	P	P	04 33 29.6	-0.9
POKR	Poker Plat Res	44.34	35	P	P	04 33 29.2	-1.3
PWL	Port Wells	44.45	41	I Amb	I Amb	04 33 32.7	
PWL	Port Wells	44.45	41	P	P	04 33 30.8	-0.8
D25K	Kavik River	44.48	29	I Amb	I Amb	04 33 32.6	
D25K	Kavik River	44.48	29	P	P	04 33 30.2	-1.6
WAT6	Susitna Watana	44.49	38	P	P	04 33 30.6	-1.3
DHY	Denali Highway	44.59	38	I Amb	I Amb	04 33 33.0	
DHY	Denali Highway	44.59	38	P	P	04 33 31.9	-0.8
IL31	Eielson Array	44.60	35	I Amb	I Amb	04 33 32.7	
ILAR	Eielson Array	44.60	35	P	P	04 33 32.4	-0.3
ILAR	Eielson Array	44.60	35	P	P	04 33 31.5	-1.2
ILAR	Eielson Array	44.60	35	P	P	04 33 32.4	-0.3
M23K	Glacier View	44.60	40	P	P	04 33 32.3	-0.4
HDA	Harding Lake	44.62	36	P	P	04 33 31.5	-1.3
G25K	Bearman Lake	44.73	32	P	P	04 33 33.2	-0.5
SCM	Sheep Creek Mo	44.78	39	I Amb	I Amb	04 33 35.6	
SCM	Sheep Creek Mo	44.78	39	P	P	04 33 33.6	-0.6
F25K	Christian River	44.85	31	P	P	04 33 34.6	0.0
H25L	Birch Creek	44.89	33	P	P	04 33 34.4	-0.6
G26K	Camden Bay	44.97	28	P	P	04 33 35.1	-0.4
CL1K	Glacier Island	45.05	41	I Amb	I Amb	04 33 39.5	
GLI	Glacier Island	45.05	41	P	P	04 33 35.6	-0.7
P23K	Montague Islan	45.05	42	P	P	04 33 35.6	-0.7
PRP	Porcupine Dome	45.09	34	I Amb	I Amb	04 33 37.4	
PRP	Porcupine Dome	45.09	34	P	P	04 33 35.8	-1.0
FYU	Fort Yukon	45.10	33	I Amb	I Amb	04 33 38.9	
K24K	Donnelly Dome	45.20	37	P	P	04 33 36.7	-0.8
BMAR	Burnt Mountain	45.27	31	P	P	04 33 38.1	+0.1
J25K	Salcha River	45.27	35	P	P	04 33 37.3	-0.7
M24K	Tolsona, Glenn	45.28	39	I Amb	I Amb	04 34 00.9	
M24K	Tolsona, Glenn	45.28	39	P	P	04 33 37.5	-0.7
C27K	Jago River	45.40	28	I Amb	I Amb	04 33 40.7	
C27K	Jago River	45.40	28	P	P	04 33 37.7	-1.3
F26K	Sheenjek River	45.41	31	I Amb	I Amb	04 33 39.9	
F26K	Sheenjek River	45.41	31	P	P	04 33 38.4	-0.7
PAX	Paxson	45.46	38	P	P	04 33 38.6	-1.1
KLU	Klutina	45.50	40	I Amb	I Amb	04 33 41.4	
KLU	Klutina	45.50	40	P	P	04 33 39.7	-0.3
RIDG	Independent Ri	45.62	37	I Amb	I Amb	04 33 41.4	
RIDG	Independent Ri	45.62	37	P	P	04 33 40.0	-0.9
G26K	Porcupine River	45.63	32	P	P	04 33 40.7	-0.1
Q23K	Middleton Isla	45.69	43	P	P	04 33 40.8	-0.5

HARP	HAARP	45.70	38	P	P	04 33 41.5	+0.1
EYAK	Cordova Ski Ar	45.76	41	P	P	04 33 42.1	+0.2
SCRK	Sand Creek	45.96	36	I Amb	I Amb	04 33 43.4	
SCRK	Sand Creek	45.96	36	P	P	04 33 42.0	-1.6
J26L	Joseph Creek	46.06	35	P	P	04 33 43.4	-0.9
I26K	Coal Creek Min	46.10	34	P	P	04 33 44.0	-0.5
N25K	Chitina, Valde	46.10	39	P	P	04 33 44.2	-0.5
BMRM	Bremner River	46.23	40	P	P	04 33 45.3	-0.3
E27K	Colleen River	46.31	30	P	P	04 33 45.8	-0.4
D27M	Malcolm River	46.41	29	P	P	04 33 45.8	-1.1
L26K	Log Cabin Wild	46.41	37	I Amb	I Amb	04 33 48.9	
L26K	Log Cabin Wild	46.41	37	P	P	04 33 47.0	0.0
TARG	Taragay, Kyrgy	46.46	292	I Amb	I Amb	04 33 50.0	
G27K	Doyon Strip	46.48	32	P	P	04 33 47.0	-0.5
GLTB	Gilgiana Butte	46.50	40	I Amb	I Amb	04 33 52.6	
HMT	Hamilton	46.52	41	I Amb	I Amb	04 33 49.7	
KAIM	Kayak Island	46.54	42	P	P	04 33 48.2	+0.1
H27K	Steamboat Moun	46.62	33	P	P	04 33 48.3	-0.4
M26K	Nabesna, AK	46.69	38	I Amb	I Amb	04 33 51.0	
M26K	Nabesna, AK	46.69	38	P	P	04 33 49.6	+0.3
I27K	Kank River	46.69	34	P	P	04 33 48.8	-0.4
VRDI	Verde Repeater	46.72	40	I Amb	I Amb	04 33 50.9	
K27K	Chicken	46.78	36	P	P	04 33 49.8	-0.1
MCARA	McCarthy VSAT	46.89	40	I Amb	I Amb	04 33 52.4	
MCARA	McCarthy VSAT	46.89	40	P	P	04 33 50.7	-0.1
CRQE	Cirque	47.00	40	P	P	04 33 51.6	-0.2
E28M	Babbage River	47.01	29	P	P	04 33 50.6	-1.1
EGAK	Eagle	47.03	35	I Amb	I Amb	04 33 52.0	
EGAK	Eagle	47.03	35	P	P	04 33 51.1	-0.7
L27K	Beaver Creek	47.08	37	P	P	04 33 52.1	-0.1
BCAR	Beaver Creek A	47.10	37	P	P	04 33 53.0	+0.6
TGL	Tana Glacier	47.12	40	I Amb	I Amb	04 33 56.5	
WAX	Waxell Ridge	47.18	41	I Amb	I Amb	04 33 54.6	
M27K	Edge Creek, AK	47.21	38	I Amb	I Amb	04 33 54.9	
M27K	Edge Creek, AK	47.21	38	P	P	04 33 53.3	-0.1
BVAR	Borovoye Array	47.21	309	P	P	04 33 53.5	+0.1
BVAR	Borovoye Array	47.21	309	P	P	04 39 15.1	+0.4
BRVK	Borovoye	47.26	309	P	P	04 33 54.0	+0.2
BRVK	Borovoye	47.26	309	P	P	04 33 54.0	+0.2
BRVK	Borovoye	47.26	309	P	P	04 33 54.0	+0.2
I28M	Miner Creek	47.41	34	I Amb	I Amb	04 33 56.0	
I28M	Miner Creek	47.41	34	P	P	04 33 54.2	-0.6
E29M	Blow River	47.64	30	P	P	04 33 55.9	-0.6
MESA	MESA	47.68	41	P	P	04 33 57.1	-0.1
CTG	Chitna Glacier	47.78	40	P	P	04 33 57.4	-0.5
G29M	Pine Creek	47.87	32	P	P	04 33 58.0	-0.4
H29M	Whitestone	47.88	33	P	P	04 33 58.3	-0.2
DAWY	Dawson	47.93	36	P	P	04 33 59.0	+0.1
LOGN	Logan Glacier	47.97	40	I Amb	I Amb	04 34 05.8	
YUK3	Moose Creek	47.99	39	P	P	04 33 59.5	-0.1
I29M	Ogilvie Camp	48.09	34	I Amb	I Amb	04 34 01.0	
I29M	Ogilvie Camp	48.09	34	P	P	04 33 59.8	-0.3
AAK	Ala-Archa	48.34	294	P	P	04 34 02.5	0.0
AAK	Ala-Archa	48.34	294	I Amb	I Amb	04 34 03.2	
AAK	Ala-Archa	48.34	294	P	P	04 34 02.4	-0.1
AAK	Ala-Archa	48.34	294	P	P	04 34 02.5	0.0
O28M	Mount Oup	48.37	40	P	P	04 34 02.2	-0.4
YUK8	Steele Glacier	48.44	39	P	P	04 34 02.9	-0.2
EPYK	Eagle Plains	48.50	32	P	P	04 34 03.0	-0.3
EPYK	Eagle Plains	48.50	32	P	P	04 34 02.0	-1.2
PINM	Pinnacle	48.52	41	P	P	04 34 03.7	+0.1
G30M	tAoh Zraii Nji	48.55	31	P	P	04 34 03.4	-0.2
F30M	Barrier River	48.58	30	P	P	04 34 03.5	-0.2
KSH	Kashi	48.66	290	P	P	04 34 08.2	+3.3
L29M							

ISC 07 05:08:56.0, 0.6, 17.0S; 01:17:37.76W, h124km, n37, c149/28, mb4.2, 15, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like AFI Afiamalu, NIUE Niue, MSVF Nonsavu, etc.

Table with columns: MXZ Matakaoa Point, MXZ Matakaoa Point, WAZ White Island, etc. Lists stations in the Matakaoa Point area.

Table with columns: TOO Toolangi, TOO Toolangi, COEN Coen, etc. Lists stations in the Toolangi and Coen areas.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NWAQ Narrogin (SRO), RKGK Rocky Gully, BASI Baling Sumba, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JTM comp=Z,156nm,1.0s, GSTR Great Sitkin T, UGM Wanagama, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CHIR Chirikof Islan, SAO San Andreas Ge, KASI Kota Agung, etc.

M14K M14K	Bethel	79.71	8	P	P	05 21 19.4 -0.2	05 21 21.9
comp=Z,213nm,1.4s							
B14K BUCK	Bethel	79.71	8	P	P	05 21 19.3 -0.2	
bazz=197,SNR=36							
B14K BUCK	Buck Mountain	79.83	37	P	P	05 21 21.5 +0.8	
comp=Z,74nm,1.1s							
M15K	Kasigluk River	79.83	9	P	P	05 21 20.0 -0.2	
bazz=197,SNR=49							
214A	Organ Pipe Nat	79.88	52	P	P	05 21 22.4 +1.1	
bazz=241							
COR COR	Corvallis	79.88	36	P	P	05 21 22.6 +1.7	
bazz=241							
COR	Corvallis	79.88	36	P	P	05 21 22.6 +1.7	
comp=Z,33nm,0.9s							
N16K	Nishlik Lake	79.90	10	P	P	05 21 20.6 -0.1	
bazz=198,SNR=31							
QIZ	Qiongzong	79.91	294	P	P	05 21 22.1 +0.5	
comp=Z,36nm,1.3s							
QIZ						05 23 27.2 -0.4	
QIZ						05 24 28.6 +0.2	
QIZ						05 30 39.7 -2.7	
QIZ						05 34 19.4 -1.9	
comp=Z,400nm,4.2s							
I04A	Tendick Farm	79.91	37	P	P	05 21 21.4 +0.3	
TPNW	Topopah Spring	79.93	46	P	P	05 21 21.9 +0.4	
TPNW	Topopah Spring	79.93	46	P	P	05 21 22.0 +0.4	
comp=Z,19nm,0.9s							
O18K	Koktuh Hills	79.94	11	P	P	05 21 19.9 -0.9	
O18K	Koktuh Hills	79.94	11	P	P	05 21 20.3 -0.6	
comp=Z,217nm,0.9s							
O18K	Koktuh Hills	79.94	11	P	P	05 21 20.3 -0.6	
bazz=202,SNR=38							
HEBO	Mount Hebo	80.02	36	P	P	05 21 22.4 +0.7	
HEBO	Mount Hebo	80.02	36	P	P	05 21 24.8	
DL2	Dalian	80.04	316	P	P	05 21 22.4 +0.5	
DL2	Dalian	80.04	316	P	P	05 23 26.7 -1.0	
DL2	Dalian	80.04	316	P	P	05 24 33.8 -1.9	
comp=Z,100nm,1.1s							
DL2	Dalian	80.04	316	P	P	05 21 21.1 -0.8	
comp=Z,700nm,5.3s							
P19K	Oil Pt	80.14	12	P	P	05 21 21.1 -0.8	
P19K	Oil Pt	80.14	12	P	P	05 21 22.9	
P19K	Oil Pt	80.14	12	P	P	05 21 21.5 -0.4	
comp=Z,73nm,0.7s							
P19K	Oil Pt	80.14	12	P	P	05 21 21.5 -0.4	
L14K	Kuka Creek	80.19	7	P	P	05 21 22.5 +0.4	
bazz=204,SNR=15							
L14K	Kuka Creek	80.19	7	P	P	05 21 22.5 +0.4	
bazz=195,SNR=24							
N17K	Nushagak Hills	80.21	10	P	P	05 21 21.9 -0.3	
G03D	McMinnville, O	80.29	36	P	P	05 21 24.1 +1.1	
G03D	McMinnville, O	80.29	36	P	P	05 21 26.0	
comp=Z,177nm,1.5s							
J05D	Fort Rock, OR	80.29	38	P	P	05 21 23.8 +0.5	
J05D	Fort Rock, OR	80.29	38	P	P	05 21 26.4	
comp=Z,95nm,0.8s							
M16K	Timber Creek	80.40	9	P	P	05 21 23.7 +0.5	
M16K	Timber Creek	80.40	9	P	P	05 21 24.1 +0.9	
bazz=198,SNR=73							
O19K	Port Alsworth	80.42	12	P	P	05 21 22.6 -0.7	
O19K	Port Alsworth	80.42	12	P	P	05 21 22.7 -0.6	
bazz=203,SNR=44							
CNPM	China Poot	80.45	13	P	P	05 21 23.7 +0.2	
CNPM	China Poot	80.45	13	P	P	05 21 25.2	
comp=Z,159nm,1.3s							
ILSW	Iliamna South	80.46	12	P	P	05 21 22.6 -1.2	
ILSW	Iliamna South	80.46	12	P	P	05 21 24.8	
comp=Z,134nm,0.8s							
CN2	Changchun	80.46	322	eP	P	05 21 24.2 +0.3	
CN2	Changchun	80.46	322	eP	P	05 23 30.8 +0.5	
CN2	Changchun	80.46	322	eP	P	05 24 31.6 +1.0	
CN2	Changchun	80.46	322	eP	P	05 30 43.4 -1.6	
comp=Z,30nm,1.0s							
CN2	Changchun	80.46	322	eP	P	05 21 23.7 +0.1	
comp=Z,900nm,3.0s							
HOM	Homer	80.48	13	P	P	05 21 25.6	
HOM	Homer	80.48	13	P	P	05 21 23.2 -0.5	
comp=Z,206nm,0.9s							
HOM	Homer	80.48	13	P	P	05 21 23.2 -0.5	
bazz=205,SNR=12							
BNX	BinXian	80.53	325	uP	P	05 21 24.2 0.0	
BNX	BinXian	80.53	325	uP	P	05 23 28.5 -2.0	
BNX	BinXian	80.53	325	uP	P	05 24 31.4 -0.1	
BNX	BinXian	80.53	325	uP	P	05 30 43.6 -1.8	
comp=Z,190nm,1.0s							
BNX	BinXian	80.53	325	uP	P	05 21 24.6 +0.4	
KLR	Kul'dur	80.53	329	P	P	05 21 24.6 +0.4	
KLR	Kul'dur	80.53	329	P	P	05 30 43.9 -1.3	
comp=Z,0.2nm,0.3s,bazz=102,slow=14,SNR=1.0							
K13K	Kusilvak Mount	80.54	6	P	P	05 21 23.6 -0.2	
comp=Z,29nm,1.0s							
N18K	Kilae Creek	80.58	11	P	P	05 21 23.3 -0.9	
bazz=193,SNR=16							
S11A	Rachee Mountain	80.64	45	P	P	05 21 25.9 +0.7	
O20K	Slope Mountain	80.66	13	P	P	05 21 23.5 -1.2	
L15K	Ungalak Mounta	80.67	8	P	P	05 21 23.9 -0.7	
BRSE	Bradley Lake S	80.75	14	P	P	05 21 24.6 -0.5	
bazz=196,SNR=47							
I05D	Terrebonne, OR	80.86	37	P	P	05 21 27.1 +1.1	
I05D	Terrebonne, OR	80.86	37	P	P	05 21 29.0	
comp=Z,62nm,1.0s							
N19K	Bonanza Creek	80.96	11	P	P	05 21 25.3 -0.9	
L16K	Ohwat River	80.98	9	P	P	05 21 25.4 -0.7	
bazz=198,SNR=66							
M17K	Hollita River	81.00	10	P	P	05 21 26.9 +0.7	
M17K	Hollita River	81.00	10	P	P	05 21 26.6 +0.4	
bazz=200,SNR=88							
WHN	Wuhan	81.07	306	uP	P	05 21 28.8 +1.5	
WHN	Wuhan	81.07	306	uP	P	05 23 36.5 +2.3	
WHN	Wuhan	81.07	306	uP	P	05 24 38.6 +3.4	
WHN	Wuhan	81.07	306	uP	P	05 30 51.7 +3.3	
comp=Z,260nm,1.0s							
WHN	Wuhan	81.07	306	uP	P	05 21 27.9 +0.3	
R11B	Troy Canyon, C	81.11	45	P	P	05 21 28.3 +0.6	
bazz=238,SNR=20							
CNSH	ChangSha	81.12	303	P	P	05 21 28.3 +0.6	
CNSH	ChangSha	81.12	303	P	P	05 30 52.0 +3.0	
comp=Z,110nm,1.1s							
K15K	Wolf Creek Mou	81.25	8	P	P	05 21 28.4 +0.8	
K15K	Wolf Creek Mou	81.25	8	P	P	05 21 28.1 +0.5	
bazz=196,SNR=133							
HOOD	Mount Hood Me	81.26	36	P	P	05 21 29.2 +1.0	
HOOD	Mount Hood Me	81.26	36	P	P	05 21 30.8	
comp=Z,99nm,1.2s							
C03A	Quillayute Air	81.30	33	P	P	05 21 29.0 +0.9	
C03A	Quillayute Air	81.30	33	P	P	05 21 31.8	
NLWA	Neilton Lookou	81.32	34	P	P	05 21 28.7 +0.4	
NLWA	Neilton Lookou	81.32	34	P	P	05 21 31.3	
comp=Z,72nm,1.2s							
M18K	Stony River	81.35	11	P	P	05 21 27.4 -0.7	
bazz=201,SNR=19							
SEW	Seward	81.37	14	P	P	05 21 27.2 -1.0	
bazz=207,SNR=22							
G05A	Wamic	81.41	37	P	P	05 21 28.6 -0.2	
G05A	Wamic	81.41	37	P	P	05 21 31.6	
J14K	Nanvaranak Lak	81.46	7	P	P	05 21 28.3 -0.2	
J14K	Nanvaranak Lak	81.46	7	P	P	05 21 30.9	
comp=Z,137nm,1.4s							
Z14K	Nanvaranak Lak	81.46	7	P	P	05 21 28.5 0.0	
OJB	Mount Ozzard	81.48	32	P	P	05 21 29.3 +0.2	
BKNI	Bangkinang	81.50	273	P	P	05 21 31.6 +1.6	
BKNI	Bangkinang	81.50	273	P	P	05 21 32.1 +2.1	
comp=Z,260nm,1.2s							
Q23K	Middleton Isla	81.54	16	P	P	05 21 28.8 -0.2	
Q23K	Middleton Isla	81.54	16	P	P	05 21 30.0 +1.0	

MA2	Magadan	81.55	345	P	P	05 21 28.6 -0.5	
comp=Z,43nm,0.7s,bazz=130,slow=10,SNR=8.1							
MA2	Magadan	81.55	345	dP	P	05 21 29.1 0.0	
comp=Z,115nm,1.3s							
MA2	Magadan	81.55	345	P	P	05 21 29.2 +0.1	
L17K	Dorlin	81.56	9	P	P	05 21 29.5 +0.4	
bazz=199,SNR=89							
CAPN	Captain Cook N	81.59	13	P	P	05 21 29.0 -0.3	
bazz=206,SNR=9.0							
O22K	Cooper Landing	81.65	14	P	P	05 21 28.6 -1.0	
bazz=207,SNR=22							
PDSI	Padang	81.67	272	P	P	05 21 30.5 -0.4	
comp=Z,134nm,0.9s							
TIA	Tai'an	81.71	312	P	P	05 21 30.7 +0.2	
TIA	Tai'an	81.71	312	pP	P	05 23 40.2 +2.6	
TIA	Tai'an	81.71	312	sP	P	05 24 41.8 +3.4	
TIA	Tai'an	81.71	312	S	P	05 30 55.8 +1.2	
comp=Z,52nm,1.0s							
TIA	Tai'an	81.71	312	P	P	05 21 28.8 -1.5	
comp=Z,760nm,3.5s							
N20K	Mount Spurr	81.76	12	P	P	05 21 29.0 -1.3	
SPCR	Spurr Chakacha	81.77	12	P	P	05 21 29.3 -0.9	
bazz=205,SNR=14							
P23K	Montague Isan	81.77	15	P	P	05 21 29.3 -0.9	
bazz=209,SNR=24							
GAMB	Gambell	81.83	3	P	P	05 21 30.2 -0.2	
bazz=186,SNR=29							
L18K	Granite Mounta	81.89	10	P	P	05 21 30.6 -0.2	
bazz=200,SNR=72							
GULI	Guilin	81.98	300	P	P	05 21 32.5 +0.4	
GULI	Guilin	81.98	300	pP	P	05 23 40.6 +1.3	
GULI	Guilin	81.98	300	sP	P	05 24 42.4 +2.3	
GULI	Guilin	81.98	300	S	P	05 30 57.2 -0.5	
comp=Z,110nm,1.1s							
GULI	Guilin	81.98	300	P	P	05 21 30.5 -0.8	
comp=Z,280nm,8.7s							
M19K	Big River Lodg	81.99	11	P	P	05 21 31.8 -0.2	
LOM	Longmire	82.03	35	P	P	05 21 31.8 -0.2	
LOM	Longmire	82.03	35	P	P	05 21 34.2	
comp=Z,87nm,1.8s							
LOM	Longmire	82.03	35	P	P	05 21 31.8 -0.2	
comp=Z,67nm,1.8s							
K17K	Iditarod	82.11	9	P	P	05 21 31.9 0.0	
bazz=199,SNR=34							
L19K	White Mountain	82.17	11	P	P	05 21 32.1 -0.2	
bazz=202,SNR=66							
RC01	Rabbit Creek A	82.19	13	P	P	05 21 31.5 -0.8	
bazz=195,SNR=24							
M20K	Sty-River	82.21	12	P	P	05 21 31.2 -1.4	
bazz=204							
CBB	Campbell River	82.24	31	P</			

mb4.3/13, Error ellipse: s-maj=7.3km s-min=5.0km az=78.0

NNC 07 05:42:16.8±1.5, 38°80'N:71°40'E, h0km, mb4.9, mpv4.6, Error ellipse: s-maj=12.1km s-min=8.8km az=210.0

ISC 07 05:42:13.8±0.4, 38°55'N:0°04'71.37E, h10km, n137, c2513/147, mb4.1/33, MS3.6/3, 17C-13D,

Afghanistan-Tajikistan border region

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

Table with columns: BVAR, Lg, Lg, Time, Res, ISC. Lists seismic events with station names like BRVK, AKTO, DGZ, ZALV, etc.

Table with columns: M30M, YKA, Q32M, WRA, ASAR, etc. Lists seismic events with station names like Minto, Yukon, Yellowknife, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, Azimuth Error, Distance Error. Includes stations like K17K Iditarod, G31M Satah River, NEA2 Nenana, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, Azimuth Error, Distance Error. Includes stations like J29N Klondike Camp, N17K Nushagak Hills, W30 Warramunga Arr, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, Azimuth Error, Distance Error. Includes stations like BRLK Bradley Lake, WRGL Wringley, SEW Seward, etc.

KOTAN	Kotaneleele Air	91.92	2	P	P	06 36 45.2	-1.0
R33M	Jennings River	92.28	5	IAMS_20	IAMS_20	07 21 44.3	
R33M	Jennings River	92.28	5	P	P	06 36 46.9	-1.2
Q32M	Nakina River	92.60	6	IAMS_20	IAMS_20	07 25 05.7	
Q32M	Nakina River	92.60	6	P	P	06 36 48.2	-1.4
QMMW	East Machias	92.76	325	IAMS_20	IAMS_20	07 22 23.5	
F62A	Pittston Farm,	93.13	327	IAMS_20	IAMS_20	07 21 59.3	
S31K	Pelican	93.42	8	IAMS_20	IAMS_20	07 23 05.3	
S31K	Pelican	93.42	8	P	P	06 36 50.8	-0.9
T01K	Toad River Com	93.17	2	P	P	06 36 51.8	-0.2
DLBC	Dease Lake	93.31	5	LR	LR	07 22 58.2	
DLBC	Dease Lake	93.31	5	P	P	06 36 52.5	-0.2
S34M	Telegraph Cree	93.73	6	IAMS_20	IAMS_20	07 26 46.8	
S34M	Telegraph Cree	93.73	6	P	P	06 36 53.5	-1.0
S32K	Killisnoo	93.82	8	IAMS_20	IAMS_20	07 21 39.2	
S32K	Killisnoo	93.82	8	P	P	06 36 53.7	-1.2
G62A	West of Eustis	93.90	327	IAMS_20	IAMS_20	07 21 21.6	
SIT	Sitka	94.14	8	P	P	06 36 55.9	-0.5
H62A	Milan	94.68	327	IAMS_20	IAMS_20	07 21 45.1	
T35M	Bob Quinn	94.73	5	IAMS_20	IAMS_20	07 27 50.1	
T35M	Bob Quinn	94.73	5	P	P	06 36 58.0	-1.2
I62A	Tamworth	95.28	327	IAMS_20	IAMS_20	07 23 26.2	
U33K	Whale Pass	95.32	7	IAMS_20	IAMS_20	07 24 16.7	
U33K	Whale Pass	95.32	7	P	P	06 37 00.6	-1.1
MAW	Mawson	95.57	179	P	P	06 37 03.1	+0.7
MAW	Mawson	95.57	179	LR	LR	07 15 31.5	
VT1	Waterbury	95.62	328	IAMS_20	IAMS_20	07 22 52.2	
U35K	Hyder	95.81	5	IAMS_20	IAMS_20	07 26 56.5	
HNH	Hanover	95.87	327	IAMS_20	IAMS_20	07 23 32.6	
CRAG	Crager	95.95	7	P	P	06 37 03.1	-1.6
V35K	Ketchikan	96.25	6	IAMS_20	IAMS_20	07 26 36.2	
V35K	Ketchikan	96.25	6	P	P	06 37 05.0	-1.1
WES	Weston	96.38	326	IAMS_20	IAMS_20	07 22 23.2	
HRV	Adam Dzewonok	96.41	326	IAMS_20	IAMS_20	07 22 21.9	
CTA	Charters Tower	96.56	109	LR	LR	07 24 26.8	
K62A	Royalton	96.62	326	IAMS_20	IAMS_20	07 24 07.6	
L17B	Northampton	97.00	326	IAMS_20	IAMS_20	07 24 09.6	
TRV	Troy	97.26	327	IAMS_20	IAMS_20	07 27 08.6	
RCBR	Riachuelo	97.44	267	LR	LR	07 22 41.9	
SADO	Sadowa	98.12	332	LR	LR	07 24 27.8	
STKA	Stephens Creek	98.31	122	LR	LR	07 23 32.6	
BINY	Binghamton	98.77	328	IAMS_20	IAMS_20	07 30 23.3	
E46A	Gault Ste Marie	98.83	336	IAMS_20	IAMS_20	07 30 08.7	
ULM	Lac du Bonnet	98.86	344	LR	LR	07 26 52.3	
BBB	Bella Bella	99.69	5	LR	LR	07 26 14.1	
EYMN	Ely	99.81	341	IAMS_20	IAMS_20	07 27 31.6	
M57A	Sunshine Farm,	99.97	328	IAMS_20	IAMS_20	07 31 22.2	
N58A	Sunbury	100.17	328	IAMS_20	IAMS_20	07 31 27.5	
GLMI	Grayling	100.25	335	IAMS_20	IAMS_20	07 25 39.4	
I49A	Point Hope	100.31	333	IAMS_20	IAMS_20	07 25 17.9	
ERPA	Erie	100.63	331	IAMS_20	IAMS_20	07 25 37.6	
AGMN	Agassiz Nation	100.67	344	IAMS_20	IAMS_20	07 27 05.4	
F42A	Maple Grove Fa	100.70	338	IAMS_20	IAMS_20	07 29 32.1	
COWI	Conover	100.73	338	IAMS_20	IAMS_20	07 29 18.9	
SSPA	Standing Stone	100.88	328	IAMS_20	IAMS_20	07 32 13.2	
E38A	The Farm, Brul	101.04	340	IAMS_20	IAMS_20	07 30 33.0	
K50A	Casco	101.20	333	IAMS_20	IAMS_20	07 25 38.5	
R61A	Willards	101.45	325	IAMS_20	IAMS_20	07 26 53.4	
M53A	WI Miller and	101.48	331	IAMS_20	IAMS_20	07 26 14.1	
I45A	Fountain	101.53	335	IAMS_20	IAMS_20	07 31 39.1	
J47A	Sumner	101.68	334	IAMS_20	IAMS_20	07 25 49.2	
M52A	Chesterland	101.69	331	IAMS_20	IAMS_20	07 27 30.7	
H43A	Windswept Lux	101.70	337	IAMS_20	IAMS_20	07 32 11.7	
G40A	Rib Lake	101.81	339	IAMS_20	IAMS_20	07 26 05.6	
MDND	Maddock	101.97	346	IAMS_20	IAMS_20	07 29 15.7	
AAM	Ann Arbor	102.02	333	IAMS_20	IAMS_20	07 26 11.1	
N53A	Lisbon	102.07	330	IAMS_20	IAMS_20	07 26 32.6	
S61A	Accomac	102.11	325	IAMS_20	IAMS_20	07 27 23.1	
O54A	Avela	102.38	330	IAMS_20	IAMS_20	07 27 30.8	
M50A	Fremont	102.52	332	IAMS_20	IAMS_20	07 26 20.4	
CBN	Corbin Frederi	102.55	326	IAMS_20	IAMS_20	07 28 12.6	
MCWV	W Mont Chateau	102.56	329	IAMS_20	IAMS_20	07 32 57.7	
I42A	Dräger Farm,	102.61	337	IAMS_20	IAMS_20	07 30 51.6	
L48A	N Adams	102.63	333	IAMS_20	IAMS_20	07 26 38.3	
N51A	Ashland	102.64	331	IAMS_20	IAMS_20	07 28 08.7	
SPMN	Marine on St.	102.66	340	IAMS_20	IAMS_20	07 28 11.9	
O53A	New Philadelph	102.69	330	IAMS_20	IAMS_20	07 27 02.1	
R58B	Mineral	102.99	327	IAMS_20	IAMS_20	07 27 19.1	
ELIB	Princess Elisa	102.99	191	P	PKIKP	06 41 54.7	-0.9
F33A	5 Mile Ranch,	103.07	343	IAMS_20	IAMS_20	07 29 21.7	
O52A	Adamsville	103.07	331	IAMS_20	IAMS_20	07 27 23.1	
I40A	Norwalk	103.17	338	IAMS_20	IAMS_20	07 30 31.6	
N49A	Columbus Grove	103.39	333	IAMS_20	IAMS_20	07 27 05.4	
P53A	Whipple	103.39	330	IAMS_20	IAMS_20	07 27 24.7	

E28A	Huff	103.41	346	IAMS_20	IAMS_20	07 29 31.9	
K43A	Burlington	103.44	336	IAMS_20	IAMS_20	07 31 23.8	
P52A	Cook	103.60	330	IAMS_20	IAMS_20	07 27 38.1	
S57A	Dark Hollow, R	103.67	327	IAMS_20	IAMS_20	07 27 21.0	
L44A	Lake County Fo	103.75	336	IAMS_20	IAMS_20	07 31 38.9	
NEW	Newport	103.80	356	IAMS_20	IAMS_20	07 29 20.5	
JFWS	Jewell Farm	103.92	338	IAMS_20	IAMS_20	07 31 19.4	
N47A	Urbana	104.03	333	IAMS_20	IAMS_20	07 27 31.4	
HQ1L	Hanson Quarry C	104.06	335	IAMS_20	IAMS_20	07 31 27.1	
O49A	Covington	104.07	332	IAMS_20	IAMS_20	07 27 27.5	
P51A	Williamsport	104.12	331	IAMS_20	IAMS_20	07 29 06.0	
Q52A	Bidwell	104.21	330	IAMS_20	IAMS_20	07 27 58.3	
LAO	LASA Array	104.32	350	IAMS_20	IAMS_20	07 31 18.0	
O48B	Farmland	104.34	333	IAMS_20	IAMS_20	07 27 42.7	
M44A	Midewin, Midew	104.49	335	IAMS_20	IAMS_20	07 34 45.2	
L42A	Oliver, Polo	104.53	337	IAMS_20	IAMS_20	07 32 01.5	
P49A	Miami Univ. Ec	104.78	332	IAMS_20	IAMS_20	07 28 09.2	
L40A	Anamosa	105.01	338	IAMS_20	IAMS_20	07 29 16.1	
SUSD	Amiler	105.04	344	IAMS_20	IAMS_20	07 30 42.9	
ECSD	EROS Data Cent	105.11	342	IAMS_20	IAMS_20	07 29 37.0	
P48A	Illino	105.13	333	IAMS_20	IAMS_20	07 28 07.6	
W59A	Clinton	105.47	325	IAMS_20	IAMS_20	07 29 01.9	
U56A	King	105.48	327	IAMS_20	IAMS_20	07 28 31.0	
R50A	Paris	105.67	331	IAMS_20	IAMS_20	07 28 34.9	
HDIL	Hopedale	105.67	336	IAMS_20	IAMS_20	07 31 53.4	
HAWA	Hanford	105.73	359	IAMS_20	IAMS_20	07 31 11.6	
SCIA	State Center	105.79	339	IAMS_20	IAMS_20	07 31 30.9	
S91A	Beattyville	105.89	330	IAMS_20	IAMS_20	07 29 07.7	
A49A	Shelbyville	106.02	332	IAMS_20	IAMS_20	07 28 08.0	
BOZ	Bozeman (W)	106.08	354	IAMS_20	IAMS_20	07 32 40.7	
N41A	Harden Midland	106.09	337	IAMS_20	IAMS_20	07 32 28.8	
V55A	Taylorsville	106.28	328	IAMS_20	IAMS_20	07 29 08.1	
X58A	Rowland	106.40	325	IAMS_20	IAMS_20	07 31 04.6	
DLMT	Dillon	106.41	354	IAMS_20	IAMS_20	07 30 27.3	
WCI	Wyandotte Cave	106.53	332	IAMS_20	IAMS_20	07 35 13.7	
P43A	Skaggs, Pawnee	106.56	335	IAMS_20	IAMS_20	07 35 08.3	
L34A	Swenden Farm,	106.68	341	IAMS_20	IAMS_20	07 28 57.3	
TZTN	Tazewell	106.78	330	IAMS_20	IAMS_20	07 29 49.4	
N38A	Joelsboro	106.81	339	IAMS_20	IAMS_20	07 29 38.7	
K30B	Basset	106.86	344	IAMS_20	IAMS_20	07 34 21.2	
KM5C	Kings Mountain	106.91	327	IAMS_20	IAMS_20	07 29 35.8	
Q44A	Meyer Farm, Va	107.02	335	IAMS_20	IAMS_20	07 29 13.4	
BMO	Blue Mountains	107.22	358	IAMS_20	IAMS_20	07 36 28.8	
TROLL	Troll, Antarti	107.31	196	P	PKIKP	06 42 02.9	-0.7
P40A	Paris	107.55	337	IAMS_20	IAMS_20	07 33 30.5	
BGNE	Belgrade	107.68	343	IAMS_20	IAMS_20	07 31 08.9	
IMW	Indian Meadow	107.69	353	IAMS_20	IAMS_20	07 30 44.4	
U49A	Red Bank	107.78	331	IAMS_20	IAMS_20	07 36 16.7	
T47A	Sharon Grove	107.93	332	IAMS_20	IAMS_20	07 29 25.6	
P38A	Dawn	107.96	338	IAMS_20	IAMS_20	07 30 14.3	
W52A	Murphy	108.16	329	IAMS_20	IAMS_20	07 31 39.8	
S44A	Carbondale	108.17	334	IAMS_20	IAMS_20	07 29 57.9	
REDW	Red Top Meadow	108.21	353	IAMS_20	IAMS_20	07 31 12.7	
HLID	Hailey	108.34	355	IAMS_20	IAMS_20	07 31 49.6	
SNAAs	Snares	108.45	197	P	PKIKP	06 42 04.6	-1.1
SNAAs	Snares	108.45	197	P	PKIKP	06 42 04.2	-1.5
T45A	Paducah	108.52	334	IAMS_20	IAMS_20	07 30 36.3	
MFID	Camas Ranch	108.58	356	IAMS_20	IAMS_20	07 31 36.9	
CCM	Cathedral Cave	108.59	336	IAMS_20	IAMS_20	07 32 24.9	
PDAR	Pineda Array	108.64	351	PKIKP	PKIKP	06 42 05.8	-1.5
PDAR	Pineda Array	108.64	351	PKIKPbc	PKIKPbc	06 53 15.3	-1.6
R40A	Madison State	108.74	337	IAMS_20	IAMS_20	07 34 37.9	
AHID	Auburn Hatcher	108.83	353	IAMS_20	IAMS_20	07 31 43.3	
V48A	Smith Brothers	108.88	331	IAMS_20	IAMS_20	07 36 06.8	
WVT	Waverly	108.96	332	IAMS_20	IAMS_20	07 30 18.0	
X51A	Calhoun	109.02	329	IAMS_20	IAMS_20	07 31 17.5	
Y52A	Lilburn	109.24	328	IAMS_20	IAMS_20	07 31 12.5	
VNA2	Neumayer-Watz	109.29	199	P	PKIKP	06 42 09.1	+1.9
GOGA	Godfrey	109.33	328	IAMS_20	IAMS_20	07 32 05.1	
VNA1	Neumayer-Stat	109.39	199	P	PKIKP	06 42 08.1	+0.8
T42A	Van Buren	109.44	335	IAMS_20	IAMS_20	07 32 07.6	
S39A	Bolivar	109.64	337	IAMS_20	IAMS_20	07 32 14.7	
WVOR	Wild Horse Val	109.67	359	IAMS_20	IAMS_20	07 37 16.8	
154A	Montreat State	109.82	327	IAMS_20	IAMS_20	07 31 31.9	
HWUT	Hardware Ranch	110.03	353	IAMS_20	IAMS_20	07 32 20.0	
PLAL	Pickwick Lake	110.05	332	IAMS_20	IAMS_20	07 31 20.8	
255A	Hazlehurst	110.07	326	IAMS_20	IAMS_20	07 33 15.7	
X48A	Hartselle	110.07	331	IAMS_20	IAMS_20	07 31 08.4	
VNA3	Neumayer Olymp	110.09	199	P			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRKA Warakurna, HRA Herat, FORT Forrest, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 07 08:31:29, BRTR Keskin Arr B, etc.

NEIC 07 08:47:27.1±1.2, 18°15.0'±1.79°W, 0.1°, h641km, 7km, mb4.3/29, Error ellipse: s-maj=22.3km s-min=11.5km az=125.0

ISC 07 08:47:25.7±0.6, 18°15.0'±1.79°W, 0.1°, h622km, n65, ±149°7.0, mb4.2/25, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, PINNC Pines Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like USRK Ussuriysk Ar., N15K Kwethluk River, etc.

IDC 07 08:54:02.1±1.7, 23°56'S±179.48E, h530km, 17km, mb3.4/8, mbmp4.3/11, Error ellipse: s-maj=21.3km s-min=18.0km az=49.0

NEIC 07 08:54:02.1±1.8, 23°55.0'±1.79°E, 0.1°, h539km, 11km, mb4.4/27, Error ellipse: s-maj=20.5km s-min=14.7km az=122.0

NOU 07 08:54:04.3, 23°46'S±179.54E, h552km, mb4.3/11, South of Fiji Islands

ISC 07 08:54:03.1±0.6, 23°44'S±179.54E, 0.1°, h548km, n58, ±134°6.0, mb4.3/19, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, PINNC Pines Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KNRA Pilbara Seismi, PSAA00 Pilbara Seismi, etc.

NNC 07 09:00:05.8±6.1, 54°38'N, 87°11'E, h0km, mb3.0, mpv2.8, Error ellipse: s-maj=112.4km s-min=34.8km az=168.0, Suspected Mining explosion.

IDC 07 09:00:15.5±2.0, 54°05'N, 86°67'E, h0km, mbmp3.0/2, ML2.9/2, Error ellipse: s-maj=23.3km s-min=13.6km az=7.0

ISC 07 09:00:14.9±4.1, 54°11'N, 0°2'±86.8E, 0.2°, h0km, n7, ±19°06/7, 2C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, etc.

IDC 07 09:07:54.9±3.9, 53°63'N, 91°06'E, h0km, mbmp3.2/2, ML2.9/2, Error ellipse: s-maj=35.4km s-min=25.4km az=33.0

NNC 07 09:07:55.7±0.7, 53°97'N, 90°91'E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=59.6km s-min=49.8km az=3.0, Suspected Mining explosion.

ISC 07 09:07:54.6±4.5, 53°77'N, 0°2'±91.1E, 0.2°, h0km, n7, ±19°92/7, 3C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, etc.

JMA 07 09:11:21.3±0.2, 42°6'N, 0°6'±142°0E, 0.6, h35km, 1km, MD3.9/24, MV3.6/24, ISHIKARI DEPRESSION

JMA Fell II J1 at ISHIKARI DEPRESSION. NIED 07 09:11:21.4, 42°63'N, 141°97'E, h35km, MW3.7, Moment Tensor Solution, s Moment Tensor: Scale 10^14 N/m^2

ISC 07 09:11:20.9±0.9, 42°60'N, 0°3'±141°94E, 0.0°03, h33km, 2km, n41, ±0°98/36, mb3.8/12, 12D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIAM Iburiatsuma, JIBT2 Birator 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PVAQ Vaqueiros, EGRO El Granado, PMAFR Mafrá, etc.

IDC 07 09:29:45.1±1.9, 54.72N-83.77E, h0km, mbtmp3.0/3, ML2.5/3, Error ellipse: s-maj=18.1km s-min=10.7km az=15.0, Southwestern Siberia

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

IDC 07 09:37:43.9±2.8, 53.72N-86.71E, h0km, mbtmp2.9/2, ML2.7/2, Error ellipse: s-maj=25.0km s-min=14.2km az=68.0, Southwestern Siberia

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

IDC 07 09:48:53.6±1.0, 31.70S-58.35E, h0km, mb3.9/7, mbtmp3.9/7, MS3-3/4, Error ellipse: s-maj=33.5km s-min=27.5km az=68.0

ISC 07 09:48:55.9±1.0, 31.7S-02.583E-02, h14km, n20, c=0297/7, mb4.1/7, MS3.3/4, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, ASAR Alice Springs, WRA Warrungarra Arr, etc.

SDD 07 09:58:11.6±1.5, 18.22N-67.24W, h108km, gkm, MD3.5, ML3.0, MW3.2

RSPPR 07 09:58:11.6, 18.23N-67.27W, h102km, MD2.6/17

ISC 07 09:58:10.8±1.6, 18.24N-0.09-67.27W, 0.04, h104km, gkm, n44, c=050/54, 25C-6D, Mona Passage

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

IDC 07 10:41:13.0±7.6, 36.98S-94.33W, h0km, mb4.0/3, mbtmp3.9/4, ML4.1/1, MS3.4/4, Error ellipse: s-maj=29.07km s-min=37.8km az=38.0, West Chile Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

IDC 07 11:03:34.8±1.9, 18.10S-177.97W, h584km, s-min=19.2km, mb3.4/9, mbtmp4.3/11, Error ellipse: s-maj=24.6km s-min=17.2km az=94.0

ISC 07 11:03:38.0±0.6, 18.1S-0.1x177.6W-0.1, h600km, n55, c=1952/59, mb4.2/27, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, CPUZ Villa Florida, BDFB Brasilia, etc.

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

IDC 07 10:50:34.3±1.3, 53.53N-171.32E, h0km, mb3.6/3, mbtmp3.6/8, Error ellipse: s-maj=28.8km s-min=25.2km az=14.0

KRSC 07 10:50:45.0±1.2, 52.73N-171.15E, h44km, 26km, ML4.2, ISC 07 10:50:39.7±0.7, 53.5N-0.1x171.36E-0.06, h23km, n27, c=311/25, mb3.6/7, Near Islands

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

IDC 07 10:58:43.6±3.5, 42.61N-142.03E, h48km, 38km, mb3.3/6, mbtmp3.5/6, MS2.4/2, Error ellipse: s-maj=33.1km s-min=24.8km az=76.0

JMA 07 10:58:43.0±0.2, 42.71N-0.7x142.0E-0.6, h31km, 1km, ISC 07 10:58:43.0±0.2, 42.71N-0.7x142.0E-0.6, h31km, 1km, JMA Feil Ji at ISHIKARI DEPRESSION

ISC 07 10:58:42.4±0.8, 42.62N-0.03-141.36E-0.03, h33km, 5km, n26, c=079/29, mb3.4/6, Hokkaido region

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

IDC 07 11:03:38.0±0.6, 18.1S-0.1x177.6W-0.1, h600km, n55, c=1952/59, mb4.2/27, Fiji Islands region

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

7d 13h

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Table with columns: Code, Station Name, Az, Phase ID, Time, h, m, s, I, S, C. Includes stations like Pine Nut, Deep Springs, Yerington, Little Huntton, Mina Array Bea, Gold Mountain, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, h, m, s, I, S, C. Includes stations like Genyem, Merakue, Coen, Honiara, Mount Surprise, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, h, m, s, I, S, C. Includes stations like Meekatharra, Hachijo jima 2, Yeheng, etc.

ICD 07 13:07:12.6:0.7, 3:31S, 146:64E, h0km, mb4.5/20, mbmp4.5/20, MS4.6/36, Error ellipse: s-maj=29.5km s-min=13.6km az=91.0

MOS 07 13:07:13.5:0.8, 3:26S, 146:40E, h11km, mb5.1/27, MS4.7/47, Error ellipse: s-maj=12.8km s-min=6.5km bsz=106.2

BUJ 07 13:07:13.0:0.0, 3:41S, 146:71E, h14km, mb4.8/70, mb5.1/42, Ms5.0/75, Ms7.4/972

YSS	eS	S	13 23 31.3	+10		
YSS	pmax	pmax				
YSS	comp=Z,20nm,1.2s	pmax	pmax			
YSS	comp=Z,100nm,3.9s	MLR	MLR			
YSS	comp=Z,500nm,18.0s	MLR	MLR			
YSS	comp=N,400nm,17.0s	MLR	MLR			
HNS	HongShan	50.26 327	PP	P	13 16 10.4	-0.7
HNS			PP	P	13 18 04.6	-2.1
HNS			S	S	13 23 18.6	-4.0
HNS	comp=N,20nm,1.1s		pmax	pmax		
HNS	comp=N,1µm,18.3s		LR	LR		
HNS	comp=N,850nm,19.9s		LR	LR		
HNS	comp=N,1µm,19.9s		LR	LR		
PHRA	Phrae	50.64 297	P	P	13 16 14.4	+0.1
CN2	Changchun	50.67 340	eP	P	13 16 16.2	+2.1
CN2	comp=N,10.0nm,0.6s		pmax	pmax		
CN2	comp=N,100nm,3.0s		pmax	pmax		
CN2	comp=N,800nm,17.0s		LR	LR		
CN2	comp=N,700nm,17.0s		LR	LR		
CRAI	Chiangrai	51.13 299	P	I	13 16 18.1	0.0
CRAI	comp=Z,35nm,1.2s		I	Amb	13 16 25.5	
KMI	Kunming	51.17 306	PP	P	13 16 18.4	-0.1
KMI			SS	SS	13 27 11.5	-0.4
KMI	comp=Z,15nm,1.3s		pmax	pmax		
KMI	comp=Z,370nm,20.3s		LR	LR		
KMI	comp=Z,390nm,21.5s		LR	LR		
KMI	comp=Z,710nm,26.5s		LR	LR		
BJT	Baijiatou	51.44 330	P	P	13 16 21.7	+1.7
BJI	Beijing	51.45 330	P	P	13 16 19.2	-0.9
BJI			PP	PP	13 16 23.5	-2.3
BJI			SP	SP	13 16 25.7	-2.2
BJI			PP	PP	13 18 16.9	-0.6
BJI			S	S	13 23 35.7	-3.4
BJI	comp=Z,5.0nm,1.3s		pmax	pmax		
BJI	comp=Z,77nm,3.5s		pmax	pmax		
BJI	comp=Z,400nm,21.3s		LR	LR		
BJI	comp=Z,350nm,19.6s		LR	LR		
BJI	comp=Z,510nm,20.7s		LR	LR		
XAN	Xi'an	51.47 319	PP	P	13 16 19.2	-1.2
XAN			PP	PP	13 16 23.7	-2.3
XAN			SP	SP	13 16 26.2	-2.0
XAN			SS	SS	13 27 16.2	+0.3
XAN	comp=Z,11nm,1.5s		pmax	pmax		
XAN	comp=Z,850nm,22.7s		LR	LR		
XAN	comp=Z,720nm,23.5s		LR	LR		
XAN	comp=Z,1µm,22.7s		LR	LR		
CMAR	Chiang Mai Arr	51.77 297	P	P	13 16 22.4	-0.5
CMAR	Chiang Mai Arr	51.77 297	P	P	13 16 22.9	0.0
CMAR	comp=Z,7.3nm,1.0s,baz=113,slow=5.7,SNR=26		LR	LR	13 39 49.3	
CMAR	comp=Z,259nm,18.4s,baz=110,slow=38		LR	LR		
CMAR	comp=Z,7.3nm,1.0s		LR	LR		
BNX	BinXian	51.79 343	PP	P	13 16 24.5	+2.0
BNX	comp=Z,27nm,1.3s		pmax	pmax		
BNX	comp=Z,350nm,13.6s		LR	LR		
BNX	comp=Z,410nm,15.7s		LR	LR		
BNX	comp=Z,550nm,17.7s		LR	LR		
CHTO	Chiang Mai	51.89 297	P	I	13 16 23.3	-0.4
CHTO	comp=Z,21nm,1.1s		I	Amb	13 16 30.8	
CHTO	Chiang Mai	51.89 297	P	P	13 16 23.3	-0.4
CHTO	comp=Z,21nm,1.2s		pmax	pmax		
PZH	PanZhihua	52.60 307	P	P	13 16 30.4	+1.3
PZH			S	S	13 23 51.1	-4.5
PZH			SS	SS	13 27 29.7	-4.6
PZH	comp=Z,10.0nm,1.6s		pmax	pmax		
PZH	comp=Z,110nm,5.5s		pmax	pmax		
PZH	comp=Z,310nm,20.4s		LR	LR		
PZH	comp=Z,410nm,18.8s		LR	LR		
PZH	comp=Z,620nm,17.3s		LR	LR		
CD2	Chengdu	52.23 313	P	P	13 16 33.7	+0.1
CD2	comp=Z,30nm,0.5s		pmax	pmax		
CD2	comp=Z,130nm,5.3s		pmax	pmax		
CD2	comp=Z,630nm,14.9s		LR	LR		
CD2	comp=Z,810nm,17.1s		LR	LR		
KLR	Kul'dur	53.94 348	P	P	13 16 38.1	-0.3
KLR	comp=Z,3.1nm,0.9s,baz=145,slow=11,SNR=5.9		LR	LR	13 35 50.5	
KLR	comp=Z,443nm,21.7s,baz=161,slow=32		LR	LR		
KLR	comp=Z,3.1nm,0.9s		LR	LR		
KLR	Kul'dur	53.94 348	eP	P	13 16 39.4	+1.1
KLR	comp=Z,14nm,1.7s		pmax	pmax		
TYV	Tymovskoe	54.10 357	eP	P	13 16 52.4	+1.3
TYV	comp=Z,13nm,1.5s		pmax	pmax		
TYV	comp=Z,100nm,3.2s		pmax	pmax		
HHC	Hu-ho-hao-te	54.43 328	eP	P	13 16 43.8	+1.6
HHC			S	S	13 24 20.4	+0.4
HHC			SS	SS	13 24 29.3	0.0
HHC			SS	SS	13 28 03.2	+0.5
HHC	comp=Z,20nm,0.8s		pmax	pmax		
HHC	comp=Z,88nm,4.1s		pmax	pmax		
HHC	comp=Z,660nm,18.3s		LR	LR		
HHC	comp=Z,900nm,17.6s		LR	LR		
HHC	comp=Z,1µm,17.6s		LR	LR		
XLT	XiLinHaoTe	54.47 333	eP	P	13 16 45.4	+2.9
XLT			SS	SS	13 28 03.3	+0.1
XLT	comp=Z,110nm,4.2s		pmax	pmax		
XLT	comp=Z,70nm,17.3s		LR	LR		
XLT	comp=Z,320nm,15.0s		LR	LR		
XLT	comp=Z,880nm,18.1s		LR	LR		
TNCH	TengChong	54.58 304	eP	P	13 16 45.3	+1.6
TNCH			S	S	13 24 24.4	+1.7
TNCH			SS	SS	13 24 34.4	+2.0
TNCH	comp=Z,150nm,4.4s		pmax	pmax		
TNCH	comp=Z,180nm,17.3s		LR	LR		
TNCH	comp=Z,160nm,16.3s		LR	LR		
TNCH	comp=Z,550nm,19.9s		LR	LR		
RAR	Rarotonga	54.93 114	LR	LR	13 39 10.9	
RAR	comp=Z,142nm,18.4s,baz=272,slow=35		LR	LR		

BTO	Baotou	55.10 326	eP	P	13 16 49.1	+2.0
BTO			pP	pP	13 16 53.7	+0.9
BTO			SP	SP	13 16 56.0	+0.3
BTO			S	S	13 24 32.9	+3.9
BTO			SS	SS	13 24 38.9	+0.5
BTO			SS	SS	13 28 17.1	+3.8
BTO	comp=Z,19nm,0.5s		pmax	pmax		
BTO	comp=Z,260nm,4.4s		pmax	pmax		
BTO	comp=Z,2µm,25.9s		LR	LR		
BTO	comp=Z,1µm,22.2s		LR	LR		
BTO	comp=Z,2µm,24.8s		LR	LR		
HEH	HeiHe	55.91 345	eP	P	13 16 51.9	-0.6
HEH	comp=Z,7.0nm,1.1s		pmax	pmax		
HEH	comp=Z,390nm,17.1s		LR	LR		
HEH	comp=Z,410nm,15.2s		LR	LR		
HEH	comp=Z,730nm,16.0s		LR	LR		
LZH	Lanzhou	56.02 318	eP	P	13 16 53.3	-0.6
LZH			SP	SP	13 17 05.6	+3.2
LZH			S	S	13 24 42.7	+1.1
LZH	comp=Z,19nm,1.0s		pmax	pmax		
LZH	comp=Z,280nm,20.4s		LR	LR		
LZH	comp=Z,880nm,18.6s		LR	LR		
PETK	Petrovsk	57.00 8	P	P	13 16 59.6	-0.7
PETK	Petrovsk	57.00 8	P	P	13 17 00.0	-0.3
PETK	comp=Z,4.7nm,1.0s,baz=178,slow=6.3,SNR=3.0		LR	LR	13 36 56.0	
PETK	Petrovsk	57.05 9	eP	P	13 17 07.2	+6.6
PETK			eS	S	13 25 01.0	+6.8
PETK	comp=Z,6.0nm,0.8s		pmax	pmax		
PET			MLR	MLR		
HIA	Hailar	57.37 339	P	P	13 17 08.3	+5.3
ZEA	Zeya	59.16 347	eP	P	13 17 20.9	+5.5
SHEM	Shemys Is, Ala	60.45 19	LR	LR	13 39 33.3	
SHEM	comp=Z,405nm,20.6s,baz=266,slow=32		LR	LR		
GTA	Gaotai	60.53 319	eP	P	13 17 25.0	-0.3
GTA			S	S	13 25 35.4	-4.8
GTA	comp=Z,5.0nm,0.8s		pmax	pmax		
GTA	comp=Z,420nm,18.9s		LR	LR		
GTA	comp=Z,380nm,18.2s		LR	LR		
GTA	comp=Z,410nm,18.2s		LR	LR		
ULN	Ulaanbaatar	61.65 331	P	I	13 17 33.1	+0.3
ULN			I	Amb	13 17 39.9	
ULN	Ulaanbaatar	61.65 331	P	P	13 17 33.1	+0.3
ULN	comp=Z,14nm,1.2s		pmax	pmax		
SONM	Songino Array	61.95 330	P	P	13 17 34.2	-0.5
SONM	comp=Z,28nm,1.7s		I	Amb	13 17 43.6	
SONM	Songino Array	61.95 330	P	P	13 17 34.2	-0.5
SONM	comp=Z,2.4nm,0.9s,baz=133,slow=7.2,SNR=8.5		LR	LR	13 43 41.3	
MA2	Magadan	62.80 2	LR	LR	13 46 11.1	
PPT	Papeete	63.96 108	LR	LR	13 43 38.1	
PPT2	Papeete2	63.96 108	eS	S	13 26 26.8	+2.6
PPT2	comp=Z,183nm,31.8s		eS	SS	13 30 31.4	-1.7
PPT2	comp=Z,122nm,24.8s		eLQ	LQ	13 34 11.9	
PPT2	comp=Z,786nm,29.0s		eLR	LR	13 36 55.8	
PPT2	comp=Z,498nm,27.5s		eLR	LR	13 36 58.7	
PPT2	comp=Z,371nm,32.5s		eLR	LR	13 36 58.7	
TBI	Tubuai	64.70 114	eS	S	13 26 35.1	+2.1
TBI	comp=Z,1µm,29.5s		eLQ	LQ	13 34 35.9	
TBI	comp=Z,6µm,35.0s		eLR	LR	13 37 17.3	
TBI	comp=Z,7µm,34.8s		eLR	LR	13 37 18.7	
TBI	comp=Z,1µm,39.2s		eLR	LR	13 37 18.7	
ZAK	Zakamensk	65.18 331	eP	P	13 17 55.2	-0.8
ZAK			pmax	pmax		
IRK	Irkutsk	65.95 333	eP	P	13 18 05.8	+4.9
IRK			pmax	pmax		
SEY	Seymchan	66.23 3	eP	P	13 18 04.4	+2.0
SEY			pmax	pmax		
YAK	Yakutsk	66.48 351	eP	P	13 18 04.5	+0.5
YAK			e	e	13 18 34.3	
YAK			e	e	13 20 25.4	
YAK			eS	S	13 26 55.9	+2.6
YAK			e	e	13 28 04.0	
YAK			eSS	SS	13 31 10.5	0.0
YAK	comp=Z,18nm,1.3s		pmax	pmax		
YAK	comp=E,3.0nm,1.3s		pmax	pmax		
YAK	comp=N,7.0nm,1.5s		pmax	pmax		
YAK	comp=Z,168nm,3.5s		pmax	pmax		
YAK	comp=E,167nm,3.3s		pmax	pmax		
YAK	comp=N,151nm,3.4s		smax	smax		
YAK	comp=E,245nm,4.1s		smax	smax		
YAK	comp=N,160nm,3.5s		smax	smax		
MOY	Mondy	67.11 331	eP	P	13 18 12.4	+4.0
MOY			pmax	pmax		
WMQ	Urumqi	70.60 319	eP	P	13 18 32.6	+2.4
WMQ			pmax	pmax		
WMQ	comp=Z,50nm,0.9s		pmax	pmax		
WMQ	comp=Z,210nm,4.5s		LR	LR		
WMQ	comp=Z,450nm,17.3s		LR	LR		
WMQ	comp=Z,350nm,17.3s		LR	LR		
WMQ	comp=Z,210nm,15.5s		LR	LR		
BILL	Bilibino	72.53 8	eP	P	13 18 42.7	+1.4
BILL			e	e	13 19 01.1	
BILL			eP	eP	13 21 23.2	
BILL			pmax	pmax	13 23 07.3	
BILL	comp=Z,15nm,1.2s		MLR	MLR		
BILL	comp=Z,206nm,19.0s		MLR	MLR		
TAOE	Nuku Hiva Isla	72.85 98	eS	SKIKP	13 28 14.1	-3.3
TAOE	comp=Z,101nm,27.4s		eSS	SS	13 32 48.0	-2.8
TAOE	comp=Z,86nm,27.4s		eLQ	LQ	13 37 43.0	
TAOE	comp=Z,774nm,25.9s		eLR	LR	13 41 00.4	
TAOE	comp=Z,424nm,24.6s		eLR	LR	13 41 00.4	
DGZ	Jazzator, Alta	73.31 324	eP	P	13 18 45.9	-0.6
DGZ			pmax	pmax		
ZSN	Zaisan	73.90 321	eP	P	13 18 49.9	-0.9
ZSN	comp=Z,19nm,1.0s		pmax	pmax		

7d 15h

Table with columns: LOT, JAVC, BLDU, WRAC, VRAC, etc. and rows of station data including Lotru, Velika Javorina, Ballidu, etc.

Table with columns: KHC, GERES, MORH, etc. and rows of station data including Kasperske Hory, Geres, Morh, etc.

Table with columns: RAYN, MMAI, EZN, DAVOX, etc. and rows of station data including Ar Rayn, Mount Meron Ar, Ezine, etc.

Table with columns: KBN, RCNA, TIP, TXAR, etc. and rows of station data including Korca, Norcia, Tip, etc.

Table with columns: PGAV, MVO, ESCD, MTE, PMRV, PVAO, QSPA, SNA, BDFB, etc. and rows of station data including Gaveira, Moncorvo, Sonseca, etc.

Table with columns: WRA, ASAR, MKAR, etc. and rows of station data including Warrungarra Arr, Alice Springs, Makanchi Array, etc.

Table with columns: ISN 07 13:59:09.9, 3, 34, 31, 1N, 46, 32E, h25km, 155km, ML2.6, Western Iran

Table with columns: TEH 07 13:59:50.9, 34, 57N, 46, 13E, h10km, 67km, ML2.8, Western Iran

Table with columns: JMA 07 14:04:08.5, 0.2, 42, 4N, 0.8, 142, 76E, 1.0, h75km, 1km, MV3, 3/29, H4KKA REGION

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Table with columns: JOT, JHR, JKK, etc. and rows of station data including Ohata, Hokuryu, Kamakawa, etc.

Table with columns: ASAJ, MJAR, H1N2, etc. and rows of station data including Asahikawa, Matsushiro Arr, WAKE ISLAND, etc.

Table with columns: MKAR, KURBB, BVAR, WRA, FINES, ASAR, HFS, etc. and rows of station data including Makanchi Array, Kurbb, Bvar, etc.

Table with columns: ROM 07 14:44:53.0, 1, 43, 092N, 0, 004, 13, 218E, 0, 005, h4km, ML0.8/4, 2C, Error ellipse: s-maj=0.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. and rows of station data including Cessapalombo, Pievafavera, Gualdo di Mace, etc.

Table with columns: FEM, MC2, MF5, MNO1, EL6, EL6, LATE, SF01, PGGIO, MNTV, MNTV, DST2, GORR, etc. and rows of station data including Monte Fema, Monte Cornacci, etc.

Table with columns: ROM 07 14:45:23.1, 0.1, 41, 856N, 0, 010, 14, 863E, 0, 007, h16km, 1km, ML1.7/12, 1C-1D, Error ellipse: s-maj=1.1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. and rows of station data including Lupara (CB), T1412, T1412, etc.

Table with columns: FRES, MELA, MELA, MELA, MELA, MELA, TRIV, BSSO, MID, INTR, etc. and rows of station data including Fresagrandin, Melanico, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. and rows of station data including MANU, PMG, COEN, etc.

Table with columns: WBO, WR0, WR0, WRA, WRA, WRA, etc. and rows of station data including Warrungarra Arr, Warrungarra Arr, etc.

Table with columns: KNRA, AS31, ASAR, ASAR, ASAR, FITZ, DZM, KAPI, JNU, NWAO, PETK, etc. and rows of station data including Kununurra, Alice Springs, etc.

Table with columns: ZALV, KURBB, QSPA, QSPA, etc. and rows of station data including Zalesovo Beam, Kurbb, South Pole Qui, etc.

Table with columns: NNC 07 14:58:09.9, 5, 8, 36, 82N, 70, 27E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=6.1km s-min=3.2km az=55.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. and rows of station data including Almayashu, Kararay Array, etc.

Table with columns: UCH, EKS2, AAK, AAK, KBK, CHMS, TKM2, TKM2, MDK, AB31, etc. and rows of station data including Uch, Erkin-Say, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. and rows of station data including WRA, ASAR, ASAR, DZM, MKAR, ILAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. and rows of station data including PMG, WRA, WRA, ASAR, CMAR, KSR, CMAR, MKAR, ILAR, etc.

7d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CUKAN kangal_SIVAS, DARE Darende-Malaty, CUGUR Gurin_SVAS, etc.

TEH 07 16:42:10.9, 32.84N, 46.01E, h10km, ML2.8
ISN 07 16:42:10.3, 40.3, 32.84N, 45.88E, h10km, 4km, ML3.0

ISC 07 16:42:12.2, 1.7, 32.87N, 0.10, 46.01E, h10km, n10,
o133/14, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IBDR Badra, ILBA Ilam Banvizeh, GLG1 Gilan-e-Gharb, etc.

IDC 07 17:05:40.4, 2.9, 10.35S, 121.38E, h0km, mb3.7/1,
mbmp3.3/3, ML2.9/2, Error ellipse: s-maj=268.0km
s-min=32.7km az=51.0

DJA 07 17:05:45.0, 3.0, 10.3, 121.2E, h10km, M3.1/7,
ML3.5/17

ISC 07 17:05:44.2, 1.0, 9.92S, 0.06, 121.97E, h10km, n10,
o184/12, Savu Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EDFI Ende, FAKI Fak Fak, BAKI Baki, etc.

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Table with columns: BASI, BAEI, BOEI, WBSI, BSSI, WRA, ASAR, MKAR. Includes station names and coordinates.

IDC 07 17:14:33.8, 0.4, 8.26S, 116.64E, h0km, mb4.4/20,
mbmp4.4/21, ML4.3/1, MS3.9/43, Error ellipse:
s-maj=17.2km s-min=9.9km az=61.0

MOS 07 17:14:34.9, 0.1, 8.29S, 116.67E, h21km, mb5.0/35, Error
ellipse: s-maj=12.2km s-min=5.8km az=115.8

DJA 07 17:14:36.1, 0.4, 8.2S, 117.7E, h13km, 3km, M4.8/27,
mb5.2/13, mb5.0/27, MLv5.2/20, Mw(mb)4.6/13

GCMT 07 17:14:38.1, 0.3, 8.28S, 0.02, 116.70E, 0.03, h21km, 1km,
MW4.9/75, Moment Tensor Solution. s29.c36; s75.c11/3;
Duration: 0 Moment tensor: Scale 10^16Nm; Mr: 2.13; 16;
Mw: 1.95; 10; Mw: 0.17; 10; Mw: 2.16; 19; Mw: 0.14; 07;
Mw: 0.26; 20; Best double couple: M2.98400x10^16
NP1: 273.00000, 0.68, 00000, 1.95, 00000; NP2:
0.79, 00000, 8.22, 00000, 1.77, 00000; Principal axes: T
3.0870, P16.66, 0000; Azm193.0000; N -0.2010,
Plg55.0000; Azm391.0000; P -2.8810, Plg23.0000;
Azm359.0000; nst2 refers to surface waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rater function

NEIC 07 17:14:38.1, 1.9, 8.38S, 0.06, 116.64E, 0.05, h26km, 4km,
mb5.0/91 Error ellipse: s-maj=9.5km s-min=6.9km
az=168.0

ISC 07 17:14:35.7, 0.3, 8.42S, 0.03, 116.64E, 0.03, h10km, n360,
o1568/354, mb4.9/10, MS4.0/59, 14C-6D, Sumbawa

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KLNI Mataram, WBSI Waikabubak, etc.

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Table with columns: RPSI, GSI, DLU, BLDU, ASAR, MKAR, etc. Includes station names and coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Yuchr, Sun Moon Lake, Ta-pu, etc.

ASRS 07 18:24:04.0:8.0, 48°N, 146°W, h10km, MLh3.1/8, Error ellipse: s-maj=8.9km s-min=4.2km az=172.3, confirmed

Main table for ASRS stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Zaisan, Makanchi Array, etc.

IDC 07 18:35:12.4:4.5, 15.725°S x 172.44°W, h667km, 45km, mb2.8/4, mbtmp4.0/5, Error ellipse: s-maj=153.0km s-min=27.1km az=148.0, Samoa Islands region

Table for MSFV stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nonsavu, Stephens Creek, etc.

DNK 07 18:40:07.2:5.0, 68.60°N, 152.70°W, h24km, 12km, ML1.7, Western Kalaallit Nunaat

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

CATAC 07 18:48:57.5:0.9, 14°N, 92°W, h83km, 14km, ML3.9, MEX 07 18:48:58.3:0.6, 14°N, 92°W, h83km, 8km, MD4.2

Table for CATAC stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THIG, PAVE, Union Juarez, etc.

SOCI 07 18:48:57.2:1.3, 14°N, 92°W, h87km, 10km, n27, r193/52, Near coast of Chiapas

Table for SOCI stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kika Raquxin, Comitán, etc.

IDC 07 18:56:41.7:1.4, 8°S, 127°W, h0km, mb3.6/3, mbtmp3.7/5, ML3.9/2, MS3.4/3, Error ellipse: s-maj=252.2km s-min=23.8km az=62.0

NEIC 07 18:56:44.2:1.4, 7.95°S, 102.129°S, e1.0, h10km, 2km, mb4.2/5, Error ellipse: s-maj=16.9km s-min=3.2km az=85.0

IDC 07 18:56:42.5:0.8, 8°S, 106°W, 129°E, h10km, n23, r187/24, mb3.7/4, Timor Sea

Table for SOCI and IDC stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAUI, MTN, SOEI, etc.

PSA00 Pilbara Seismi 16.26 213 Pn P 19 00 30.0 -1.2

BB00 Buckleboo 25.47 167 P P 19 02 17.2 +1.8

SEY Seymchan 72.92 11 LR LR 19 41 43.3

NEIC 07 18:57:56.7:0.6, 56°S, 125°W, h75km, 10km, mb4.4/14, Error ellipse: s-maj=15.8km s-min=1.2km az=52.0

IDC 07 18:57:59.8:3.6, 56°S, 175°W, h107km, 31km, mb4.0/6, mbtmp4.3/7, MS2.7/1, Error ellipse: s-maj=31.6km s-min=17.9km az=79.0

IDC 07 18:57:58.6:0.6, 56°S, 125°W, h100km, n34, r207/32, mb4.3/10, South Sandwich Islands region

Table for NEIC and IDC stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Hope Point, Neumayer-Stat, etc.

VNA2 Neumayer-Watz 17.00 158 Pn P 19 01 51.2 +1.4

SNAAS Sanae 18.55 156 P P 19 02 06.5 -0.4

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

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SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

SNAAS Sanae 18.55 156 P P 19 02 07.4 +0.3

Table with columns for station name, frequency, and other technical details. Includes stations like MORI, UNAC-PIVA, BANJA LUKA, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like SOKA, OBKA, OBKA, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like GEC2, GEC2, GEC2, etc.

7d 20h

Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., pmax, pmax, LR, LR, P, P, 20 51 38.0 +1.4).

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Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., MILA Mila, VLAKA Lakatoro, HIA Hailar, HIA Hailar).

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Table with columns for station ID, name, coordinates, and various signal quality metrics (e.g., MSVF MSVF, ZSN Zaisan, ZSN Zaisan, ZSN Zaisan).

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like AAK, MA2, USP, SGDS, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MHTO, JMDO, SMDO, NIUE, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like L14K, L14K, ABPO, ABPO, etc.

7d 20h

2018 SEP

Table with columns: Station ID, Name, Date, Time, and various numerical values. Includes stations like G18K Tagagawik, A19K Contact Creek, L18K Granite Mounta, etc.

Table with columns: Station ID, Name, Date, Time, and various numerical values. Includes stations like G21K Allakaket, G21K Allakaket, N20K Mount Spurr, etc.

Table with columns: Station ID, Name, Date, Time, and various numerical values. Includes stations like ADZR Port Wells, ADZR Port Wells, ADZR Port Wells, etc.

C27K	Jago River	87.92	21	P	P	20 56 37.2	+1.5
KAIM	Kayak Island	87.98	30	P	P	20 56 37.5	+1.3
G26K	Porcupine River	88.00	23	P	P	20 56 37.3	+1.2
APA	Apattity	88.02	337	i	p	20 56 34.2	-2.0
APA	comp-Z,24nm,1.0s				pmx		
APA	MLR				MLR		
SCRK	Sand Creek	88.03	26	P	P	20 56 37.4	+0.9
MMAI	Mount Meron Ar	88.07	303	P	P	20 56 37.5	+0.2
	comp-Z,46nm,0.9s,baz=88,slow=7.8,SNR=27						
J26L	Joseph Creek	88.19	26	P	P	20 56 37.5	+0.3
J26L	Joseph Creek	88.19	26	P	P	20 56 37.7	+0.5
VAH	Vaihoo	88.31	105	eP	P	20 56 39.5	+0.9
I26K	Coal Creek Min	88.33	25	P	P	20 56 38.7	+1.0
L26K	Log Cabin Wild	88.36	27	P	P	20 56 38.7	+0.8
L26K	Log Cabin Wild	88.36	27	P	P	20 56 39.1	+1.2
BGL0	Serintu Glacier	88.54	30	P	P	20 56 40.1	+1.3
M26K	Nabesna, AK	88.55	28	P	P	20 56 40.3	+1.3
CRQM	Crirque	88.58	29	P	P	20 56 40.1	+0.9
EIL	Elat	88.58	299	P	P	20 56 39.3	-0.4
	comp-Z,25nm,1.0s,baz=61,slow=2.8,SNR=14						
MCARA	McCarthy VSAT	88.60	29	P	P	20 56 39.9	+0.8
CRQE	Crirque	88.60	29	P	P	20 56 40.6	+1.3
SIM	Simferopol'	88.60	315	eP	P	20 56 37.9	-1.5
SIM					eS	21 00 08.9	
SIM					eS	20 56 56.6	+8.1
SIM	comp-Z,73nm,0.7s				pmx		
SIM	comp-Z,13um,13.4s				pmx		
SIM	smx				smx		
E27K	Coleen River	88.76	22	P	P	20 56 41.0	+1.3
BZK	Bozkurt	88.82	312	P	P	20 56 41.2	+0.7
	comp-N,222nm,1.7s						
G27K	Doyon Strip	88.84	23	P	P	20 56 41.0	+0.9
G27K	Doyon Strip	88.84	23	P	P	20 56 41.6	+1.4
K27K	Chicken	88.87	26	P	P	20 56 41.8	+1.5
D27M	Malcolm River	88.91	21	P	P	20 56 41.9	+1.5
H27K	Stemboat Moun	88.94	24	P	P	20 56 41.6	+1.0
I27K	Kandik River	88.95	24	P	P	20 56 42.1	+1.3
KIRS	Kirsehir-Merke	89.02	309	i	P	20 56 40.9	-0.7
L27K	Seaver Creek	89.05	27	P	P	20 56 42.3	+1.1
BCAR	Beaver Creek A	89.07	27	P	P	20 56 41.9	+0.6
M27K	Edge Creek, AK	89.08	28	P	P	20 56 42.3	+0.9
M27K	Edge Creek, AK	89.08	28	P	P	20 56 42.0	+0.5
MESA	MESA	89.20	30	P	P	20 56 42.4	+0.3
BR104	Keskin Array S	89.20	310	P	P	20 56 41.4	-1.2
	comp-Z,1.7nm,0.8s,comp=N,1.3nm						
BR131	Keskin Array S	89.20	310	I	Amb	20 56 45.0	
	comp-Z,1.9nm,0.8s						
BR131	Keskin Array S	89.20	310	P	P	20 56 43.2	+0.6
	SNR=5.3						
BR131	Keskin Array S	89.20	310	eP	P	20 56 41.7	-0.9
BRTR	Keskin Array B	89.20	310	P	P	20 56 40.9	-1.7
BRTR	Keskin Array B	89.20	310	P	P	20 56 41.5	-1.1
BRTR	comp-Z,1.3nm,0.8s,baz=124,slow=3.8,SNR=21						
BRTR	comp-Z,1.0nm,1.1s,baz=116,slow=5.6,SNR=6.1						
EGAK	Eagle	89.21	25	P	P	20 56 42.9	+1.0
BR106	Keskin Array S	89.22	310	P	P	20 56 41.5	-1.1
BR105	Keskin Array S	89.22	310	P	P	20 56 41.4	-1.3
	comp-Z,1.8nm,0.8s,comp=N,1.52nm						
VADS	Vadso	89.30	340	eP	P	20 56 40.5	-1.6
LODK	Lodwar	89.35	273	I	Amb	20 56 46.4	
	comp-Z,70nm,2.0s						
LODK	Lodwar	89.35	273	P	P	20 56 44.3	+0.6
CTG	Chitna Glacier	89.44	29	P	P	20 56 44.5	+1.3
CTGM	Chitna Glacie	89.44	29	I	Amb	20 56 45.9	
	comp-Z,1.9nm,0.7s						
F28M	Old Crow	89.46	22	P	P	20 56 43.8	+0.8
E28M	Babbage River	89.48	21	P	P	20 56 43.7	+0.6
E28M	Babbage River	89.48	21	P	P	20 56 44.3	+1.2
VALR	Valaam	89.51	331	d	P	20 56 42.0	-1.3
	comp-Z,64nm,1.2s				pmx		
HOPEN	Hopen	89.63	347	eP	P	20 56 43.6	0.0
I28M	Miner Creek	89.66	25	P	P	20 56 44.9	+0.8
CSS	Mathiatis	89.70	305	P	P	20 56 44.3	-0.5
CSS	comp-Z,44nm,0.8s				I	Amb	
CSS	Mathiatis	89.70	305	P	P	20 56 44.4	-0.4
YUK3	Moose Creek	89.79	28	P	P	20 56 45.5	+0.6
ANTO	Ankara	89.84	310	P	P	20 56 45.6	+0.1
ANTO	Ankara	89.84	310	i	P	20 56 45.2	-0.3
ANTO	Ankara	89.84	310	P	P	20 56 45.2	-0.3
ANTO	Ankara	89.84	310	P	P	20 56 44.9	-0.6
O28M	Mount Upton	90.02	29	P	P	20 56 46.9	+0.9
DAWY	Dawson	90.04	26	P	P	20 56 46.9	+1.1
E29M	Blow River	90.11	22	P	P	20 56 46.9	+0.9
KEV	Kevo	90.15	340	P	P	20 56 44.6	-1.5
KEV	comp-Z,17nm,0.9s				I	Amb	
KEV	Kevo	90.15	340	P	P	20 56 44.6	-1.5
	comp-Z,17nm,0.9s				pmx		
YUK8	Steele Glacier	90.17	29	P	P	20 56 47.7	+1.0
H29K	Whitestone	90.21	24	P	P	20 56 47.7	+1.3
G29M	Pine Creek	90.26	23	I	Amb	20 57 37.5	
G29M	Pine Creek	90.26	23	P	P	20 56 47.6	+0.8
I29M	Ogilvie Camp	90.35	25	P	P	20 56 48.1	+0.9
PNL	Peninsula	90.53	30	P	P	20 56 49.5	+1.3
M29M	Somme Creek	90.65	28	P	P	20 56 49.8	+1.0
YUK4	Talbot Arm	90.70	29	P	P	20 56 50.3	+1.1
ARA0	ARCESS Array S	90.70	340	eP	P	20 56 47.6	-1.1
ARCES	ARCESS Array B	90.70	340	P	P	20 56 47.6	-1.2
ARCES	ARCESS Array B	90.70	340	P	P	20 56 47.8	-0.9
	comp-Z,36nm,0.9s,baz=77,slow=6.4,SNR=70				S		
ARCES	comp-Z,1.3nm,0.8s,baz=98,slow=6.6,SNR=4.2				S	21 06 56.1	-3.7
ARCES	PKKPbc	21 14 14.4	+2.0		PKKPdf		
L29M	L29M	90.72	27	P	P	20 56 49.9	+0.9
EPYK	Eagle Plains	90.85	24	P	P	20 56 50.4	+0.8
O29M	Mount Kennedy	90.86	30	P	P	20 56 51.4	+1.6
YUK6	Outpost Mounta	90.89	29	P	P	20 56 51.1	+1.1
K29M	Barlow Dome	90.89	26	P	P	20 56 51.1	+1.2

G30M	Aoah Zrai Nji	90.95	23	P	P	20 56 51.0	+1.1
F30M	Barrier River	91.02	22	P	P	20 56 51.1	+0.9
SPA0	Spitsbergen Ar	91.05	349	eP	P	20 56 50.2	-0.1
SPITS	Spitsbergen Ar	91.05	349	eP	P	20 56 50.0	-0.3
	comp-Z,65nm,0.7s,baz=101,slow=7.5,SNR=43						
SPITS	Spitsbergen Ar	91.05	349	P	P	20 56 50.1	-0.1
	comp-Z,1.05nm,0.8s				pmx		
HAMP	Hammerfest	91.11	341	eP	P	20 56 49.5	-1.1
I30M	Mount Dempster	91.17	25	P	P	20 56 51.9	+0.8
J30M	Hart River	91.29	25	P	P	20 56 52.9	+1.2
P29M	Windy Craggy	91.37	30	P	P	20 56 53.6	+1.5
P29M	comp-Z,14nm,0.8s				I	Amb	
P29M	Windy Craggy	91.37	30	pP	P	20 57 41.3	-1.5
P29M	Windy Craggy	91.37	30	P	P	20 56 52.9	+0.8
M30M	Minto, Yukon	91.40	27	P	P	20 56 52.9	+0.8
N30M	Aishikik Lake	91.43	28	P	P	20 56 53.5	+1.2
N30M	Aishikik Lake	91.43	28	pP	P	20 57 41.0	-2.2
N30M	Aishikik Lake	91.43	28	P	P	20 56 53.6	+1.2
AK09	Malin Array Si	91.43	321	P	P	20 56 51.4	-1.1
PURM	Purcari	91.46	321	i	P	20 56 52.0	-0.7
AKASG	Malin Array Be	91.46	321	P	P	20 56 50.5	-2.1
AKASG	Malin Array Be	91.46	321	P	P	20 56 51.1	-1.5
	comp-Z,8.7nm,0.7s,baz=88,slow=4.7,SNR=27				PP		
AKASG	comp-Z,0.4nm,0.5s,baz=80,slow=5.0,SNR=4.0				S	21 00 30.8	-2.6
AKASG	comp-Z,1.4nm,0.8s,baz=85,slow=5.0,SNR=4.5				S	21 07 01.6	-3.2
AKBB	Malin Array Si	91.46	321	I	Amb	20 56 53.4	
	comp-Z,1.4nm,0.7s						
AKBB	Malin Array Si	91.46	321	i	P	20 56 50.9	-1.7
AKBB	Malin Array Si	91.46	321	P	P	20 56 51.1	-1.5
KIEV	Kiev	91.47	321	P	P	20 56 50.4	-2.3
KIEV	Kiev	91.47	321	I	Amb	20 56 53.4	
KIEV	Kiev	91.47	321	P	P	20 56 51.0	-1.6
	comp-Z,13nm,0.7s						
KIEV	Kiev	91.47	321	i	P	20 56 51.7	-0.9
KIEV	Kiev	91.47	321	P	P	20 56 51.7	-0.9
KIEV	Kiev	91.47	321	P	P	20 56 51.7	-0.9
	comp-Z,74nm,0.8s						
BAL3X	Balox, Baltia	91.50	318	P	P	20 56 52.0	-0.9
KTK1	Kautokino	91.59	339	eP	P	20 56 51.9	-1.0
HSPB	Hornsund (broa	91.61	348	eP	P	20 56 53.1	+0.3
KBS	Kingsbay	91.61	350	eP	P	20 56 52.6	-0.1
KBS	Kingsbay	91.61	350	i	P	20 56 50.9	-1.8
P30M	Million Dollar	91.69	30	P	P	20 56 54.2	+0.6
G31M	Satah River	91.72	23	I	Amb	20 57 44.0	
G31M	Satah River	91.72	23	P	P	20 56 55.0	+1.6
	comp-Z,48nm,1.6s						
INK	Inuvik	91.72	21	P	P	20 56 53.8	+0.4
INK	Inuvik	91.72	21	pP	P	20 57 42.6	-1.4
INK	Inuvik	91.72	21	P	P	20 56 53.5	0.0
	comp-Z,2.3nm,0.4s,baz=207,slow=1.0,SNR=2.4				S	21 07 03.1	-2.4
INK	Inuvik	91.72	21	P	P	20 56 54.8	+1.4
	comp-Z,4.8nm,0.9s,baz=207,slow=30,SNR=14				S		
INK	Inuvik	91.72	21	P	P	20 56 53.8	+0.4
INK	Inuvik	91.72	21	*PP	P	20 57 42.6	-1.4
ISP	Isparta	91.76	308	eP	P	20 56 53.4	-1.1
	comp-Z,16nm,0.8s				pmx		
FINES	FINESS Array B	91.79	332	P	P	20 56 52.1	-1.7
FINES	FINESS Array B	91.79	332	P	P	20 56 52.7	-1.2
	comp-Z,2.0nm,0.7s,baz=48,slow=5.8,SNR=77				S		
FINES	comp-Z,2.8nm,0.9s,baz=90,slow=11,SNR=5.3				S	21 07 01.9	-4.2
F31M	Tsichtigichte	91.82	22	P	P	20 56 54.2	+0.4
	comp-Z,20nm,0.7s						
MNK	Minsk	91.83	325	i	P	20 56 53.5	-0.7
MNK	Minsk	91.83	325	i	PP	20 57 43.0	-1.9
MNK	Minsk	91.83	325	i	PP	21 00 35.4	
MNK	Minsk	91.83	325	i	PP	21 02 35.2	
MNK	Minsk	91.83	325	i	SS	21 07 06.1	-0.6
MNK	Minsk	91.83	325	i	SS	21 13 18.9	+2.2
MNK	Minsk	91.83	325	i	SSS	21 17 31.9	
MNK	Minsk	91.83	325	i	pmx		
MNK	Minsk	91.83	325	i	pmx		
	comp-Z,58nm,0.9s						
H31M	Peel River	91.91	24	P	P	20 56 55.4	+1.0
VSU	Vasula	91.92	329	d	P	20 56 53.1</	

7d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like DRGR, DEV, GZR, etc.

2018 SEP

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

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PFVI, SCHO, R32A, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BEO, RHSSO, PDG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HAPS Han Pijesak, BI, DOBOJ Dobojo, CEME Cevo, RUDO Rudo, etc.

NIED 07:20:49:09.8, 42°62'N; 141°95'E, h34km, MW3.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm; Mn5.41; Mm0.22; Mbb-5.63; Mm1-1.47; Mm2-6.22; Mm0.85; Fault plane solution: Ms6.92000x10^14. NP1: phi=357.00000; delta=49.00000; lambda=116.00000. NP2: phi=141.00000; delta=64.00000; lambda=163.00000. JMA 07:20:49:09.8, 0.1, 42.62, 141.95, 0.0, 6, 142.0E, 0.0, 6, h34km, 1km, MV3.6/28, ISHIKARI DEPRESSION. JMA Fell II J1 at ISHIKARI DEPRESSION. ISC 07:20:49:09.6, 1.1, 42.59, 141.95, 0.0, 0.03, h34km, 2km, n13, c063/22, 13D, Hokkaido region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JIAM Ibiriatsuma, JB2T Biratori 2, JSHD Hidakashinida, etc.

JMA 07:20:54:19.5, 0.4, 32°11'N; 142°2'E, h0km, MV3.4/25, E OFF HACHIOJIMA ISLAND. IDC 07:20:54:21.2, 2.4, 31°52'N; 141°10'E, h0km, mb3.7/3, mbtmp3.9/6, ML3.8/2, MS3.9/6, Error ellipse: s-maj=67.1km s-min=19.8km az=70.0. ISC 07:20:54:22.6, 1.1, 31.92, 141.06, 0.0, 6, 142.0E, 0.1, h35km, n21, c25/24/19, mb3.7/3, MS4.2/5, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JAOM Aogashimamukai, JHCJ Hachiojimakata, JHJ2 Mitsune, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SONM Sogino Array, MKAR Makanchi Array, WRA Warunganga Arr, etc.

ROM 07:20:54:29.1, 0.1, 42°70'N; 131°16'E; 0°004, h12km, ML1.8/22, Error ellipse: s-maj=0.3km s-min=0.2km az=111.0, Central Italy

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LNSS Leonessa, LNSS comp=E, 828um, 1.2s, LNSS comp=N, 961um, 0.2s, LNSS comp=E, 811um, 0.2s, LNSS comp=N, 959um, 0.1s, LNSS comp=E, 811um, 1.8s, NRCA Norcia, NRCA comp=N, 520um, 0.8s, NRCA comp=N, 520um, 0.8s, NRCA comp=E, 1195um, 0.5s, NRCA comp=N, 480um, 0.3s, NRCA comp=E, 1063um, 0.1s, NRCA comp=N, 968um, 0.1s, NRCA comp=N, 437um, 0.1s, NRCA comp=E, 1063um, 1.9s, NRCA comp=N, 968um, 1.9s, NRCA comp=N, 462um, 0.1s, SMA1 SAN MARTINO, SMA1 comp=E, 420um, 0.2s, MTRA Matera, MTRA comp=E, 1101um, 1.1s, MTRA comp=E, 1112um, 1.1s, MTRA comp=N, 1000um, 1.1s, MTRA comp=E, 1102um, 1.1s, MTRA comp=N, 982um, 1.1s, MTRA comp=E, 1112um, 1.1s, MTRA comp=E, 821um, 0.2s, MTRA comp=N, 972um, 0.3s, MTRA comp=N, 965um, 0.3s, MTRA comp=E, 812um, 0.3s, GAVE Gavelli, GAVE comp=N, 402um, 0.6s, GAVE comp=E, 758um, 0.1s, GAVE comp=N, 1262um, 0.3s, GAVE comp=E, 740um, 0.3s, GAVE comp=N, 377um, 0.2s, GAVE comp=E, 758um, 0.1s, GAVE comp=N, 1265um, 0.3s, GAVE comp=N, 739um, 0.3s, RM33 Pelicciotta, RM33 comp=N, 561um, 0.6s, RM33 comp=E, 557um, 0.9s, RM33 comp=E, 537um, 0.9s, RM33 comp=N, 562um, 0.6s, RM33 comp=N, 525um, 0.6s, RM33 comp=E, 527um, 0.2s, RM33 comp=E, 511um, 0.2s, RM33 comp=N, 426um, 0.1s, RM33 comp=N, 436um, 0.1s, CAMP Campotosto, CAMP comp=N, 52um, 0.7s, CAMP comp=E, 54um, 0.6s, ARRO Arrone, ARRO comp=N, 93um, 1.4s, ARRO comp=N, 108um, 0.1s, ARRO comp=N, 108um, 0.2s, ARRO comp=N, 99um, 0.2s, TERO Teramo, TERO comp=N, 144um, 1.5s, TERO comp=N, 204um, 0.1s, TERO comp=N, 94um, 0.1s, TERO comp=E, 129um, 0.1s, TERO comp=N, 108um, 0.9s, TERO comp=N, 203um, 0.1s, TERO comp=E, 108um, 1.1s, TERO comp=N, 122um, 0.3s, TERO comp=N, 107um, 1.1s, CESI Cesi-Serrava, CESI comp=E, 97um, 0.5s, CESI comp=N, 238um, 0.2s, CESI

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CESI comp=E, 81um, 0.3s, GUMA Guido di Mace, GUMA comp=N, 302um, 0.5s, CSP1 Cessapalomo, CSP1 comp=E, 296um, 0.5s, CSP1 comp=E, 109um, 0.9s, GIGS Gran Sasso, GIGS comp=N, 127um, 0.5s, GIGS comp=E, 21um, 0.3s, GIGS comp=N, 19um, 0.8s, FIAM Fiamignano, FIAM comp=N, 111um, 0.4s, FIAM comp=N, 70um, 0.0s, ASSB Assisi San Ben, ASSB comp=N, 54um, 0.7s, ASSB comp=E, 45um, 0.3s, ATCC AVT-Casa Cast, ATCC comp=N, 48um, 0.5s, ATCC comp=E, 45um, 0.3s, T010 Collepietro, T010 comp=N, 34um, 1.0s, T010 comp=E, 1um, 1.6s, MURB Mont Urbin, MURB comp=N, 67um, 0.3s, MURB comp=N, 126um, 0.1s, ARVD Arcveo, ARVD comp=N, 18um, 1.2s, ARVD comp=E, 24um, 1.0s

NEIC 07:20:54:57.6, 1.4, 45°60'S; 0°07'-77°5'W; 0.2, h14km, 7km, mb4.3/9, Error ellipse: s-maj=20.9km s-min=10.6km az=90.0, Off coast of southern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AY02 Valle Explorad, GO07 Milladeo Hill, AY09 Cochran, COYC Coyhaique, LL07 Hotel Espejo d, LL06 Loncomilla, GO08 Villa O'Higin, LL02 Futaleufu, LL01 San Ignacio de, LL05 Los Muermos, LL03 Petrohue, LL04 Puerto Octay, LR04 Corral, CO09 Cerro Castillo, LR05 Currie, MG05 Puerto Natales, PLCA Paso Flores, LR02 Puerto Saavedr, GC06 Curarrehue, MG04 Isla Riesco, GO10 Punta Arenas, MG03 Isla Dawson, BI02 San Fabin de, GO05 Huala, E002 Sierra Bellavi, BO01 Tunca, MT01 Popeta, BO04 La Punta, MT09 Talagante, LMEL Las Melosas, MTT13 San Antonio, LCO13 Universidad Ad, MT02 Curacag, PEL Peldehue, TRQA Torquist, VA06 Catafilco, MG04 San Esteban, EFI East Falkland, CO02 Combarbal, CO06 Fray Jorge, CO06 comp=Z, 377um, 1.2s, CO03 EI Pedregal, CO03 comp=Z, 14um, 0.8s, GO04 Tololo Observa, CO01 Juntas del Tor, LCO La Campanas, LCO comp=Z, 22um, 1.3s, AC05 EI Transito, CPUP Villa Florida, CPUP comp=Z, 4.1nm, 0.8s, BELA Belgrano 2, BELA comp=Z, 7.8nm, 1.5s

TEH 07:21:24:20.6, 29°49'N; 52°02'E, h11km, 21km, ML3.5 OMAN 07:21:24:21.0, 29°36'N; 52°18'E, h10km, mb4.4/12, m3.5/4, Error ellipse: s-maj=9.4km s-min=5.2km az=18.0. DSN 07:21:24:27.0, 2.0, 29°06'N; 52°32'E, h15km, ML3.2/12, Error ellipse: s-maj=12.9km s-min=7.5km az=45.0. IDC 07:21:24:39.5, 2.9, 30°82'N; 48°60'E, h0km, mb3.6/5, mbtmp3.6/5, Error ellipse: s-maj=63.7km s-min=33.8km az=140.0. ISC 07:21:24:19.9, 0.6, 29°45'N; 0°04'-52°07'E; 0°03, h10km, n85, c187/105, mb3.7/5, Southern Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KAZ2 Kazeron-Fars-I, KAZ2 Kazeron, SHZ Shiraz, AHBH AHRAH, QIR1 Qir, DSBU Dashti - Bushe, KLNJ Kolanjag, JHRM Jahrom, ABEH Behbahan, LMD1 Lamerd, IRAM Rameshah, IBRJ Brojen, LAR1 LAR, ISAD Sadrabad, ZWZ Zanganj, IMEH Mehriz, IGAR Garneher, JHBN Jahan bin, IPIR Pirpir, IZEF Zefreh, SHMA Al-Shemehia, SHMA Bahrain, KBD Kabad, KBD S, IKLH Kolehrood, KHGB Koh Gabri, NGRK Negar Kerman, ZRDN Zarand Kerman, KRSH Karshah, KRMI Kerman Provinc, TRNA Turayna, TRNA Chehmeshi madani, SMRA Abu-Samra, ISFB Seifidab, SHME Shamm, SHME Shamm, SHME Umm Al-Quwin, BDRS Dareh Seydi

7d 22h

Table with columns: VORD, Divnogorie, 146.79 279, ePKIKP, PKPdf, 22 33 41.7 -0.4, KARB, KARB, S, Sg, 22 34 43.9 +0.4, comp=E,2.6nm,0.3s,baz=27,slow=21,SNR=1.9

RHSSO 07 22:32:10.4,0.5,44,14N,16.20E,h5km,ML1.3/4,3D, Northwestern Balkan Peninsula

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

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

2018 SEP

Main table with columns: KARB, KARB, S, Sg, 22 34 44.0, I/AML, AML, 22 34 44.0, comp=E,2.4nm,0.3s,baz=221,slow=4,SNR=4.2

500

Table with columns: I/AML, AML, 22 34 44.0, comp=E,2.4nm,0.3s,baz=221,slow=4,SNR=4.2

Table of astronomical observations for 8d 1h, listing stations like ASAR, LUWI, MMRI, FITZ, STAKI, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2018 SEP, listing stations like KIRV, YKA, PFO, BELG, TORD, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2018 SEP, listing stations like BBOO, WRO, WRA, WRA, etc., with columns for station name, coordinates, and observation details.

Table with columns: ARHZ, Aropoanui, 4.75 212, P, Pn, 01 59 45.0 -1.2, etc. Lists various astronomical objects and their properties.

Table with columns: W82, Warramunga Arr, 43.01 278, P, P, 02 06 29.3 -1.1, etc. Lists astronomical objects and their properties.

Table with columns: TORO, comp=Z,2.8nm,0.8s,baz=160,slow=2.1,SNR=6.4, etc. Lists astronomical objects and their properties.

8d 2h

2018 SEP

Table with columns for station codes (e.g., CRAI, TNCH, VTBV), names (e.g., TengChong, Vinh Tuy), and various numerical data points (e.g., 3.26 302, 02 32 30.8).

Table with columns for station codes (e.g., PBA, Port Blair, LYN, SRIT), names (e.g., Port Blair, Luoyang, Nakonsritamara), and various numerical data points (e.g., 14.30 217, 14.75 188).

Table with columns for station codes (e.g., SONM, ULN, PALK, SUJ), names (e.g., Songino Array, Ulaanbaatar, Pallekele), and various numerical data points (e.g., 24.78 8, 24.90 9).

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Azimuth Range, Date, Time, and other parameters. Includes stations like Muntele Rosu, OZUR BOSR, and various others.

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Azimuth Range, Date, Time, and other parameters. Includes stations like OJC, FAUS, AGG, MORB, and various others.

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Azimuth Range, Date, Time, and other parameters. Includes stations like BRG, DOMB, G15K, ZVC, and various others.

8d 2h

2018 SEP

Table with columns: BAR, Mbarara, 72.66 262, LR, LR, 03 15 02.0, 02 43 00.3 +0.7, 02 43 07.9 +8.1, 02 52 29.1 +3.6, 02 43 00.0 +0.3

Table with columns: FALS, False Pass, 74.08 37, P, P, 02 43 05.9 -1.1, 74.08 315, eP, P, 02 43 06.4 -0.9, 74.09 319, eP, P, 02 43 07.1 -0.2

Table with columns: WLF, Walferdange, 75.95 318, P, P, 02 43 17.6 -0.4, 75.95 318, P, P, 02 43 17.6 -0.4, 75.95 318, P, P, 02 43 17.6 -0.4

R18K	Karluk	77.79	32	P	P	02 43 27.8	-0.4
SUA	Susitna One	77.83	28	IAMS_20	IAMS_20	03 14 50.1	
SUA	Susitna One	77.83	28	P	P	02 43 27.8	-0.8
IL31	Eielson Array	77.84	24	P	P	02 43 26.5	-1.8
ILAR	comp=Z,1.6nm,0.8s,baz=289,slow=5.7,SNR=15	77.84	24	P	P	02 43 26.6	-1.8
G26K	Porcupine River	77.85	21	P	P	02 43 28.3	-0.1
E27K	Coleen River	77.90	20	P	P	02 43 28.1	-0.6
CHIR	Chirikof Island	77.90	34	IAMS_20	IAMS_20	03 18 42.4	
CHIR	Chirikof Island	77.90	34	P	P	02 43 27.9	-1.0
M22K	Willow	77.97	28	IAMS_20	IAMS_20	03 17 31.7	
M22K	Willow	77.97	28	P	P	02 43 28.8	-0.3
PRP	Porcupine Dome	77.97	23	P	P	02 43 28.8	-0.5
PRP	comp=Z,38nm,1.1s	77.97	23	Iamb	Iamb	02 43 35.6	
PRP	comp=Z,4um,20.0s	77.97	23	IAMS_20	IAMS_20	03 21 21.7	
PRP	Porcupine Dome	77.97	23	P	P	02 43 28.7	-0.6
HDA	Harding Lake	77.99	24	P	P	02 43 27.9	-1.4
D28M	Stokes Point	78.11	18	P	P	02 43 27.8	-2.0
WAT1	Susitna Watana	78.12	26	P	P	02 43 28.6	-1.5
NEEM	North Greenland	78.16	354	i	P	02 43 30.4	0.0
NEEM	comp=Z,123nm,1.1s	78.16	354	Iamb	Iamb	02 43 47.6	
FIS	Fire Island	78.20	28	IAMS_20	IAMS_20	03 14 51.0	
HOM	Homer	78.23	30	IAMS_20	IAMS_20	03 21 16.7	
HOM	Homer	78.23	30	P	P	02 43 29.8	-0.8
E28M	Babbage River	78.30	19	IAMS_20	IAMS_20	03 21 38.0	
E28M	Babbage River	78.30	19	P	P	02 43 30.2	-0.7
SII	Sitkinak Island	78.33	33	IAMS_20	IAMS_20	03 20 35.8	
SII	Sitkinak Island	78.33	33	P	P	02 43 29.3	-2.0
Q20K	Shuyak Island	78.34	31	P	P	02 43 29.8	-1.4
SYI	Shuyak Island	78.34	31	IAMS_20	IAMS_20	03 19 22.8	
RC01	Rabbit Creek A	78.43	28	IAMS_20	IAMS_20	03 18 17.1	
RC01	Rabbit Creek A	78.43	28	P	P	02 43 30.3	-1.4
PMR	Palmer	78.46	27	IAMS_20	IAMS_20	03 22 19.8	
PMR	Palmer	78.46	27	P	P	02 43 30.7	-1.1
GHO	Glory Hole Cre	78.46	27	IAMS_20	IAMS_20	03 16 07.8	
SCO	Scoresbysund	78.47	343	P	P	02 43 31.6	-0.1
SCO	comp=Z,29nm,1.2s	78.47	343	Iamb	Iamb	02 43 51.9	
SCO	Scoresbysund	78.47	343	P	P	02 43 31.6	-0.1
KEST	Kesara	78.47	304	P	P	02 43 31.7	-0.8
KEST	comp=Z,29nm,1.2s	78.47	304	Iamb	Iamb	02 43 37.8	
KEST	Kesara	78.47	304	P	P	02 43 32.1	-0.4
KEST	comp=Z,40nm,1.6s	78.47	304	Iamb	Iamb	02 43 32.1	-0.4
KEST	comp=Z,5.1nm,0.8s,baz=191,slow=4.9,SNR=3.8	78.47	304	LR	LR	03 25 11.7	
KEST	Kesara	78.47	304	P	P	02 43 32.0	-0.5
KEST	comp=Z,5.1nm,0.8s	78.47	304	P	P	02 43 32.0	-0.5
CNPM	China Poot	78.47	30	IAMS_20	IAMS_20	03 16 28.3	
DHY	Denali Highway	78.48	26	IAMS_20	IAMS_20	03 16 30.3	
DHY	Denali Highway	78.48	26	P	P	02 43 29.8	-2.4
J25K	Salcha River	78.49	24	IAMS_20	IAMS_20	03 16 07.3	
J25K	Salcha River	78.49	24	P	P	02 43 29.9	-2.2
SSB	Saint Sauveur	78.50	314	P	P	02 43 32.2	-0.3
SSB	Saint Sauveur	78.50	314	P	P	02 43 32.2	-0.3
SSB	comp=Z,25nm,1.5s	78.50	314	pmx	pmx		
OHAK	Old Harbor	78.50	32	IAMS_20	IAMS_20	03 20 31.2	
OHAK	Old Harbor	78.50	32	P	P	02 43 30.6	-1.5
BRLK	Bradley Lake	78.53	29	IAMS_20	IAMS_20	03 18 50.6	
WAT6	Susitna Watana	78.57	26	P	P	02 43 30.8	-1.9
BRSE	Bradley Lake S	78.60	29	P	P	02 43 30.6	-2.1
KDAK	Kodiak Island	78.61	32	P	P	02 43 32.4	-0.4
KDAK	Kodiak Island	78.61	32	Iamb	Iamb	02 44 29.5	
KDAK	Kodiak Island	78.61	32	LR	LR	03 20 15.7	
KDAK	Kodiak Island	78.61	32	P	P	02 43 32.0	-0.7
KDAK	Kodiak Island	78.61	32	eP	eP	02 43 33.9	+1.2
KDAK	comp=Z,29nm,0.8s	78.61	32	pmx	pmx		
KDAK	comp=Z,3um,15.0s	78.61	32	MLR	MLR		
G27K	Doyon Strip	78.63	21	P	P	02 43 31.3	-1.5
SML	Sawmill	78.69	27	IAMS_20	IAMS_20	03 15 24.0	
SML	Sawmill	78.69	27	P	P	02 43 31.9	-1.4
K24K	Donnelly Dome	78.74	25	P	P	02 43 32.2	-1.2
F28M	Old Crow	78.76	20	P	P	02 43 32.4	-1.1
KNK	Knik Glacier	78.83	27	IAMS_20	IAMS_20	03 22 32.5	
KNK	Knik Glacier	78.83	27	P	P	02 43 32.7	-1.2
E29M	Blow River	78.91	19	IAMS_20	IAMS_20	03 19 15.3	
E29M	Blow River	78.91	19	P	P	02 43 33.3	-1.0
I26K	Coal Creek Min	78.93	23	IAMS_20	IAMS_20	03 21 54.0	
I26K	Coal Creek Min	78.93	23	P	P	02 43 30.3	-1.4
CLF	Chambon-Foret	78.94	318	IAMS_20	IAMS_20	03 24 08.3	
M23K	Glacier View	78.95	27	P	P	02 43 33.9	-0.8
H27K	Steamboat Moun	79.00	22	P	P	02 43 34.2	-0.7
SEW	Seward	79.01	29	P	P	02 43 33.9	-1.0
EKA	Eskdalemuir Ar	79.08	326	P	P	02 43 35.2	-0.2
SCM	Sheep Creek Mo	79.10	27	IAMS_20	IAMS_20	03 15 45.7	
SCM	Sheep Creek Mo	79.10	27	P	P	02 43 34.5	-1.0
ESK	Eskdalemuir	79.11	326	P	P	02 43 36.1	+0.5
ESK	comp=Z,69nm,1.4s	79.11	326	Iamb	Iamb	02 43 41.2	
ESK	Eskdalemuir	79.11	326	P	P	02 43 36.1	+0.5
ESK	comp=Z,69nm,1.4s	79.11	326	pmx	pmx		
RIDG	Independent Ri	79.13	25	P	P	02 43 34.0	-1.6

PWL	Port Wells	79.15	28	P	Iamb	02 43 35.2	-0.5
PWL	comp=Z,47nm,0.9s	79.15	28	IAMS_20	IAMS_20	02 43 45.4	
PWL	Port Wells	79.15	28	P	Iamb	02 43 35.2	-0.5
J26L	Joseph Creek	79.21	24	IAMS_20	IAMS_20	03 16 19.4	
J26L	Joseph Creek	79.21	24	P	P	02 43 35.3	-0.8
PAX	Paxson	79.28	25	P	P	02 43 35.4	-1.1
I27K	Kanik River	79.31	22	P	P	02 43 35.7	-0.9
SCRK	Sand Creek	79.33	24	P	P	02 43 35.7	-1.1
M24K	Tolsona, Glenn	79.44	26	IAMS_20	IAMS_20	03 17 03.5	
M24K	Tolsona, Glenn	79.44	26	P	P	02 43 36.7	-0.6
GLI	Glacier Island	79.67	28	IAMS_20	IAMS_20	03 23 06.7	
GLI	Glacier Island	79.67	28	P	P	02 43 37.2	-1.3
HARP	HAARP	79.70	26	P	P	02 43 37.2	-1.5
A36M	Sachs Harbour	79.74	13	IAMS_20	IAMS_20	03 22 08.0	
A36M	Sachs Harbour	79.74	13	P	P	02 43 38.2	-0.5
G29M	Pine Creek	79.75	20	P	P	02 43 37.6	-1.3
KLU	Klutina	79.85	27	P	Iamb	02 43 39.5	-0.1
KLU	comp=Z,37nm,0.8s	79.85	27	IAMS_20	IAMS_20	03 17 28.5	
KLU	Klutina	79.85	27	P	P	02 43 39.3	-0.3
EGAK	Eagle	79.93	23	IAMS_20	IAMS_20	03 21 13.4	
EGAK	Eagle	79.93	23	P	P	02 43 39.1	-0.7
I28M	Miner Creek	79.98	22	P	P	02 43 39.4	-0.9
FID	Fort Fidalgo	79.99	28	IAMS_20	IAMS_20	03 18 56.3	
K27K	Chicken	80.02	24	P	P	02 43 39.1	-1.2
F30M	Barrier River	80.02	19	P	P	02 43 39.6	-0.7
H29M	Whitestone	80.05	21	P	P	02 43 39.8	-0.7
HIN	Highbrook I	80.16	28	IAMS_20	IAMS_20	03 23 23.7	
TULEG	Thule	80.21	358	IAMS_20	IAMS_20	03 24 59.1	
INK	Inuvik	80.24	18	P	Iamb	02 43 41.2	-0.2
INK	comp=Z,38nm,1.1s	80.24	18	IAMS_20	IAMS_20	03 18 09.3	
INK	Inuvik	80.24	18	LR	LR	03 23 33.8	
INK	comp=Z,2um,18.9s,baz=270,slow=3.9	80.24	18	P	P	02 43 40.6	-0.9
INK	Inuvik	80.24	18	P	P	02 43 41.2	-0.2
INK	comp=Z,38nm,1.1s	80.24	18	MLR	MLR		
G30M	Ach Zaiti Mij	80.28	20	P	P	02 43 40.8	-1.0
N25K	Chitina, Valde	80.34	26	IAMS_20	IAMS_20	03 16 54.3	
N25K	Chitina, Valde	80.34	26	P	P	02 43 41.5	-0.8
EYAK	Cordova Ski Ar	80.41	28	P	P	02 43 41.8	-0.6
EPYK	Eagle Plains	80.50	20	IAMS_20	IAMS_20	03 17 45.2	
EPYK	Eagle Plains	80.50	20	P	P	02 43 41.8	-1.1
M26K	Nabesna, AK	80.55	25	P	P	02 43 42.5	-0.9
I29M	Ogilvy Camp	80.58	22	P	P	02 43 42.8	-0.7
SUMG	Summit	80.62	349	P	Iamb	02 43 43.1	-0.9
SUMG	comp=Z,50nm,1.0s	80.62	349	pmx	pmx	02 44 01.0	
SUMG	Summit	80.62	349	i	P	02 43 42.8	-1.2
SUMG	comp=Z,51nm,1.0s	80.62	349	Iamb	Iamb	02 44 00.8	
L27K	Beaver Creek	80.64	24	IAMS_20	IAMS_20	03 17 25.3	
L27K	Beaver Creek	80.64	24	P	P	02 43 43.0	-0.8
BCAR	Beaver Creek A	80.66	24	P	P	02 43 43.9	0.0
BMRM	Bremner River	80.67	27	P	P	02 43 42.8	-1.2
F31M	Tsiigehtic	80.74	19	IAMS_20	IAMS_20	03 18 54.5	
F31M	Tsiigehtic	80.74	19	P	P	02 43 43.1	-1.0
GLB	Ghalina Butte	80.75	26	IAMS_20	IAMS_20	03 17 45.1	
G31M	Satah River	80.91	19	P	P	02 43 43.8	-1.3
RAGM	Ragged Mountai	80.94	27	P	P	02 43 45.7	+0.2
RAGM	comp=Z,46nm,1.3s	80.94	27	Iamb	Iamb	02 44 14.1	
DAWY	Dawson	80.97	23	IAMS_20	IAMS_20	03 16 34.8	
DAWY	comp=Z,4um,21.0s	80.97	23	P	P	02 43 44.5	-1.1
VRDI	Verde Repeater	81.01	26	P	P	02 43 45.5	-0.5
VRDI	comp=Z,4um,21.0s	81.01	26	IAMS_20	IAMS_20	03 17 14.0	
M27K	Edge Creek, AK	81.01	25	P	P	02 43 44.9	-1.1
MCARA	McCarthy VSAT	81.10	26	P	Iamb	02 44 14.1	
MCARA	comp=Z,39nm,1.1s	81.10	26	IAMS_20	IAMS_20	03 17 28.4	
MCARA	McCarthy VSAT	81.10	26	P	P	02 43 45.6	-0.6
J29N	Klonk Camp	81.16	22	P	P	02 43 45.6	-1.0
KAIM	Kayak Island	81.30	28	P	Iamb	02 43 47.2	-0.1
KAIM	comp=Z,24nm,0.9s	81.30	28	Iamb	Iamb	02 43 56.8	
KAIM	Kayak Island	81.30	28	P	P	02 43 46.5	-0.8
I30M	Mount Dempster	81.31	21	P	P	02 43 46.4	-1.0
LSZ	Lusaka	81.31	249	P	Iamb	02 43 47.4	-0.8
LSZ	comp=Z,34nm,0.9s	81.31	249	IAMS_20	IAMS_20	03 18 18.4	
LSZ	Lusaka	81.31	249	P	P	02 43 48.9	+0.6
LSZ	Lusaka	81.31	249	P	P	02 43 47.4	-0.8
BERG	Beak Island	81.35	27	IAMS_20	IAMS_20	03 16 13.2	
CRQM	Cr Cirque	81.39	27	IAMS_20	IAMS_20	03 16 20.7	
CRQE	Cr Cirque	81.41	27	P	P	02 43 47.2	-0.9
SUCK	Suckling Hills	81.49	27	IAMS_20	IAMS_20	03 26 22.9	
TGL	Tana Glacier	81.52	27	IAMS_20	IAMS_20	03 16 23.6	
H31M	Peel River	81.61	20	IAMS_20	IAMS_20	03 21 40.5	
H31M	Peel River	81.61	20	P	P	02 43 47.8	-1.0
RES	Resolute Bay	81.67	4	LR	LR	03 21 09	

LBTB	comp=Z,62nm,1.5s	pmx	pmx		
MVO	Moncorvo	87.89 314	eP	P	02 44 21.8 +0.7
MVO	Moncorvo	87.89 314	ePP	PP	02 47 51.0 +4.3
MVO	Moncorvo	87.89 314	eS	SKSac	02 54 53.0 +3.2
MVO	Moncorvo	87.89 314	eSS	SS	03 01 02.0 +1.1
MVO	Moncorvo	87.89 314	eLR	LR	03 18 13.3
S34M	Telegraph Cree	87.98 25	IAMS_20	IAMS_20	03 21 37.4
S34M	Telegraph Cree	87.98 25	P	P	02 44 20.5 -0.6
DLBC	Dease Lake	88.05 24	P	P	02 44 21.2 -0.2
PGAV	Gaveira, Arco	88.31 315	ePP	PP	02 47 52.9 +2.9
PGAV	Gaveira, Arco	88.31 315	eS	SS	02 55 13.5 +5.1
PGAV	Gaveira, Arco	88.31 315	eSS	SS	03 01 01.0 +4.1
PGAV	Gaveira, Arco	88.31 315	eLR	LR	03 17 51.2
U33K	Whale Pass	88.39 27	IAMS_20	IAMS_20	03 21 14.2
U33K	Whale Pass	88.39 27	P	P	02 44 22.8 -0.2
MTE	Manteigas	88.61 314	eP	P	02 44 26.1 +1.6
MTE	Manteigas	88.61 314	ePP	PP	02 48 05.6 +1.3
MTE	Manteigas	88.61 314	eS	SS	02 55 13.3 +2.0
MTE	Manteigas	88.61 314	eSS	SS	03 01 06.0 +4.7
MTE	Manteigas	88.61 314	eLR	LR	03 18 35.8
PVIS	Viseu	88.69 314	eP	P	02 44 27.4 +2.5
CRAG	Craig	88.82 28	IAMS_20	IAMS_20	03 21 18.6
PCBR	Castelo Branco	88.84 313	eP	P	02 44 25.8 +0.3
T35M	Bob Quinn	88.97 25	IAMS_20	IAMS_20	03 21 24.6
T35M	Bob Quinn	88.97 25	P	P	02 44 25.5 -0.3
PMRV	Marv???	88.99 313	eP	P	02 44 28.2 +1.9
PMRV	Marv???	88.99 313	ePP	PP	02 48 10.5 +1.5
PMRV	Marv???	88.99 313	eS	SS	02 55 16.9 +2.1
PMRV	Marv???	88.99 313	eLQ	LQ	03 12 21.0
PMRV	Marv???	88.99 313	eLR	LR	03 16 47.9
PBAR	Barrancos	89.36 312	eP	P	02 44 28.7 +0.7
TOAD	Toad River Com	89.50 22	P	P	02 44 28.1 -0.1
V35K	Ketchikan	89.55 27	IAMS_20	IAMS_20	03 22 22.9
V35K	Ketchikan	89.55 27	P	P	02 44 28.2 -0.3
PMTG	Montargil	89.73 313	eP	P	02 44 31.0 +1.3
BOSA	Boshof	89.77 239	P	P	02 44 29.1 -0.9
BOSA	Boshof	89.77 239	Iamb	Iamb	02 44 36.5
BOSA	Boshof	89.77 239	P	P	02 44 29.1 -0.9
BOSA	Boshof	89.77 239	LR	LR	03 23 42.3
BOSA	Boshof	89.77 239	ppmax	ppmax	02 44 29.2 -0.9
YKA	Yellowknife Ar	89.78 16	iP	P	02 44 29.8 +0.4
YKA	Yellowknife Ar	89.78 16	iP	P	02 44 32.5 +3.0
YKA	Yellowknife Ar	89.78 16	ppmax	ppmax	02 44 32.5 +3.0
U35K	Hyder	89.80 26	IAMS_20	IAMS_20	03 23 09.6
EVO	Evora	89.85 312	eP	P	02 44 30.9 +0.6
PBEJ	Beja	90.00 312	eP	P	02 44 32.9 +1.9
MDT	Midelt	90.19 306	LR	LR	03 30 50.5
PVAQ	Vaqueiros	90.21 311	eP	P	02 44 33.8 +1.8
PVAQ	Vaqueiros	90.21 311	ePP	PP	02 48 06.6 +1.4
PVAQ	Vaqueiros	90.21 311	eS	SS	02 55 25.8 -0.4
PVAQ	Vaqueiros	90.21 311	eLR	LR	03 17 52.8
PCVE	Castro Verde	90.32 312	eP	P	02 44 34.0 +1.5
MESJ	Messejana	90.34 312	eP	P	02 44 33.9 +1.3
MESJ	Messejana	90.34 312	eS	SKSac	02 44 32.9 +0.3
MESJ	Messejana	90.34 312	eSKSac	SKSac	02 55 03.6 -0.6
MESJ	Messejana	90.34 312	IAMS_20	IAMS_20	03 23 17.6
NUUK	Nuuk	90.34 349	iP	P	02 44 31.6 -0.4
NUUK	Nuuk	90.34 349	Iamb	Iamb	02 44 39.5
PNCL	Nicolau / Gran	90.41 312	eP	P	02 44 34.8 +1.9
MORF	Marmeleite	90.91 312	eP	P	02 44 37.6 +2.3
GRNB	Grenville Isla	91.27 28	IAMS_20	IAMS_20	03 22 33.5
TSUM	Tsumeb	92.14 250	LR	LR	03 25 39.6
RPZ	Rata Peaks	92.15 137	LR	LR	03 27 13.3
IVI	Ivigtut	92.30 346	IAMS_20	IAMS_20	03 29 20.0
IVI	Ivigtut	92.30 346	iP	P	02 44 39.4 -1.7
INNZ	Nelson	92.40 134	IAMS_20	IAMS_20	03 34 28.0
LTZ	Lake Taylor	92.45 136	IAMS_20	IAMS_20	03 33 43.0
FRB	Frobisher Bay	92.49 356	LR	LR	03 28 51.8
GVZ	Greta Valley S	93.03 136	IAMS_20	IAMS_20	03 35 19.5
BBB	Bella Bella	93.23 28	LR	LR	03 29 10.0
BBK	Black Stump Fm	93.54 131	IAMS_20	IAMS_20	03 31 11.2
URZ	Urewera	93.56 130	LR	LR	03 29 52.8
MWH	Mokuaweowe	93.58 67	IAMS_20	IAMS_20	03 19 58.3
TORD	Torodi Ar. Bea	93.69 286	P	P	02 44 49.0 +0.5
TORD	Torodi Ar. Bea	93.69 286	pp	PP	02 48 31.9 -1.6
TORD	Torodi Ar. Bea	93.69 286	PP	PP	02 48 31.9 -1.6
TORD	Torodi Ar. Bea	93.69 286	LR	LR	03 31 37.1
HATHI	Halema'uma'u T	93.89 67	IAMS_20	IAMS_20	03 23 38.6
WIN	Windhoek	93.90 247	IAMS_20	IAMS_20	03 24 01.0
HOLB	Holberg	94.33 29	IAMS_20	IAMS_20	03 29 12.4
SUR	Sutherland	94.85 237	LR	LR	03 25 00.6
MAW	Mawson	95.07 194	P	P	02 44 55.5 +2.1
MAW	Mawson	95.07 194	LR	LR	03 25 48.9
FCC	Fort Churchill	97.22 8	IAMS_20	IAMS_20	03 30 06.8
CLRS	Cowichan Lake	97.43 28	IAMS_20	IAMS_20	03 32 50.4
PGC	PGC	97.85 28	IAMS_20	IAMS_20	03 28 49.7
C03A	Quillayute Air	97.89 29	IAMS_20	IAMS_20	03 29 38.6
EDM	Edmonton	97.99 20	IAMS_20	IAMS_20	03 28 30.8
NLWA	Neilton Lookou	98.61 29	IAMS_20	IAMS_20	03 30 20.9
WISH	Wishkah	98.87 29	IAMS_20	IAMS_20	03 28 34.5
GNW	Green Mountain	98.95 29	IAMS_20	IAMS_20	03 27 15.7
PMOZ	Porto Moniz, M	99.21 312	ePP	PP	02 49 17.5 +2.0
PMOZ	Porto Moniz, M	99.21 312	eSS	SS	03 03 39.5 +6.5
PMOZ	Porto Moniz, M	99.21 312	eLR	LR	03 21 47.5

RADR	Rader Ridge	99.37 30	IAMS_20	IAMS_20	03 27 28.0
FFC	Film Flon	99.70 14	IAMS_20	IAMS_20	03 30 23.6
B08A	Colville Reser	99.81 26	IAMS_20	IAMS_20	03 31 15.4
F04D	Rainier, OR	99.99 30	IAMS_20	IAMS_20	03 27 14.3
LTY	Liberty	100.12 28	IAMS_20	IAMS_20	03 29 12.7
F04A	Amboy	100.37 30	IAMS_20	IAMS_20	03 27 49.4
G03D	Michnville, IL	100.53 30	IAMS_20	IAMS_20	03 30 54.7
NEW	Newport	100.77 25	IAMS_20	IAMS_20	03 28 39.7
MXC	Moxie City	100.81 28	IAMS_20	IAMS_20	03 29 44.9
COR	Corvallis	100.98 31	IAMS_20	IAMS_20	03 29 08.6
E07A	Sunnyside	101.02 28	IAMS_20	IAMS_20	03 29 49.3
H00M	Mount Hood Mea	101.19 29	IAMS_20	IAMS_20	03 28 14.9
HAWA	Hanford	101.28 28	IAMS_20	IAMS_20	03 29 48.4
G05A	Wamie	101.40 29	IAMS_20	IAMS_20	03 29 33.6
E08A	Dider Farm, El	101.41 27	IAMS_20	IAMS_20	03 30 24.6
H04A	Detroit Lake	101.43 30	IAMS_20	IAMS_20	03 29 17.4
F07A	Phinny Hill Vi	101.51 28	IAMS_20	IAMS_20	03 28 46.3
G06A	Carson Farm	101.71 29	IAMS_20	IAMS_20	03 28 20.6
G08A	Pilot Rock	102.40 28	IAMS_20	IAMS_20	03 30 51.8
L10A	Beach Ranch, E	102.59 27	IAMS_20	IAMS_20	03 31 08.6
F20F	Cave Junction	102.69 33	IAMS_20	IAMS_20	03 32 54.0
KXSX	Camp Six Broad	102.76 33	IAMS_20	IAMS_20	03 32 20.7
I07A	Izze	103.11 29	IAMS_20	IAMS_20	03 29 14.8
KRPM	Rodgers	103.18 34	IAMS_20	IAMS_20	03 31 47.9
JCC	Jacoby Creek	103.43 34	IAMS_20	IAMS_20	03 31 55.5
BMO	Blue Mountains	103.46 27	IAMS_20	IAMS_20	03 31 46.7
KHMM	Horse Mountain	103.54 34	IAMS_20	IAMS_20	03 32 08.4
EGMT	Eagleton	103.64 21	IAMS_20	IAMS_20	03 38 23.9
KMRM	Mall Ridge	104.03 34	IAMS_20	IAMS_20	03 32 14.9
H08A	Circle Bar Ran	104.19 29	IAMS_20	IAMS_20	03 31 44.0
KCPM	Cahto Peak	104.49 34	IAMS_20	IAMS_20	03 29 27.8
O02D	Mt. Diablo Mer	104.54 34	IAMS_20	IAMS_20	03 32 51.8
WVOR	Wild Horse Val	104.80 30	IAMS_20	IAMS_20	03 30 30.5
BOZ	Bozeman (W)	105.08 23	IAMS_20	IAMS_20	03 36 38.3
MFID	Camas Ranch	105.25 27	IAMS_20	IAMS_20	03 39 19.0
HLID	Hailey	105.71 26	IAMS_20	IAMS_20	03 32 11.2
LAO	LASA Array	105.94 19	IAMS_20	IAMS_20	03 33 10.8
YHB	Horse Butte	105.96 24	IAMS_20	IAMS_20	03 37 15.6
YMR	Madison River	106.11 24	IAMS_20	IAMS_20	03 37 21.7
RLMT	Red Lodge	106.33 22	IAMS_20	IAMS_20	03 32 52.3
MDND	Maddock	106.67 15	IAMS_20	IAMS_20	03 36 32.7
FLWY	Flagg Ranch	106.72 24	IAMS_20	IAMS_20	03 33 07.6
EMBY	Embury	106.80 33	IAMS_20	IAMS_20	03 31 28.6
ICQ	Pointe Anglais	106.82 352	IAMS_20	IAMS_20	03 41 30.6
FXWY	Fox Creek	106.97 24	IAMS_20	IAMS_20	03 37 53.5
AGMN	Agassiz Nation	107.03 12	IAMS_20	IAMS_20	03 39 16.4
BMN	Beate Mountai	107.04 30	IAMS_20	IAMS_20	03 32 09.7
TWP	Teton Pass	107.13 24	IAMS_20	IAMS_20	03 37 57.6
LOHW	Long Hollow	107.15 24	IAMS_20	IAMS_20	03 37 58.5
SNOW	Snow King Moun	107.23 24	IAMS_20	IAMS_20	03 38 01.3
WAKR	Walker	107.49 33	IAMS_20	IAMS_20	03 32 01.0
E28A	Hut	107.59 16	IAMS_20	IAMS_20	03 35 27.3
ELK	Elko	107.68 29	IAMS_20	IAMS_20	03 37 55.5
RYN	Ryan	107.84 32	IAMS_20	IAMS_20	03 35 50.3
HVU	Hansel Valley	107.86 26	IAMS_20	IAMS_20	03 34 27.2
NVAR	Minna Array Bea	108.11 32	PKIKP	PKIKP	02 50 00.2 +0.4
NVAR	Minna Array Bea	108.11 32	PKIKP	PKIKP	02 50 14.0 +2.0
EYMN	Ely	108.11 9	IAMS_20	IAMS_20	03 40 36.9
LHV	Little Hootoon	108.15 32	IAMS_20	IAMS_20	03 32 25.3
PDAR	Pinedale Array	108.27 24	PP	PP	02 50 23.1 +0.6
Q09A	Carvers	108.33 31	IAMS_20	IAMS_20	03 35 03.9
BGU	Big Grassy Mou	108.47 27	IAMS_20	IAMS_20	03 41 27.5
HWUT	Hardware Ranch	108.50 26	IAMS_20	IAMS_20	03 38 52.9
LDQA	Lac Daran	108.77 355	IAMS_20	IAMS_20	03 40 51.0
TCUT	Toone Canyon	108.97 26	IAMS_20	IAMS_20	03 39 17.6
DUG	Dugway, Tooele	109.17 27	IAMS_20	IAMS_20	03 41 59.0
CTU	Camp Tracy	109.19 26	IAMS_20	IAMS_20	03 36 56.5
F33A	5 Mile Ranch	109.30 13	IAMS_20	IAMS_20	03 40 06.3
JLU	Jordanelle	109.39 26	IAMS_20	IAMS_20	03 37 01.7
E38A	The Farms, Brul	109.42 10	IAMS_20	IAMS_20	03 42 37.3
K22A	Casper	109.44 22	IAMS_20	IAMS_20	03 34 02.7
SPR3	Springs	109.50 29	IAMS_20	IAMS_20	03 35 40.9
NLU	North Lily Min	109.68 27			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IAML, and various station data points.

IDC 08 06:04:02.9±1.2, 26.86N:130°19'E, h0km, mb3.5/4, mbtmp3.6/5, ML3.8/1, MS3.1/4, Error ellipse: s-maj=36.6km s-min=22.9km az=72.0

JMA 08 06:04:07.0±0.1, 27.1N:0°4'130'E:0.5, h53km, MV3.6/20, NEAR AMAMI-OSHIMA ISLAND

ISC 08 06:04:06.3±0.7, 27.07N:0°04'130'E:0.04, h29km, n25, s175/37, mb3.5/4, MS3.4/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IAML, and various station data points.

comp=Z,20nm,1.8,4s,baz=76,slow=36 GSPA South Pole Qui 116.84,180 PKP PKPdf 06 22 45.8 -1.6

IDC 08 06:23:24.4±0.8, 37°32'N:97°83'W, h0km, mb4.1/2, mbtmp3.7/9, ML3.4/7, MS3.2/1, Error ellipse: s-maj=11.6km s-min=10.9km az=118.0

ISC 08 06:23:24.8±0.9, 37.36N:0°10'97.69W:0.10, h10km, n10, s173/9, Kansas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IAML, and various station data points.

IDC 08 06:50:35.1±0.8, 24°23'N:121°80'E, h0km, mb3.8/9, mbtmp3.9/10, ML3.5/1, MS2.9/7, Error ellipse: s-maj=32.1km s-min=17.7km az=65.0

NIED 08 06:50:39.3±2.4, 25°N:121.66E, h35km, MW4.1, Moment Tensor Solution. s2 Moment tensor: Scale 10^15Nm; Mn:0.23; Mw:0.28; Mxx:0.05; Mxy:0.49; Myx:0.56; Mzz:1.29;

TAP 08 06:50:39.5±2.4, 31°N:121.72E, h27km, ML4.4, B JMA 08 06:50:39.3±0.1, 24°3N:0°4'121.7E:0.7, h35km, MV3.9/15, TAIWAN REGION

NEIC 08 06:50:39.1±1.0, 24°27'N:0°03'121.7E:0.03, h23km, 6km, mb4.5/23, Error ellipse: s-maj=5.1km s-min=2.1km az=133.0

ASIES 08 06:50:39.5±2.4, 31°N:121.72E, h27km, ML4.4, Mw3.9, Moment Tensor Solution. Moment tensor: Scale 10^21Nm; Mn:2.98; Mw:1.83; Mxx:1.18; Mxy:1.17; Mxx:1.83; Myx:7.52;

ISC 08 06:50:39.6±0.6, 24°29'N:0°01'121.75E:0.02, h26km, 3km, n226, s097/331, mb4.4/22, MS2.7/4, 31C-23D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IAML, and various station data points.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IAML, and various station data points.

TWS1	Kuangyinshan	0.86 340	eP	Pb	06 50 55.3 -0.6
TWS1	baz=340		eS	Sb	06 51 07.0 0.0
YM01	YM01	0.86 349	eP	Pb	06 50 55.9 -0.2
YM01	baz=338		eS	Sb	06 51 07.5 +0.2
HSN	Hsinchu	0.87 306	eP	Pb	06 50 56.4 +0.2
HSN	baz=308		eS	Sb	06 51 08.4 +0.9
EHY	Hungye	0.88 207	eP	Pb	06 50 54.2 -2.0
EHYH	Wanrong	0.88 205	eP	Pb	06 50 54.8 -1.4
EHYH	baz=210		eS	Sb	06 51 07.1 -0.4
SSLB	Suanglung	0.88 235	eP	Pb	06 50 55.6 -0.8
SSLB	baz=205		Sg	Sb	06 51 06.0 -1.8
SSLB	Suanglung	0.88 235	P	Pb	06 50 56.3 -0.1
SSLB	Suanglung	0.88 235	P	Pb	06 50 55.9 -0.5
SSLB	baz=228		eS	Sb	06 51 06.8 -1.0
NJN	Zhunanz	0.89 296	eP	Pb	06 50 56.5 +0.1
NJN	baz=291		eS	Sn	06 51 09.1 +0.6
TWQ1	Liyutan	0.89 274	eP	Pn	06 50 57.0 +0.5
TWQ1	baz=272		S	Sb	06 51 08.7 +0.7
TYC	Yuchr	0.90 245	P	Pb	06 50 56.4 -0.2
TYC	baz=243		eS	Sb	06 51 08.2 -0.1
YM08	YM08	0.90 351	eP	Pb	06 50 56.7 0.0
NMLH	Miaoili	0.91 286	eP	Pb	06 50 57.6 +0.9
NMLH	baz=284		eS	Sn	06 51 09.7 +0.8
NSY	Sanyi	0.91 278	eP	Pb	06 50 57.7 +0.9
NSY	baz=271		eS	Sn	06 51 09.7 +0.7
NTST	Danshui	0.91 343	eP	Pn	06 50 57.0 +0.2
NTST	baz=343		eS	Sn	06 51 09.7 +0.8
ANP	Anpu	0.91 347	eP	Pb	06 50 57.0 +0.1
NHW	Xinwu Township	0.95 318	eP	Pn	06 50 57.3 0.0
NHW	baz=317		eS	Sn	06 51 10.6 +0.5
YULB	Yu-ii	0.99 205	P	Pn	06 50 55.7 -2.1
YULB	Yu-ii	0.99 205	P	Pn	06 50 58.1 +0.3
YULB	Yu-ii	0.99 205	P	Pn	06 50 55.7 -2.1
YULB	baz=204		eS	Sb	06 51 09.4 -1.3
TWY	Chenhuia	0.99 352	eP	Pb	06 50 58.6 +0.5
TWY	baz=342		eS	Sn	06 51 11.7 +0.7
TCU	Taichung	0.99 262	eP	Pb	06 50 59.0 +0.8
TCU	baz=260		eS	Sn	06 51 12.9 +0.2
WWF	Wufeng	0.99 256	eP	Pb	06 50 58.9 +0.7
WWF	baz=249		eS	Sn	06 51 12.9 +0.2
ECBN	Changbin	1.01 196	eP	Pn	06 50 58.0 -0.1
WDJ	Dajia District	1.01 273	eP	Pb	06 50 59.2 +0.7
WDJ	baz=272		eS	Sn	06 51 13.2 +1.7
WHYT	Xinyi Township	1.01 234	eP	Pn	06 50 58.4 +0.2
WHYT	baz=229		eS	Sb	06 51 12.1 +0.7
EYUL	Yuli	1.02 203	eP	Pn	06 50 57.9 -0.4
EYUL	baz=212		eS	Sb	06 50 56.3 -2.0
YULB	Yuli	1.02 204	eP	Pn	06 50 57.6 -0.4
WJS	Zhushan	1.04 244	eP	Pb	06 50 59.5 +0.4
WNT1	Nantou City	1.05 249	eP	Pb	06 51 00.2 +1.0
WNT	Mingjian	1.06 247	eP	Pb	06 50 59.8 +0.5
WNT	baz=245		eS	Sb	06 51 14.9 +2.2
YUS	Yu-Shan	1.08 222	P	Pn	06 50 59.2 -0.4
YUS	baz=245		eS	Sb	06 51 14.9 +2.2
JYNG	Yongunijimaku	1.10 82	eP	Pb	06 51 00.3 +0.2
WCHH	Zhanghua	1.11 259	eP	Pb	06 51 00.4 +0.3
WCHH	baz=288		eS	Sn	06 51 14.9 +1.0
WYL	Yuanlin Townsh	1.12 253	eP	Pn	06 51 00.3 +0.7
CHKH	Chenggong	1.14 196	eP	Pn	06 50 59.4 -0.5
CHKH	baz=209		eS	Sb	06 51 15.5 +0.3
ALS	Alishan	1.16 228	eP	Pb	06 51 00.8 +0.3
ALS	baz=216		eS	Sn	06 51 16.4 +0.7
YOJ	Yonaguni jima	1.16 81	P	Pb	06 51 00.7 -0.4
YOJ	Yonaguni jima	1.16 81	P	Pb	06 51 00.9 -0.2
YOJ	Yonaguni jima	1.16 81	P	Pb	06 51 00.9 -0.2
YOJ	baz=73		eS	Sb	06 51 17.6 +1.8
YOJ	Yonaguni jima	1.16 81	P	Pb	06 51 00.9 -0.2
YOJ	Fuli	1.17 201	eP	Pn	06 51 15.8 +0.1
YOJ	baz=209		eS	Sb	06 51 00.4 +0.2
CHKT	Chengkung	1.24 197	eP	Pn	06 51 01.1 -0.1
CHKT	baz=208		eS	Sb	06 51 18.1 +0.1
WCK	Gukeng	1.24 241	eP	Pb	06 51 02.4 0.0
WCK	baz=240		eS	Sb	06 51 19.5 +1.5
EHD	Haiduan	1.24 204	eP	Pn	06 51 01.2 -0.1
WDLH	Douliu	1.26 242	eP	Pb	06 51 02.9 +0.2
WDLH	baz=240		eS	Sb	06 51 19.9 +1.4
ECS	Chishang	1.29 202	eP	Pn	06 51 02.0 +0.2
WCKO	Fanlu	1.35 231	eP	Pb	06 51 04.5 +0.3
WCKO	baz=219		eS	Sb	06 51 22.6 +1.5
PCYT	Pengchayiu	1.36 12	eP	Pn	06 51 03.3 +0.4
EDH	Donghe	1.38 197	eP	Pn	06 51 02.9 -0.2
WTK	Tuku	1.38 244	eP	Pb	06 51 05.2 +0.4
WTK	baz=243		eS	Sb	06 51 23.6 +1.6
CHN2	Minshing	1.39 237	eP	Pb	06 51 05.5 +0.6
CHN2	baz=236		eS	Sb	06 51 23.5 +1.2
TPUB	Ta-pu	1.42 226	P	Pb	06 51 05.2 -0.3
TPUB	Ta-pu	1.42 226	P	Pb	06 51 05.7 +0.2
TPUB	Ta-pu	1.42 226	P	Pb	06 51 05.3 -0.3
TPUB	baz=215		eS	Sn	06 51 23.1 +1.4
STHY	Taoyuan	1.43 219	eP	Pn	06 51 05.0 +1.2
CHY	Chiayi	1.45 237	eP	Pb	06 51 05.8 -0.1
CHY	baz=236		eS	Sb	06 51 25.6 +1.7

WTP	Ta-pu	1.47 225	eP	Pn	06 51 05.9 +1.4
WTP	baz=212		eS	Sb	06 51 25.7 +1.0
LONT	Longtan	1.49 202	eP	Pn	06 51 03.8 -0.9
WSF	Szhu	1.54 245	eP	Pn	06 51 05.8 +0.4
WSF	baz=244		eS	Sb	06 51 27.4 +0.7
WFK	Hsinying	1.54 229	P	Pb	06 51 07.2 -0.4
TWK	baz=215		eS	Sb	06 51 27.7 +1.0
SNST	Tainan City	1.57 227	eP	Pb	06 51 07.7 -0.2
SNST	baz=215		eS	Sb	06 51 28.4 +1.1
CHN1	Nanshi	1.57 226	eP	Pn	06 51 07.4 +1.5
CHN1	baz=214		eS	Sb	06 51 28.8 +1.3
WSL	Shulin Townsh	1.59 241	eP	Pb	06 51 07.8 -0.5
WSL	baz=240		eS	Sb	06 51 29.8 +1.8
TWG	Pinlang	1.59 203	eP	Pn	06 51 04.2 -1.9
TWG	Pinlang	1.59 203	eP	Pn	06 51 06.2 +0.1
TWGBT	Beinan	1.59 203	P	Pn	06 51 06.3 +0.2
TWGBT	Beinan	1.59 203	P	Pn	06 51 04.5 -1.6
SGST	Jiashan	1.61 222	eP	Pn	06 51 07.3 +0.9
SGST	baz=210		eS	Sb	06 51 29.3 +0.7
TTN	Tainan	1.63 200	eP	Pn	06 51 06.8 +0.2
LDUD	Ludao	1.63 189	eP	Pn	06 51 05.7 -0.9
ICHU	Yijhu	1.63 236	eP	Pb	06 51 08.7 -0.4
ICHU	baz=221		eS	Sb	06 51 30.1 +0.9
SLGT	Liugui	1.64 218	eP	Pb	06 51 08.6 -0.6
SLGT	baz=218		eS	Sb	06 51 30.1 +0.6
CHN8	Yiju	1.69 237	eP	Pb	06 51 09.5 -0.6
CHN8	baz=223		eS	Sb	06 51 31.5 +0.4
SCLT	Jiali	1.81 232	eP	Pn	06 51 10.4 +1.4
SCLT	baz=218		eS	Sb	06 51 34.1 -0.2
IRIF	Iriomote-Funau	1.81 88	eP	Pn	06 51 09.4 +0.3
IRIF	IRIF	1.81 220	eP	Pn	06 51 11.3 -0.9
SCST	Cishan	1.81 220	eP	Pn	06 51 35.0 +0.6
SCST	baz=220		eS	Sb	06 51 09.7 +0.2
ECL	Taimali	1.84 204	eP	Pn	06 51 11.1 +1.5
SSD	Sandimen	1.85 214	eP	Pn	06 51 12.0 +1.9
TSMG	Majia	1.88 213	eP	Pn	06 51 36.1 -0.2
TSMG	baz=201		eS	Sb	06 51 11.4 +1.2
HATJ	Hateruma jima	1.89 97	eP	Pn	06 51 12.2 +1.8
TSCK	Chigu Township	1.90 234	eP	Pn	06 51 12.5 +2.1
TWMT	Shoushan	1.90 220	eP	Pn	06 51 12.4 +1.2
MASBT	Mashuiluo	1.96 212	eP	Pn	06 51 37.2 +2.2
MASBT	baz=214		eS	Sn	06 51 13.5 +0.9
JKRS	Kuro-shima	2.06 91	eP	Pn	06 51 12.7 0.0
EAST	Anshuo	2.07 204	eP	Pn	06 51 13.0 +0.2
TAW	Tawu	2.08 202	eP	Pn	06 51 15.8 -1.2
TAWH	Dawu Township	2.10 202	eP	Pb	06 51 13.8 +0.3
PNG	Penghu	2.13 251	eP	Pn	06 51 38.7 -0.5
PNG	baz=248		eS	Sn	06 51 13.6 0.0
PHUB	Peng-hu	2.14 249	eP	Pn	06 51 39.1 -0.1
PHUB	baz=247		eS	Sn	06 51 14.7 +0.6
WDGT	Dungji	2.17 242	eP	Pn	06 51 41.4 +1.3
WDGT	baz=240		eS	Sn	06 51 15.7 +1.6
SCZT	Fangliu	2.17 209	eP	Pn	06 51 14.5 +0.3
JJU	Jianqikai jima	2.19 88	eP	Pn	06 51 14.0 -0.5
WVUC	WVUC	2.20 289	eP	Pn	06 51 16.3 +1.2
SLIU	Shizi	2.24 203	eP	Pn	06 51 14.9 -0.8
LAY	Lan-yu	2.25 185	eP	Pn	06 51 16.7 +0.1
LYUB	Lan-yu	2.29 184	eP	Pn	06 51 19.2 +1.2
JEN	Jishengkimahi	2.35 82	P	Pn	06 51 16.9 +0.1
HISG	Hengchun	2.42 202	eP	Pn	06 51 17.6 -0.1
MATB	Ma-tsu	2.47 319	eP	Pn	06 51 18.9 +0.3
TWKBT	Hengchun	2.50 200	eP	Pn	06 51 50.2 +2.1
TWKBT	baz=195		eS	Sn	06 51 28.3 -0.4
PTMZ	Houtangcun	2.50 288	eP	Pn	06 51 12.1 +0.6
PTMZ	baz=286		eS	Sb	06 51 23.5 -0.3
LYJJ	Jianjiangzhen	2.71 82	eP	Pn	06 51 24.2 -0.9
XPSS	Dazetou	2.98 332	eP	Pn	06 51 27.1 +1.3
KNM	Kimmen	3.03 273	eP	Pn	06 51 25.8 -0.6
KNMB	Chin-men Tao	3.07 274	eP	Pn	06 51 25.9 -0.5
KNMB	Chin-men Tao	3.07 274	eP	Pn	06 51 34.7 0.0
ZPLA	Ao Xicun	3.67 265	eP	Pn	06 51 43.0 +0.1
SXFK	Chiangchang	4.26 300	eP	Pn	06 52 12.1 -0.3
JOW	Kunigami	6.41 65	Pn	Pn	06 52 12.3 -0.2
JOW	Kunigami	6.41 65	Pn	Pn	06 52 12.3 -0.2
KSRS	Korea Array	14.14 21	Pn	Pn	06 54 01.1 +2.9
KSRS	comp=Z.19nm,20.5s,ba=240,slow=5.5		LR	LR	06 58 49.2
JHU	Hachiojima 2	18.08 57	LR	LR	07 01 52.6
JHU	comp=Z.39nm,20.3s,ba=7.0,slow=37		LR	LR	07 02 04.7
MJAR	Matsushiro Arr	18.69 45	LR	LR	07 04 49.5
CMAR	Chiang Mai Arr	22.00 259	LR	LR	07 03 34.3
GUMO	Guam	24.28 112	LR	LR	07 07 13.7
KLR	Kulpe	26.10 15	LR	LR	06 56 16.1 +1.5
KLR	comp=Z.27nm,21.2s,ba=184,slow=32		LR	LR	07 07 23.3
SONM	Songino Array	26.47 336	P	P	06 56 15.7 +0.1
SONM	0.6nm,0.5s,ba=157,slow=11,SNR=2.6		LR	LR	06 58 49.2
SONM	comp=Z.38nm,19.8s,ba=134,slow=39		LR	LR	06 58 49.2
MTN	Manton Dam	38.03 165	P	Iamb	06 57 53.4 -2.5
MTN	comp=Z.12nm,1.3s		Iamb	Iamb	06 58 01.2 +0.6
MK31	Makanchi Array	38.62 316	P	P	06 58 02.0 -0.4
MKAR	Makanchi Array	38.62 316	P	P	06 58 01.1 +0.4
MKAR	Makanchi Array	38.62 316	P	P	06 58 15.7 +0.1
ZALV	Zalesovo Beam	40.43 327	P	P	06 58 15.7 +0.1
ZALV	comp=Z.0.7nm,0.4s,ba=120,slow=5.3,SNR=3.9		P	P	06 58 15.7 +0.1

COEN	Coen	43.40 149	P	Iamb	06 58 40.2 0.0
COEN	comp=Z.7.9nm,0.9s		Iamb	Iamb	06 58 45.1
WBO	Warramunga Arr	45.49 163	P	Iamb	06 58 55.0 -1.9
WBO	comp=Z.7.6nm,1.5s		Iamb	Iamb	06 59 09.3
WRA	Warramunga Arr	45.65 163	P	P	06 58 56.8 -1.4
WRA	Warramunga Arr	45.65 163	P	P	06 58 56.6 -1.5
WRA	comp=Z.0.8nm,0.5s,ba=345,slow=8.7,SNR=22		P	P	06 59 16.3 +0.7
BVAR	Borovoye Array	47.92 321	P	P	06 59 16.3 +0.7
BVAR	comp=Z.1.2nm,0.6s,ba=114,slow=6.8,SNR=5.9		P	P	06 59 25.1 0.0
AS31	Alice Springs	49.11 165	P	P	06 59 24.0 -1.1
ASAR	Alice Springs	49.11 165	P		

Table with columns: Code, Name, Value, Unit, Date, Time, and other identifiers. Includes entries like Musuan, Musuan, Musuan, etc.

Table with columns: Code, Name, Value, Unit, Date, Time, and other identifiers. Includes entries like ABRA Dolores, SZP Santa, SMKI Samarinda, etc.

Table with columns: Code, Name, Value, Unit, Date, Time, and other identifiers. Includes entries like QIZ comp=Z,30um,16.5s, QIZ comp=Z,21um,17.2s, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like PMG, SURA, XMI, JMN, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like PSA00, KRSRS, INCN, MAJO, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like DL2, HNS, GIRL, etc.

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RPZ	comp-Z,8um,18.0s	64.72 146	P	I Amb	P	07 27 27.3	0.0
RPZ	Rata Peaks					07 27 28.4	
RPZ	comp-Z,117nm,0.9s	64.72 146	LR	LR		07 54 11.9	
NGCH	Rata Peaks					07 27 27.4	-0.5
NGCH	comp-Z,Sum,21.5s,baz=304,slow=35	64.74 295	P	P		07 36 08.1	+0.6
L TZ	Negor - Chabah					07 27 28.1	+0.1
L TZ	Lake Taylor	64.82 144	I Amb	I Amb		07 27 29.2	
L TZ	comp-Z,139nm,1.1s					07 53 56.8	
ORZ	comp-Z,8um,22.0s	65.03 145	I AMs_20	I AMs_20		07 56 06.2	
ORZ	Oxford					07 27 30.0	-0.7
URX	comp-Z,8um,20.0s	65.22 138	P	P		07 57 30.0	-0.7
URX	Urevera					07 57 30.0	-0.7
URZ	comp-Z,48nm,0.9s,baz=343,slow=5.4,SNR=12			LR		07 55 04.2	
BKZ	comp-Z,7um,21.8s,baz=31,slow=35	65.30 139	P	I Amb	P	07 27 31.2	-0.1
BKZ	Black Stump Fm					07 27 44.5	
BKZ	comp-Z,236nm,1.1s					07 56 46.9	
BKZ	comp-Z,6um,19.0s	65.30 139	P	P		07 27 31.2	-0.1
BKZ	Black Stump Fm					07 27 31.2	-0.3
RTZ	Ruatahuna	65.32 138	I AMs_20	I AMs_20		07 55 30.4	
GVZ	comp-Z,7um,22.0s	65.38 144	I AMs_20	I AMs_20		07 54 13.6	
GVZ	Greta Valley S					07 56 51.9	
SNZO	South Karori	65.39 142	I AMs_20	I AMs_20		07 56 51.9	
MRZ	comp-Z,7um,21.0s	65.55 141	I AMs_20	I AMs_20		07 56 13.4	
MRZ	Mangatainoka R					07 56 13.4	
MXZ	Matakaoa Point	65.66 137	I AMs_20	I AMs_20		07 56 14.3	
BFZ	comp-Z,7um,21.0s	65.98 141	I AMs_20	I AMs_20		07 57 31.8	
BFZ	Birch Farm					07 57 31.8	
JLN	Jalan Bani Buh	66.16 291	P	P		07 27 36.9	-0.2
JLN	SNR=8.2					07 36 25.6	+0.6
BILL	Bilibino	66.25 15	I AMs_20	I AMs_20		07 53 52.5	
BILL	comp-Z,6um,21.0s	66.25 15	eP	P		07 27 35.9	-0.9
BILL	Bilibino					07 28 06.9	
BILL						07 30 63.7	
BILL			ePPP	PPP		07 31 37.5	
BILL				pmax			
WBK	comp-Z,84nm,2.0s	66.58 291	P	P		07 27 38.6	-1.3
WBK	Wadi Bani Khal					07 36 31.5	+1.4
WBK	SNR=9.8					08 02 43.2	
WSAR	Wadi Sarin	66.92 292	LR	LR		07 27 41.2	-0.7
WSAR	comp-Z,3um,18.2s,baz=102,slow=41					07 36 34.6	+0.4
WSAR	Wadi Sarin	66.92 292	P	P		07 27 44.4	+1.3
WSAR	SNR=15					07 27 43.3	-1.6
WSAR	Macquarie Isla	67.22 160	P	P		07 37 40.3	+0.5
JMDO	Jabal Madar	67.38 291	P	P		07 27 43.2	-1.7
JMDO	SNR=12					07 36 40.3	+0.5
BIDO	Bidbid	67.39 292	P	P		07 27 43.2	-1.7
BIDO	SNR=23					07 36 38.9	-0.9
BIDO	Samad	67.45 292	S	S		07 27 44.1	-1.4
BIDO	SNR=15					07 36 38.8	-1.9
BIDO	MHTO	67.48 290	S	S		07 27 44.3	-1.2
BIDO	SNR=12					07 36 41.4	+0.4
BIDO	MHTO	67.72 295	S	S		07 27 47.0	0.0
BIDO	Jask - Hormozg					07 36 42.4	-1.3
BIDO	SNR=8.1					07 27 49.8	+2.2
BIDO	Niue	67.80 114	P	P		07 27 48.8	-0.9
BIDO	NIUE					07 36 48.0	+2.3
BIDO	DQM	67.87 289	P	P		07 27 48.8	-0.9
BIDO	SNR=10.0					07 36 48.0	+2.3
BIDO	HOQain	68.14 292	S	S		07 36 48.3	-0.6
BIDO	SNR=21					07 27 49.7	-0.6
BIDO	BSY	68.22 292	S	S		07 36 49.7	-0.1
BIDO	SNR=13					07 53 31.2	
BIDO	CLEES	68.44 36	I AMs_20	I AMs_20		07 27 52.9	-1.3
BIDO	Cleveland East					07 36 56.5	-1.0
BIDO	comp-Z,6um,22.0s	68.86 292	P	P		07 27 52.8	-1.4
BIDO	ARQ					07 27 52.0	-2.2
BIDO	SNR=8.3					07 36 59.3	-2.6
BIDO	SOHO	68.86 293	I P	P		07 27 55.3	+0.3
BIDO	SNR=11					07 27 55.3	+0.3
BIDO	SOHO	68.86 293	P	P		07 36 59.3	-2.6
BIDO	SNR=11					07 27 55.8	-0.8
BIDO	NIKH	69.09 36	P	P		07 27 55.0	-1.6
BIDO	NIKH	69.09 36	P	P		07 36 58.3	-4.5
BIDO	Nikolski High					07 27 55.9	-0.9
BIDO	Nikolski High					07 37 01.8	-0.4
BIDO	SNR=24					07 27 56.3	-0.7
BIDO	NIKH	69.31 294	P	P		07 27 56.8	-0.2
BIDO	SNR=23					07 36 58.3	-4.5
BIDO	ASHO	69.31 294	P	P		07 27 57.9	+1.5
BIDO	SNR=13					07 27 58.7	+0.6
BIDO	ASHO	69.31 294	P	P		07 37 07.2	+2.2
BIDO	SNR=13					07 27 60.0	+0.7
BIDO	ASHO	69.31 294	P	P		07 27 59.4	+0.2
BIDO	SNR=9.7					07 37 06.2	-0.9
BIDO	ASHO	69.31 294	P	P		07 27 59.8	+0.5
BIDO	SNR=9.7					07 37 06.2	-0.9
BIDO	ASHO	69.31 294	P	P		07 27 59.5	+0.2
BIDO	SNR=9.7					07 37 06.7	-0.4
BIDO	ASHO	69.31 294	P	P		07 27 58.7	+0.6
BIDO	SNR=9.7					07 37 07.2	+2.2
BIDO	ASHO	69.31 294	P	P		07 27 56.2	-0.5
BIDO	SNR=9.7					07 37 01.8	-0.4
BIDO	ASHO	69.31 294	P	P		07 27 56.3	-0.7
BIDO	SNR=9.7					07 27 56.8	-0.2
BIDO	ASHO	69.31 294	P	P		07 36 58.3	-4.5
BIDO	SNR=9.7					07 27 55.9	-0.9
BIDO	ASHO	69.31 294	P	P		07 27 57.9	+1.5
BIDO	SNR=9.7					07 27 58.7	+0.6
BIDO	ASHO	69.31 294	P	P		07 37 07.2	+2.2
BIDO	SNR=9.7					07 27 60.0	+0.7
BIDO	ASHO	69.31 294	P	P		07 27 59.4	+0.2
BIDO	SNR=9.7					07 37 06.2	-0.9
BIDO	ASHO	69.31 294	P	P		07 27 59.8	+0.5
BIDO	SNR=9.7					07 37 06.2	-0.9
BIDO	ASHO	69.31 294	P	P		07 27 59.5	+0.2
BIDO	SNR=9.7					07 37 06.7	-0.4
BIDO	ASHO	69.31 294	P	P		07 27 58.7	+0.6
BIDO	SNR=9.7					07 37 07.2	+2.2
BIDO	ASHO	69.31 294	P	P		07 27 56.2	-0.5
BIDO	SNR=9.7					07 37 01.8	-0.4
BIDO	ASHO	69.31 294	P	P		07 27 56.3	-0.7
BIDO	SNR=9.7					07 36 58.3	-4.5
BIDO	ASHO	69.31 294	P	P		07 27 55.9	-0.9
BIDO	SNR=9.7					07 27 57.9	+1.5
BIDO	ASHO	69.31 294	P	P		07 27 58.7	+0.6
BIDO	SNR=9.7					07 37 07.2	+2.2
BIDO	ASHO	69.31 294	P	P		07 27 60.0	+0.7
BIDO	SNR=9.7					07 27 59.4	+0.2
BIDO	ASHO	69.31 294	P	P		07 37 06.2	-0.9
BIDO	SNR=9.7					07 27 59.8	+0.5
BIDO	ASHO	69.31 294	P	P		07 37 06.2	-0.9
BIDO	SNR=9.7					07 27 59.5	+0.2
BIDO	ASHO	69.31 294	P	P		07 37 06.7	-0.4
BIDO	SNR=9.7					07 27 58.7	+0.6
BIDO	ASHO	69.31 294	P	P		07 37 07.2	+2.2
BIDO	SNR=9.7					07 27 60.0	+0.7
BIDO	ASHO	69.31 294	P	P		07 27 59.4	+0.2
BIDO	SNR=9.7					07 37 06.2	-0.9
BIDO	ASHO	69.31 294	P	P		07 27 59.8	+0.5
BIDO	SNR=9.7					07 37 06.2	-0.9
BIDO	ASHO	69.31 294	P	P		07 27 59.5	+0.2
BIDO	SNR=9.7					07 37 06.7	-0.4
BIDO	ASHO	69.31 294	P	P		07 27 58.7	+0.6
BIDO	SNR=9.7					07 37 07.2	+2.2
BIDO	ASHO	69.31 294	P	P		07 27 60.0	+0.7
BIDO	SNR=9.7					07 27 59.4	+0.2
BIDO	ASHO	69.31 294	P	P		07 37 06.2	-0.9
BIDO	SNR=9.7					07 27 59.8	+0.5
BIDO	ASHO	69.31 294	P	P		07 37 06.2	-0.9
BIDO	SNR=9.7					07 27 59.5	+0.2
BIDO	ASHO	69.31 294	P	P		07 37 06.7	-0.4
BIDO	SNR=9.7					07 27 58.7	+0.6
BIDO	ASHO	69.31 294	P	P		07 37 07.2	+2.2
BIDO	SNR=9.7					07 27 60.0	+0.7
BIDO	ASHO	69.31 294	P	P		07 27 59.4	+0.2
BIDO	SNR=9.7					07 37 06.2	-0.9
BIDO	ASHO	69.31 294	P	P		07 27 59.8	+0.5
BIDO	SNR=9.7					07 37 06.2	-0.9
BIDO	ASHO	69.31 294	P	P		07 27 59.5	+0.2
BIDO	SNR=9.7					07 37 06.7	-0.4
BIDO	ASHO	69.31 294	P	P		07 27 58.7	+0.6
BIDO	SNR=9.7					07 37 07.2	+2.2
BIDO	ASHO	69.31 294	P	P		07 27 60.0	+0.7
BIDO	SNR=9.7					07 27 59.4	+0.2
BIDO	ASHO	69.31 294	P	P		07 37 06.2	-0.9
BIDO	SNR=9.7					07 27 59.8	+0.5
BIDO	ASHO	69.31 294	P	P		07 37 06.2	-0.9
BIDO	SNR=9.7					07 27 59.5	+0.2
BIDO	ASHO	69.31 294	P	P		07 37 06.7	-0.4
BIDO	SNR=9.7					07 27 58.7	+0.6
BIDO	ASHO	69.31 294	P	P		07 37 07.2	+2.2
BIDO							

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A19K	baz=256	S	S	07 38 33.1	+1.5	K20K	Telida	78.82	27	P	P	07 28 52.7	+0.9	BPAW	baz=266	S	S	07 39 02.2	-1.3				
Q17K	baz=256 Contact Creek baz=263	77.35	32	P	P	07 28 43.7	-0.1	K20K	baz=264	S	S	07 38 48.7	+0.4	GOF	baz=266 Gofitskoye	80.35	31	cEP	P	07 29 00.1	-0.4		
Q17K	baz=263	S	S	07 38 29.5	-3.4	K20K	baz=264	S	S	07 38 48.7	+0.4	MLY	baz=266 Manley	80.42	25	P	P	07 29 01.0	+0.5				
L18K	baz=263 Granite Mounta	77.48	28	P	P	07 28 45.8	+1.4	P19K	Oil Pt	78.86	31	P	P	07 28 52.1	-0.1	MLY	baz=266	S	S	07 39 04.2	-1.0		
L18K	baz=262,SNR=8.7	S	S	07 38 34.9	+1.0	P19K	baz=265	S	S	07 38 46.3	-2.6	KBZ	baz=266 Khabaz	80.47	313	P	P	07 29 02.0	+0.9				
L18K	baz=262	S	S	07 38 34.9	+1.0	J20K	Novinta River	78.88	26	P	P	07 28 52.9	+0.8	KBZ	comp=Z,42nm,1.0s, baz=183,slow=4.6,SNR=24	LR	LR	08 10 12.4					
L18K	baz=262	S	S	07 38 34.9	+1.0	J20K	baz=264	S	S	07 38 49.5	+0.7	CUT	Chulitna	80.48	28	P	P	07 29 00.3	-0.5				
C19K	baz=262 Lookout Ridge	77.56	21	P	P	07 28 45.8	+1.1	J20K	baz=264	S	S	07 38 49.5	+0.7	CUT	baz=267	S	S	07 39 03.4	-2.4				
C19K	baz=258,SNR=19	S	S	07 38 34.9	+0.3	J20K	baz=264	S	S	07 38 49.5	+0.7	M22K	Willow	80.52	29	P	P	07 29 00.8	-0.2				
BELG	baz=258 Belogornye	77.56	322	LR	LR	08 03 25.5		M22K	Ar Rayn	78.97	293	IAMS_20	IAMS_20	08 10 16.0		M22K	baz=268,SNR=7.1	S	S	07 39 02.6	-3.6		
BELG	comp=Z,4um,20.4s, baz=88,slow=36							RAYN	Ar Rayn	78.97	293	i	P	P	07 28 53.5	0.0	KIV	baz=268	S	S	07 28 59.9	-2.2	
BELG	Belogornye	77.56	322	c/P	pmax	07 28 43.9	-1.1	RAYN	Ar Rayn	78.97	293	i	P	P	07 28 52.0	-1.5	KIV	SNR=21	S	S	07 29 02.0	-0.1	
RAR	comp=Z,72nm,0.9s	77.57	114	P	P	07 28 47.5	+1.9	RAYN	Ar Rayn	78.97	293	S	P	P	07 38 54.7	+3.2	KIV	SNR=21	S	S	07 39 07.0	-1.2	
RAR	Rarotonga	77.57	114	P	P	07 28 46.5	+0.9	RAYN	Ar Rayn	78.97	293	S	P	P	07 28 52.6	-0.9	KIV	SNR=21	S	S	07 29 02.0	+0.8	
RAR	comp=Z,53nm,1.1s, baz=186,slow=15,SNR=4.3					08 00 47.4		A21K	Barrow	78.99	19	P	P	07 28 52.8	+0.3	KIV	SNR=21	S	S	07 29 02.1	0.0		
RAR	comp=Z,2um,19.0s, baz=283,slow=34							A21K	baz=260	S	S	07 38 50.1	+0.4	KIV	SNR=21	S	S	07 32 05.8					
N18K	baz=263 Kilae Creek	77.25	29	P	P	07 28 46.4	+1.0	KDAK	Kodiak Island	79.06	33	IAMS_20	IAMS_20	08 00 07.7		KIV	SNR=21	S	S	07 39 09.7	+1.5		
N18K	baz=263,SNR=23	S	S	07 38 36.9	+1.0	KDAK	Kodiak Island	79.06	33	P	P	07 28 54.0	+0.9	KIV	comp=Z,140nm,1.0s	pmax	pmax						
N18K	baz=263	S	S	07 38 36.9	+1.0	KDAK	comp=Z,5um,21.3s, baz=265,slow=33	LR	LR	07 59 47.0		KIV	comp=Z,281nm,4.3s	80.62	313	P	P	07 29 02.2	+0.1				
J18K	baz=263 Innoko River	77.65	27	P	P	07 28 45.4	+0.0	KDAK	Kodiak Island	79.06	33	P	P	07 28 53.5	+0.3	SHA1	Kislovodsk	80.62	313	i	P	07 29 01.9	-0.5
J18K	baz=261,SNR=6.2	S	S	07 38 33.9	-1.9	KDAK	comp=Z,6um,22.0s			07 28 54.0	+0.9	O22K	Shidzhatmaz	80.64	313	d/P	P	07 29 01.4	-0.4				
F19K	baz=261 Shalercuk Mo	77.77	23	P	P	07 28 46.1	+0.2	KDAK	comp=Z,12nm,0.4s, baz=287,slow=3.5,SNR=41	LR	LR	07 59 47.0		O22K	Cooker Landing	80.67	30	P	P	07 29 05.3	-2.5		
F19K	baz=260	S	S	07 38 35.1	-1.8	KDAK	comp=Z,245nm,1.4s	pmax	pmax	07 28 58.4	+5.2	RC01	baz=268 Rabbit Creek A	80.68	29	P	P	07 29 01.6	-0.3				
GCSA	baz=260 Galena City Sc	77.78	25	P	P	07 28 46.6	+0.7	M20K	Styr River	79.10	28	P	Iamb	Iamb	07 29 45.5		RC01	baz=268	S	S	07 39 05.0	-3.0	
GCSA	baz=261	S	S	07 38 35.6	-1.3	M20K	comp=Z,267nm,1.6s			07 28 54.2	+0.6	D23K	Nanushuk River	80.70	21	P	P	07 29 02.8	+0.9				
M18K	baz=263 Stony River	77.79	29	P	P	07 28 47.1	+1.1	M20K	Styr River	79.10	28	P	S	S	07 28 54.5	+1.0	D23K	baz=266	S	S	07 39 07.1	-0.8	
M18K	baz=263,SNR=27	S	S	07 38 37.8	+0.6	M20K	comp=Z,267nm,1.6s			07 28 52.2	+0.6	COLD	Coldfoot	80.77	23	P	P	07 29 02.7	+0.4				
P18K	baz=263 Big Mountain,	77.82	31	P	P	07 28 46.6	+0.2	M20K	baz=265	S	S	07 38 52.2	+0.6	COLD	baz=267,SNR=18	S	S	07 39 09.9	+1.2				
P18K	baz=264,SNR=5.8	S	S	07 38 36.1	-1.7	GNI	baz=265			07 28 53.8	-0.4	SEW	baz=267 Seward	80.79	30	P	P	07 29 02.4	0.0				
SVW2	baz=264 Sparvevoh	77.85	29	P	P	07 28 48.8	+2.3	GNI	Garni	79.13	309	IAMS_20	IAMS_20	08 08 37.6		SEW	baz=268,SNR=6.4	S	S	07 39 07.3	-1.8		
Q18K	baz=264 Katmai Hardscr	77.86	32	P	P	07 28 46.3	-0.4	GNI	comp=Z,4um,21.2s, baz=91,slow=39	LR	LR	08 08 38.5		C23K	baz=268 Itkilik River	80.79	20	IAMS_20	IAMS_20	08 08 53.5			
Q18K	baz=264	S	S	07 38 34.9	-3.4	GNI	comp=Z,4um,21.2s, baz=91,slow=39	LR	LR	07 28 53.6	-0.6	C23K	comp=Z,5um,20.0s	80.79	20	P	P	07 29 02.9	+0.6				
O18K	baz=264 Koktuk Hills	77.89	30	P	P	07 28 47.3	+0.5	GNI	Garni	79.13	309	d/P	pmax	pmax	07 28 55.3	+1.1	C23K	baz=266,SNR=12	S	S	07 39 08.3	-0.5	
O18K	baz=264	S	S	07 38 39.2	+0.8	O20K	comp=Z,433nm,1.6s			07 28 55.0	+1.0	G23K	baz=266 Bananza Creek	80.81	24	P	P	07 29 03.9	+1.3				
O18K	baz=264	S	S	07 38 39.2	+0.8	O20K	baz=266	S	S	07 38 49.6	-3.0	G23K	baz=267,SNR=30	S	S	07 39 10.2	+0.9						
G19K	baz=264 Purcell Mounta	77.92	24	P	P	07 28 46.8	+0.1	O20K	baz=266	S	S	07 38 49.6	-3.0	H23K	Yukon River	80.96	24	IAMS_20	IAMS_20	08 06 38.2			
G19K	comp=Z,4um,19.0s					08 06 04.0		Q20K	Shuyak Island	79.21	32	P	P	07 28 54.1	+0.1	H23K	comp=Z,4um,20.0s	80.96	24	P	P	07 29 04.1	+0.7
G19K	baz=260,SNR=17	S	S	07 38 37.6	-0.9	Q20K	baz=266	S	S	07 38 51.4	-1.2	H23K	baz=268	S	S	07 39 11.7	+0.9						
D19K	baz=260 Kuna River	77.95	21	P	P	07 28 47.2	+0.3	IMAR	Indian Mountai	79.25	24	P	P	07 28 54.5	+0.5	H23K	baz=268	S	S	07 39 11.7	+0.9		
D19K	baz=259	S	S	07 38 37.8	-1.1	C21K	Knifblade Rid	79.26	21	P	P	07 28 54.6	+0.5	SIRT	baz=268 Sirtak	80.99	307	IAMS_20	IAMS_20	08 11 07.8			
R18K	baz=259 Karluk	78.04	33	P	P	07 28 47.0	-0.6	C21K	baz=262	S	S	07 38 51.7	-1.0	PMR	Palmer	80.99	29	P	P	07 29 03.2	-0.3		
R18K	baz=265	S	S	07 38 38.2	-1.8	B21K	Ikpiqkuk River	79.38	20	P	P	07 28 55.4	+0.7	PMR	Palmer	80.99	29	P	P	07 29 03.1	-0.3		
R18K	baz=265	S	S	07 38 38.2	-1.8	B21K	comp=Z,5um,19.0s			08 09 31.3		PMR	baz=268,SNR=21	S	S	07 39 07.8	-3.3						
H19K	baz=265 Roundabout Mou	78.08	25	P	P	07 28 49.1	+1.4	B21K	Ikpiqkuk River	79.38	20	P	P	07 28 55.2	+0.4	I23K	Minto, Yukon-K	81.00	25	P	P	07 29 04.1	+0.6
H19K	baz=261,SNR=41	S	S	07 38 41.3	+1.1	B21K	comp=Z,5um,19.0s			07 38 53.1	-0.9	I23K	baz=268,SNR=32	S	S	07 39 10.5	-0.7						
E19K	baz=261 Redstone River	78.09	23	P	P	07 28 49.4	+1.7	G21K	Allakaket	79.41	24	P	P	07 28 55.8	+0.8	I23K	baz=268	S	S	07 39 10.5	-0.7		
E19K	comp=Z,115nm,1.1s					07 29 43.0		G21K	baz=264	S	S	07 38 54.3	-0.1	E23K	Chandalar	81.04	22	P	P	07 29 04.7	+0.9		
E19K	Redstone River	78.09	23	P	P	07 28 48.3	+0.6	E21K	Killik River	79.46	22	P	P	07 28 55.6	+0.3	E23K	baz=268	S	S	07 39 11.2	-0.5		
E19K	baz=260	S	S	07 38 40.0	-0.4	E21K	baz=263	S	S	07 38 53.3	-1.6	A22K	Sinclair Lake	79.46	19	P	P	07 28 55.9	+0.8				
SII	baz=260 Sitkinak Islan	78.09	34	IAMS_20	IAMS_20	07 59 41.4		A22K	baz=262	S	S	07 38 53.7	-1.1	N20K	Mount Spurr	79.49	29	P	P	07 28 55.2	-0.4		
SII	comp=Z,6um,22.0s					07 28 50.1	+2.2	N20K	baz=266,SNR=6.3	S	S	07 38 55.8	+0.2	SPCR	Spurr Chakaka	79.49	29	P	P	07 28 55.1	-0.5		
SII	Sitkinak Islan	78.09	34	P	P	07 28 48.1	+0.2	SPCR	baz=266	S	S	07 38 55.0	+0.4	F21K	Alatna River	79.50	23	P	P	07 28 55.6	+0.1		
SII	baz=265	S	S	07 38 42.8	+2.1	F21K	Alatna River	79.50	23	P	P	07 28 55.6	+0.1	F21K	baz=264	S	S	07 38 55.5	+0.1				
J19K	baz=265 Poorman	78.21	26	P	P	07 28 49.1	+0.7	F21K	baz=264	S	S	07 38 55.5	+0.1	H21K	Melozitna Rive	79.60	25	IAMS_20	IAMS_20	08 05 26.4			
J19K	baz=262,SNR=11	S	S	07 38 41.7	0.0	H21K	comp=Z,4um,21.0s			07 28 56.3	+0.2	H21K	Melozitna Rive	79.60	25	P	P	07 28 56.3	+0.2				
J19K	baz=262	S	S	07 38 41.7	0.0	H21K	baz=264	S	S	07 38 57.4	+0.9	PPLA	baz=264 Puruyville	79.63	27	P	P	07 28 57.0	+0.6				
L19K	baz=262 White Mountain	78.33	28	P	P	07 28 49.9	+0.8	PPLA	baz=266,SNR=8.0	S	S	07 38 54.5	-2.7	CHUM	Lake Minchumin	79.65	26	P	P	07 28 57.0	+0.7		
L19K	baz=263,SNR=21	S	S	07 28 49.8	+0.7	CHUM	baz=265	S	S	07 38 55.1	-1.9	HOM	Homer										

N30M	baz=279	S	S	07 40 11.2 +1.9		
WLRA	Wolmera	66.77 279	eP	P	07 29 35.3 +0.8	
FURI	Furi	86.81 279	IAMs_20	IAMs_20	08 07 55.2	
FURI	Furi	86.81 279	LR	LR	08 07 57.8	
FURI	Furi	comp=Z,5um,20.1s,ba	comp=80,slow=35	P	07 29 40.5 +5.8	
FURI	Furi	86.81 279	eP	P	07 29 35.0 +0.3	
MAW	Mawson	86.95 200	P	P	07 29 34.3 +0.6	
MAW	comp=Z,56nm,1.1s,ba	comp=42,slow=7.2	SNR=20	LR	08 06 01.6	
G31M	Satah River	87.00 23	P	P	07 29 33.9 -0.2	
G31M	baz=281	S	S	07 40 10.1 -1.2		
INK	Inuvik	87.00 22	IAMs_20	IAMs_20	08 12 32.6	
INK	Inuvik	comp=Z,4um,20.0s	comp=80,slow=35	P	07 29 34.0 0.0	
INK	Inuvik	comp=Z,5.9nm,0.7s,ba	comp=286,slow=5.6	SNR=16	LR	08 13 02.6
INK	Inuvik	87.00 22	P	P	07 29 34.0 0.0	
INK	baz=282	S	S	07 40 09.2 -2.0		
P30M	Million Dollar	87.02 30	P	P	07 29 34.8 +0.3	
P30M	baz=279	S	S	07 40 13.4 +1.4		
SPA0	Spitsbergen Ar	87.04 349	eP	P	07 29 34.4 +0.2	
SPA0	comp=Z,1um,2.2s	comp=80,slow=35	IvMB_BB	IvMB_BB	07 29 45.5	
SPA0	comp=Z,1um,2.2s	comp=80,slow=35	eSKSac	SKSac	07 39 58.2 -1.5	
SPA0	comp=Z,1um,2.2s	comp=80,slow=35	IvMs_BB	IvMs_BB	08 15 35.7	
SPITS	Spitsbergen Ar	87.04 349	P	P	07 29 34.2 0.0	
SPITS	comp=Z,19nm,0.6s,ba	comp=69,slow=8.0	SNR=9.3	LR	08 12 37.9	
MMAI	Mount Meron Ar	87.07 303	P	P	07 29 35.5 +0.2	
MMAI	comp=Z,32nm,0.8s,ba	comp=79,slow=8.6	SNR=33	LR	08 12 29.5	
F31M	Tsigheitchic	87.10 22	P	P	07 29 33.9 -0.6	
F31M	Tsigheitchic	87.10 22	P	P	07 29 33.9 -0.6	
F31M	baz=282,SNR=9.5	S	S	07 40 10.4 -1.8		
ARA0	ARCESS Array S	87.13 340	eP	P	07 29 33.6 -1.1	
ARA0	ARCESS Array S	87.13 340	eSKSac	SKSac	07 39 56.0 -4.4	
ARCES	ARCESS Array B	87.13 340	P	P	07 29 33.9 -0.8	
ARCES	comp=Z,47nm,0.9s,ba	comp=61,slow=6.6	SNR=37	PKKPbc	PKKPbc	07 47 25.6 +3.4
ARCES	comp=Z,1.5nm,0.8s,ba	comp=247,slow=2.5	SNR=7.0	LR	08 11 04.7	
GHJ	Ghor Haditha	87.13 301	IAMs_20	IAMs_20	08 14 55.8	
H31M	Peel River	87.19 24	P	P	07 29 35.5 +0.4	
H31M	baz=281	S	S	07 40 12.2 -1.1		
O30N	Mendenhall	87.34 29	P	P	07 29 36.2 +0.2	
O30N	baz=280	S	S	07 40 16.5 +1.5		
TBI	Tubuai	87.35 114	eP	P	07 29 32.8 -3.8	
TBI	Tubuai	comp=Z,1um,26.2s	comp=80,slow=35	eP	07 32 55.0 -6.3	
TBI	Tubuai	comp=Z,1um,31.8s	comp=80,slow=35	eS	07 40 12.0 -4.3	
TBI	comp=Z,4um,30.4s	eS	S	07 40 12.0 -4.3		
TBI	comp=Z,8um,26.5s	eS	S	07 40 15.8 +3.2		
TBI	comp=Z,10um,30.2s	eSS	SS	07 46 02.5 +1.1		
TBI	comp=Z,2um,24.2s	eSS	SS	07 46 03.5 +2.1		
TBI	comp=Z,3um,29.5s	eSS	SS	07 46 04.2 +2.8		
TBI	comp=Z,18um,28.8s	eLQ	LQ	07 53 38.8		
TBI	comp=Z,25um,29.2s	eLR	LR	07 57 13.2		
TBI	comp=Z,4um,22.6s	eLR	LR	07 57 15.9		
N31M	Braeburn, Yuko	87.36 28	IAMs_20	IAMs_20	08 06 01.9	
N31M	Braeburn, Yuko	87.36 28	P	P	07 29 36.6 +0.6	
N31M	baz=280	S	S	07 40 17.3 +2.2		
PLBC	Pleasant Camp	87.43 30	P	P	07 29 36.3 -0.1	
PLBC	baz=280	S	S	07 40 17.6 +1.9		
HAMF	Hammerfest	87.47 341	eP	P	07 29 35.4 -1.0	
HAMF	comp=Z,810nm,1.2s	comp=80,slow=35	IvMB_BB	IvMB_BB	07 29 49.3	
HAMF	comp=Z,810nm,1.2s	comp=80,slow=35	eSKSac	SKSac	07 40 01.0 -1.5	
HAMF	comp=Z,810nm,1.2s	comp=80,slow=35	IvMs_BB	IvMs_BB	08 12 38.6	
DILA	Dilla	87.49 276	eP	P	07 29 37.2 -0.6	
KIRS	Kirsehir-Merke	87.53 309	PP	P	07 29 37.0 -0.4	
KBS	Kingsbay	87.56 350	P	P	07 29 35.9 -0.7	
KBS	Kingsbay	87.56 350	eP	P	07 29 36.6 0.0	
KBS	comp=Z,476nm,3.1s	IvMB_BB	IvMB_BB	07 29 47.9		
KBS	Kingsbay	87.56 350	P	P	07 29 35.9 -0.7	
KBS	comp=Z,41nm,1.1s	comp=80,slow=35	pmax	pmax	07 29 35.9 -0.7	
PMOR	Pomario Rio	87.58 105	eP	P	07 29 39.1 +1.2	
PMOR	Pomario Rio	87.58 105	eS	S	07 40 22.0 +3.2	
PMOR	Pomario Rio	87.58 105	eLR	LR	07 57 19.2	
PMOR	Pomario Rio	87.58 105	eT	T	09 06 31.6	
BR104	Keakin Array S	87.67 310	P	P	07 29 37.3 -0.8	
BR104	comp=Z,42nm,0.2s	comp=80,slow=35	SNR=10	LR	08 14 55.5	
BR131	Keakin Array S	87.67 310	P	P	07 29 37.7 -0.4	
BR131	Keakin Array B	87.67 310	P	P	07 29 37.2 -0.9	
BR131	comp=Z,13nm,0.9s,ba	comp=100,slow=3.9	SNR=24	LR	08 14 55.5	
BRTR	Keakin Array B	87.67 310	iP	P	07 29 37.5 -0.6	
BRTR	comp=Z,13nm,0.9s	comp=100,slow=3.9	SNR=24	pmax	pmax	
BRTR	comp=Z,13nm,0.9s	comp=100,slow=3.9	SNR=24	pmax	pmax	
BR106	Keakin Array S	87.69 310	P	P	07 29 37.6 -0.6	
BR106	comp=Z,22nm,0.8s,ba	comp=80,slow=35	SNR=280nm	LR	08 15 09.9	
BR105	Keakin Array S	87.69 310	P	P	07 29 37.6 -0.6	
BR105	comp=Z,31nm,1.0s,ba	comp=80,slow=35	SNR=319nm	LR	08 15 09.9	
BJO1	Bjornoya	87.72 345	eP	P	07 29 37.1 -0.3	
BJO1	comp=Z,2um,19.6s	comp=80,slow=35	IvMs_BB	IvMs_BB	08 15 09.9	
S31K	Pelican	87.75 32	P	P	07 29 37.6 -0.3	
S31K	baz=280	S	S	07 40 19.4 +0.5		
S31K	baz=280	S	S	07 40 19.4 +0.5		
VAH	Vaihoa	87.87 106	eP	P	07 29 38.8 -0.5	
VAH	comp=Z,144nm,1.3s	comp=80,slow=35	SNR=10	LR	07 57 32.0	
VAH	Vaihoa	87.87 106	eS	S	07 40 20.7 -0.8	
VAH	Vaihoa	87.87 106	eLR	LR	07 57 32.0	
VAH	Vaihoa	87.87 106	eT	T	09 06 50.5	
M31M	Drury Creek, Y	87.88 28	IAMs_20	IAMs_20	08 06 41.4	

M31M	Drury Creek, Y	87.88 28	P	P	07 29 38.6 +0.1
M31M	baz=281	S	S	07 40 21.0 +0.9	
R31K	City Hall, Gus	87.93 31	P	P	07 29 39.6 +0.9
R31K	baz=280	S	S	07 40 21.3 +0.7	
WHY	Whitehorse	87.94 29	P	P	07 29 39.7 +0.8
WHY	baz=281	S	S	07 40 22.5 +1.6	
SKAG	Skagway	87.95 30	IAMs_20	IAMs_20	08 06 56.6
SKAG	Skagway	87.95 30	P	P	07 29 40.8 +2.0
SKAG	Skagway	87.95 30	P	P	07 29 39.9 +1.7
SKAG	baz=281	S	S	07 40 22.5 +1.9	
KTK1	Kautokeino	88.04 339	eP	P	07 29 37.4 -1.7
KTK1	comp=Z,668nm,1.7s	comp=80,slow=35	IvMB_BB	IvMB_BB	08 13 41.0
KTK1	comp=Z,2um,18.2s	comp=80,slow=35	IvMs_BB	IvMs_BB	08 13 41.0
FARO	Faro, Yukon	88.35 27	P	P	07 29 41.2 +0.4
FARO	Faro, Yukon	88.35 27	P	P	07 29 41.2 +0.4
FARO	baz=282	S	S	07 40 26.0 +1.4	
SIT	Sitka	88.40 33	P	P	07 29 40.8 -0.2
SIT	baz=281	S	S	07 40 27.3 +2.3	
CSS	Mathiatis	88.54 305	P	P	07 29 41.8 -0.4
CSS	comp=Z,65nm,0.8s	comp=80,slow=35	Iamb	Iamb	07 29 52.8
CSS	comp=Z,4um,22.0s	comp=80,slow=35	IAMs_20	IAMs_20	08 15 35.9
CSS	Mathiatis	88.54 305	P	P	07 29 42.2 0.0
R32K	Eaglecrest	88.59 31	P	P	07 29 42.3 +0.4
R32K	baz=281	S	S	07 40 29.6 +2.7	
R32K	baz=281	S	S	07 40 29.6 +2.7	
JIS	Juneau Island	88.66 31	P	P	07 29 44.6 +2.4
FINES	FINES Array B	88.69 332	P	P	07 29 41.0 -1.3
FINES	comp=Z,31nm,0.5s,ba	comp=73,slow=4.9	SNR=108	LR	08 12 55.7
FINES	comp=Z,7um,20.9s,ba	comp=82,slow=7.8	SNR=38	LR	08 12 55.7
FINES	FINES Array B	88.69 332	iP	P	07 29 41.5 -0.8
FINES	comp=Z,43nm,0.7s	comp=80,slow=35	pmax	pmax	07 29 41.5 -0.8
N32M	Quiet Lake	88.70 29	P	P	07 29 42.7 +0.3
N32M	comp=Z,49nm,0.8s	comp=80,slow=35	Iamb	Iamb	07 30 06.0
N32M	Quiet Lake	88.70 29	P	P	07 29 43.1 +0.6
N32M	baz=283	S	S	07 40 29.4 +1.4	
S32K	Killinoos	88.72 32	P	P	07 29 43.3 +0.8
S32K	baz=281	S	S	07 40 30.0 +2.0	
S32K	baz=281	S	S	07 40 30.0 +2.0	
A36M	Sachs Harbour	88.72 17	P	P	07 29 42.5 +0.3
A36M	baz=290	S	S	07 40 25.7 -1.9	
P32M	Atlin	88.73 30	P	P	07 29 43.0 +0.4
P32M	baz=282	S	S	07 40 31.1 +2.8	
KIBK	Kibwezi	88.81 268	P	P	07 29 43.4 -0.5
KIBK	Kibwezi	88.81 268	P	P	07 29 42.8 +4.2
JETT	Jettan, Norway	88.85 340	eP	P	07 29 41.8 -1.1
JETT	comp=Z,2um,1.8s	comp=80,slow=35	IvMB_BB	IvMB_BB	07 29 56.3
JETT	comp=Z,2um,1.8s	comp=80,slow=35	eSKSac	SKSac	07 40 09.2 -1.7
JETT	comp=Z,2um,1.8s	comp=80,slow=35	IvMs_BB	IvMs_BB	08 14 03.8
VSU	Vasula	89.01 329	iP	P	07 29 42.9 -0.9
VSU	comp=Z,121nm,0.6s	comp=80,slow=35	pmax	pmax	07 29 42.9 -0.9
P33M	Teelin, Yukon	89.04 29	P	P	07 29 44.9 +0.8
P33M	baz=283	S	S	07 40 32.9 +1.7	
AK09	Malin Array Si	89.06 321	P	P	07 29 43.4 -0.9
AK08	Malin Array Si	89.08 321	P	P	07 29 43.4 -0.9
AKASG	Malin Array Be	89.09 321	P	P	07 29 43.4 -1.0
AKASG	comp=Z,114nm,1.1s	comp=80,slow=35	Iamb	Iamb	07 29 50.7
AKASG	Malin Array Be	89.09 321	P	P	07 29 43.3 -1.0
AKASG	comp=Z,44nm,0.9s,ba	comp=70,slow=4.1	SNR=84	PP	07 33 13.3 -1.0
AKASG	comp=Z,5.8nm,0.9s,ba	comp=67,slow=7.8	SNR=2.6	LR	08 14 19.8
AKASG	comp=Z,4um,18.6s,ba	comp=76,slow=39	SNR=6	LR	08 14 19.8
AKASG	Malin Array Be	89.09 321	P	P	07 29 43.4 -1.0
AKASG	comp=Z,114nm,1.1s	comp=80,slow=35	pmax	pmax	07 29 43.4 -1.0
AKKB	Malin Array Si	89.09 321	iP	P	07 29 43.0 -1.4
AKKB	comp=Z,126nm,1.1s	comp=80,slow=35	pmax	pmax	07 29 43.0 -1.4
AKKB	Malin Array Si	89.09 321	P	P	07 29 43.5 -0.9
AK10	Malin Array Si	89.09 321	iP	P	07 29 43.5 -0.9
KIEV	Kiev	89.10 321	iP	P	07 29 43.4 -1.0
KIEV	SNR=37	89.10 321	iP	P	07 29 43.6 -0.8
KIEV	Kiev	89.10 321	P	P	07 29 43.6 -0.8
KIEV	Kiev	89.10 321	P	P	07 29 43.5 -1.0
AK15	Malin Array Si	89.15 321	P	P	07 29 43.8 -0.9
AK22	Malin Array Si	89.17 321	P	P	07 29 43.9 -0.9
ARBE	Arbavere	89.18 330	eP	P	07 29 44.0 -0.5
MNK	Minsk	89.39 317	iS	SS	07 40 11.6 -1.7
MNK	comp=Z,368nm,1.0s,ba	comp=80,slow=35	PS	SS	07 41 42.2 +2.4
MNK	comp=Z,368nm,1.0s,ba	comp=80,slow=35	ISS	SSS	07 46 26.9 +0.7
MNK	comp=Z,368nm,1.0s,ba	comp=80,slow=35	pmax	pmax	07 50 02.1
MNK	comp=Z,66nm,1.0s	comp=80,slow=35	pmax	pmax	07 50 02.1
MNK	comp=N,40nm,0.9s	comp=80,slow=35	pmax	pmax	07 50 02.1
MNK	comp=E,24nm,0.8s	comp=80,slow=35	pmax	pmax	07 50 02.1
MNK	comp=E,4um,18.0s	comp=80,slow=35	MLR	MLR	07 50 02.1
MNK	comp=N,4um,20.0s	comp=80,slow=35	MLR	MLR	07 50 02.1
TRO	Tromso	89.32 341	eP	P	07 29 46.5 +1.5
TRO	comp=Z,756nm,2.2s	comp=80,slow=35	IvMB_BB	IvMB_BB	07 29 54.4
TRO	comp=Z,756nm,2.2s	comp=80,slow=35	eSKSac	SKSac	07 40 09.7 -3.8
TRO	comp=Z,756nm,2.2s	comp=80,slow=35	IvMs_BB	IvMs_BB	08 14 18.3
BAL3X	Balax, Balta	89.33 318	P	P	07 29 45.7 +0.1
PURM	Purcari	89.39 317	iP	P	07 29 46.2 +0.3
PURM	comp=Z,317nm,1.1s,ba	comp=80,slow=35	SNR=6um	LR	07 29 46.2 +0.3
KMBO	Kilima Mbogo	89.44 269	iP	P	07 29 46.4 -0.7
KMBO	SNR=12	89.44 269	iP	P	07 29 46.4 -0.7
KMBO	Kilima Mbogo	89.44 269	P	P	07 29 48.0 +0.8
KMBO	comp=Z,17nm,1.0s,ba	comp=60,slow=6.7	SNR=18	LR	08 08 04.7
KMBO	comp=Z,2um,21.2s,ba	comp=86,slow=34	SNR=10	LR	08 08 04.7
KMBO	Kilima Mbogo	89.44 269</			

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like Alexandroupoli, Arges, Ezine, Kotanele Air, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like MORC, MORC, MORC, MORC, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like BRG, BRG, BRG, BRG, etc.

RKT	comp=Z,29um,33.2s	eLR	LR	08 03 19.9	ELS	Elsinore Mount	107.11	52	IAMS_20	IAMS_20	08 17 16.1	POLO	Lamas de Olo	116.08	323	ePKPdf	PKPdf	07 35 33.7 +1.0		
RKT	comp=Z,21um,34.2s	eLR	LR	08 03 22.9	YNM	Yellowstone No	107.16	39	IAMS_20	IAMS_20	08 19 03.6	POLO	Lamas de Olo	116.08	323	ePP	PP	07 36 39.9 +3.1		
E07A	Sunnyside	100.58	40	IAMS_20	IAMS_20	08 10 05.8	YNR	Norris Junction	107.18	39	IAMS_20	IAMS_20	08 19 04.1	PVRL	Vila Real	116.10	323	ePKPdf	PKPdf	07 35 33.1 +0.5
UBBA	Unterbreizbach	100.65	325	eP	Pdf	07 30 36.5 -0.5	SPR3	Spring Creek 3	107.33	45	IAMS_20	IAMS_20	08 13 19.2	MTE	Manteigas	116.53	322	ePP	PP	07 36 39.9 +2.5
K04D	Chiloquin, OR	100.75	44	IAMS_20	IAMS_20	08 09 26.7	IMW	Indian Meadow	107.41	40	IAMS_20	IAMS_20	08 13 16.4	MTE	Manteigas	116.53	322	ePKPdf	PKPdf	07 35 34.7 +1.2
ABTA	Abfattersbach	100.79	320	ePdf	Pdf	07 30 36.7 -1.4	FLWY	Flagg Ranch	107.47	39	IAMS_20	IAMS_20	08 13 19.0	MTE	Manteigas	116.53	322	eSS	SS	07 52 49.2 +5.5
ABTA	comp=Z,25nm,1.1s	ePP	PP	07 34 45.3 -0.2	FWXY	Fox Creek	107.48	40	IAMS_20	IAMS_20	08 14 54.2	POLO	Lamas de Olo	116.08	323	eLR	LR	08 09 45.2		
ABTA	comp=Z,20nm,1.3s	eSKS	SKSac	07 41 15.9 -0.2	TPAW	Teton Pass	107.60	40	IAMS_20	IAMS_20	08 14 28.3	POLO	Lamas de Olo	116.08	323	eLR	LR	08 14 51.1		
HAWA	Hanford	100.85	40	IAMS_20	IAMS_20	08 10 43.9	REDW	Red Top Meadow	107.72	40	IAMS_20	IAMS_20	08 14 34.4	BGNE	Belgrade	116.63	36	IAMS_20	IAMS_20	08 34 14.9
ELIB	Princess Elisa	100.91	198	dP	Pdf	07 30 39.0 +1.0	SNOW	Snow King Moun	107.74	40	IAMS_20	IAMS_20	08 13 18.1	PCBR	Castelo Branco	116.82	322	ePKPdf	PKPdf	07 35 34.9 +0.9
ELIB	CUC	100.95	313	dPP	PP	07 34 46.5 +0.5	LOHW	Long Hollow	107.76	40	IAMS_20	IAMS_20	08 13 17.7	PCBR	Castelo Branco	116.82	322	ePP	PP	07 36 43.2 +1.3
D08A	Wollman Farm,	100.98	39	IAMS_20	IAMS_20	08 09 10.3	PSUT	Pine Springs	107.87	46	IAMS_20	IAMS_20	08 17 59.3	SLBS	Sierra La Lagu	116.89	59	IAMS_20	IAMS_20	08 19 20.0
E08A	Dider Farm, El	101.12	40	IAMS_20	IAMS_20	08 10 28.9	PFO	Pinyon Flats O	107.88	51	IAMS_20	IAMS_20	08 13 06.4	SPMN	Marine on St.	116.99	30	IAMS_20	IAMS_20	08 36 13.6
W07A	Wattenberg	101.14	321	i Pdf	Pdf	07 30 39.1 -0.6	DUGO	Dugway, Tooele	107.88	44	IAMS_20	IAMS_20	08 20 51.4	PMRV	Marv??o	117.02	321	ePKPdf	PKPdf	07 35 35.2 +0.8
WTTA	comp=Z,33nm,1.0s,SNR=8.5	ePP	PP	07 34 51.1 +3.0	TPFO	Pine Flats	107.88	51	PKIKP	PKIKP	07 35 17.1 -0.3	PMRV	Marv??o	117.02	321	ePP	PP	07 36 44.7 +1.4		
WTTA	comp=Z,11nm,1.2s	iSKS	SKSac	07 41 18.6 +0.7	TKX	Teac	108.14	52	IAMS_20	IAMS_20	08 22 13.5	PMRV	Marv??o	117.02	321	eLR	LR	08 10 45.0		
WATA	Walderalm	101.15	321	i Pdf	Pdf	07 30 38.9 -0.8	CTU	Camp Tracy	108.38	43	IAMS_20	IAMS_20	08 14 17.5	PMRV	Marv??o	117.02	321	ePP	PP	08 15 48.8
WATA	comp=Z,26nm,1.0s	PP	PP	07 34 52.0 +3.8	NLTU	North Lily Min	108.42	44	IAMS_20	IAMS_20	08 17 04.6	PCAS	Casimiro, Conde	117.32	322	ePKPdf	PKPdf	07 35 34.3 +1.0		
KASTN	Kahler Asten	101.38	326	eP	Pdf	07 30 40.1 -0.4	SNA	Sanae	108.52	195	IAMS_20	IAMS_20	08 18 09.4	PESTR	Estremoz	117.47	321	IAMS_20	IAMS_20	08 27 57.6
MCCM	Marcon Center	101.42	49	IAMS_20	IAMS_20	08 08 56.2	SNA	Sanae	108.52	195	PKIKPbc	PKIKPbc	07 46 24.8 -5.2	PESTR	Estremoz	117.47	321	ePKPdf	PKPdf	07 35 35.6 +0.3
SQTA	Sankt Quirin	101.42	321	ePdf	Pdf	07 30 40.4 -0.5	SNA	comp=Z,2.7nm,0.6s	108.52	195	PKIKPbc	PKIKPbc	07 31 01.9 -1.0	PESTR	Estremoz	117.47	321	ePP	PP	07 36 47.4 +0.9
SQTA	comp=Z,13nm,1.1s	ePP	PP	07 34 52.9 +2.6	SNA	Sanae	108.52	195	PKIKPbc	PKIKPbc	07 46 24.8 -5.2	PBAR	Barrancos	117.53	320	ePP	PP	07 35 36.2 +0.9		
MOTA	Moosalm	101.44	321	ePdf	Pdf	07 30 40.9 -0.8	SNA	comp=Z,5.1nm,0.4s	108.52	195	PKIKPbc	PKIKPbc	07 31 01.9 -1.0	I37A	Lemond, Waseca	117.54	31	IAMS_20	IAMS_20	08 28 58.2
MOTA	comp=Z,23nm,0.9s	ePP	PP	07 34 52.1 +1.8	SNA	Sanae	108.52	195	PKIKPbc	PKIKPbc	07 46 24.8 -5.2	PMBT	Montargil	117.75	321	ePKPdf	PKPdf	07 35 36.3 +0.5		
MOTA	comp=Z,23nm,1.3s	eSKS	SKSac	07 41 17.6 -1.8	SNA	Sanae	108.52	195	PKIKPbc	PKIKPbc	07 46 24.8 -5.2	PMBT	Montargil	117.75	321	ePP	PP	07 36 49.1 +0.7		
EDM	Edmonton	101.50	32	IAMS_20	IAMS_20	08 22 54.1	YUH	Yuha Desert	108.65	52	IAMS_20	IAMS_20	08 14 07.0	MSX	Muleshoe	117.91	45	IAMS_20	IAMS_20	08 18 48.0
RETA	Reutte	101.59	321	i Pdf	Pdf	07 30 40.8 -0.8	MPU	Maple Canyon	108.77	44	IAMS_20	IAMS_20	08 23 52.9	EVO	Evora	117.94	321	ePKPdf	PKPdf	07 35 37.0 +0.8
RETA	comp=Z,14nm,1.7s	ePP	PP	07 34 52.8 +1.3	SZCU	Shurtz Canyon	108.81	46	IAMS_20	IAMS_20	08 13 49.5	EVO	Evora	117.94	321	ePP	PP	07 36 50.2 +0.5		
RETA	comp=Z,41nm,1.6s	eSKS	SKSac	07 41 21.7 +1.8	PDAR	Pindelets Array	108.84	40	PKIKPbc	PKIKPbc	07 46 27.4 -1.1	GOVI	Conover	118.10	27	IAMS_20	IAMS_20	08 30 59.6		
NEW	Newport	101.60	38	P	Pdf	07 30 42.5 +0.9	PDAR	comp=Z,2.8nm,0.8s,baz=114,slo=3.7,SNR=12	108.84	40	PKIKPbc	PKIKPbc	07 46 27.4 -1.1	R32A	Long Quarter,	118.12	39	IAMS_20	IAMS_20	08 34 14.7
NEW	comp=Z,1.8nm,0.7s,baz=259,slo=7.9,SNR=3.6	PP	PP	07 34 52.3 +0.8	ESJX	Sierra Juarez	108.87	53	IAMS_20	IAMS_20	08 22 31.8	PBEJ	Beja	118.15	320	ePKPdf	PKPdf	07 35 37.8 +1.2		
GUMA	Gualdo di Mace	101.63	317	IAMS_20	IAMS_20	08 23 44.7	LCMT	Little Creek M	108.95	47	IAMS_20	IAMS_20	08 13 37.1	PBEJ	Beja	118.15	320	ePP	PP	07 36 49.7 -1.5
I07A	Izeze	101.75	42	IAMS_20	IAMS_20	08 16 20.0	BSUT	Birdsirent, Ca	109.12	43	IAMS_20	IAMS_20	08 14 52.1	AMTX	Amarillo	118.18	44	IAMS_20	IAMS_20	08 23 47.1
CAMP	Campotosto	101.78	316	IAMS_20	IAMS_20	08 25 16.4	VTX	Valle De La Tr	109.22	53	IAMS_20	IAMS_20	08 24 32.2	G40A	Rib Lake	118.23	29	IAMS_20	IAMS_20	08 32 11.1
FETA	Feichten	101.81	321	ePdf	Pdf	07 30 42.2 -0.4	KNB	Kanab	109.25	47	IAMS_20	IAMS_20	08 13 24.1	PVAQ	Vaqueiros	118.42	320	IAMS_20	IAMS_20	08 30 40.8
FETA	comp=Z,21nm,1.0s,SNR=7.8	ePP	PP	07 34 53.7 +0.6	MTPU	Mount Pierson	109.27	46	IAMS_20	IAMS_20	08 14 51.3	PVAQ	Vaqueiros	118.42	320	ePKPdf	PKIKP	07 35 38.0 +0.8		
FETA	comp=Z,17nm,1.5s	eSKS	SKSac	07 41 23.0 +1.8	Q16A	Castle Valley	109.59	44	IAMS_20	IAMS_20	08 22 58.6	PVAQ	Vaqueiros	118.42	320	ePP	PP	07 36 54.3 +1.2		
BUG	Bochum	101.91	326	eP	Pdf	07 30 42.2 -0.5	P17A	Butcher Ranch,	109.63	44	IAMS_20	IAMS_20	08 30 29.7	PVAQ	Vaqueiros	118.42	320	eSS	SS	07 53 22.3 +1.4
UBR	Ueberherrn	101.92	322	eP	Pdf	07 30 42.0 -1.0	CEST	Esteri de Car	109.82	320	IAMS_20	IAMS_20	08 29 05.0	PVAQ	Vaqueiros	118.42	320	eLR	LR	08 15 25.5
ORV	Orville	101.98	47	IAMS_20	IAMS_20	08 09 50.6	U15A	Uman Rim	109.89	47	IAMS_20	IAMS_20	08 14 03.0	N35A	Tabor	118.44	35	IAMS_20	IAMS_20	08 37 19.5
DAVA	Damulus	102.22	322	i Pdf	Pdf	07 30 44.2 -0.3	SRU	San Rafael Swe	109.94	44	IAMS_20	IAMS_20	08 22 18.1	MEJ3	Messejana	118.48	320	IAMS_20	IAMS_20	08 37 54.4
DAVA	comp=Z,13nm,1.0s	iPP	PP	07 34 54.0 -2.3	VNA2	Neumayer-Wat	110.14	195	PKIKPbc	PKIKPbc	07 46 23.2 -2.4	MEJ3	Messejana	118.48	320	ePKPdf	PKIKP	07 35 37.7 +0.4		
DAVA	comp=Z,24nm,1.3s	eSKS	SKSac	07 41 23.9 +0.8	VNA2	comp=Z,0.9nm,0.6s,baz=305,slo=1.2	110.14	195	PKIKPbc	PKIKPbc	07 46 23.2 -2.4	MEJ3	Messejana	118.48	320	ePP	PP	07 36 55.3 +1.8		
AFDM	Forest Hills D	102.57	48	IAMS_20	IAMS_20	08 14 40.4	VNA3	Neumayer Olymp	110.48	194	PKIKPbc	PKIKPbc	07 46 21.1 -2.6	MEJ3	Messejana	118.48	320	PKIKP	PKIKP	07 36 54.1 +0.6
BFO	Black Forest	102.71	323	eP	Pdf	07 30 45.4 -1.1	VNA3	comp=Z,1.1nm,0.7s	110.48	194	PKIKPbc	PKIKPbc	07 46 21.1 -2.6	MEJ3	Messejana	118.48	320	IAMS_20	IAMS_20	08 22 24.5
SAO	San Andreas Ge	102.95	50	IAMS_20	IAMS_20	08 09 16.7	WIN	Windhoek	110.67	249	IAMS_20	IAMS_20	08 18 44.8	PCVE	Castro Verde	118.49	320	ePKPdf	PKIKP	07 35 38.5 +1.2
PRMA	comp=Z,4um,21.0s	102.99	319	IAMS_20	IAMS_20	08 21 16.4	K22A	Casper	110.82	39	IAMS_20	IAMS_20	08 16 26.6	PNCL	Nicolau / Gran	118.52	321	ePKPdf	PKIKP	07 35 38.4 +1.1
SOE	Somerset East	103.10	238	IAMS_20	IAMS_20	08 10 49.5	O20A	White River Ci	111.00	42	IAMS_20	IAMS_20	08 15 34.8	PNCL	Nicolau / Gran	118.52	321	ePP	PP	07 36 52.1 -1.6
VLC	Villacollemand	103.19	318	PKP	PKIKP	07 35 06.9 -1.3	X16A	Lo Mia Camp, P	111.38	49	IAMS_20	IAMS_20	08 14 46.7	PBDV	Barranco-do-Ve	118.65	320	ePKPdf	PKIKP	07 35 39.3 +1.6
EMB	Emerald	103.20	47	IAMS_20	IAMS_20	08 14 42.9	MDND	Maddock	111.76	32	IAMS_20	IAMS_20	08 23 50.3	PBDV	Barranco-do-Ve	118.65	320	ePP	PP	07 36 56.4 +1.6
CMB	Columbia Colle	103.31	48	IAMS_20	IAMS_20	08 13 58.2	E28A	Huff	111.98	33	IAMS_20	IAMS_20	08 23 00.4	F42A	Maple Grove, Fa	118.65	327	IAMS_20	IAMS_20	08 36 55.5
BBG	Big Mountain B	103.32	50	IAMS_20	IAMS_20	08 10 43.5	ULM	Lac du Bonnet	111.99	28	PKIKPbc	PKIKPbc	07 46 17.6 -0.5	PTEO	Sao Teonito U	118.98	320	ePKPdf	PKIKP	07 35 39.3 +1.1
WLF	Walferdange	103.37	325	eP	Pdf	07 30 49.4 0.0	N23A	Red Feather La	112.12	40	IAMS_20	IAMS_20	08 13 10.1	Norwak	comp=Z,3um,21.0s	119.03	30	IAMS_20	IAMS_20	08 34 02.6
PAHR	Pah Rah Range	103.45	46	IAMS_20	IAMS_20	08 18 10.5	TUC	tucson	112.77	51	IAMS_20	IAMS_20	08 18 33.8	MORF	Marlete	119.08	320	ePKPdf	PKIKP	07 35 39.5 +1.0
PNTR	Pine Nut	103.52	47	IAMS_20	IAMS_20	08 10 26.5	S22A													

I49A	Point Hope	122.56	25	IAMS_20	IAMS_20	08 37 44.3
P43A	Skaggs, Pawnee	122.68	33	IAMS_20	IAMS_20	08 33 48.4
WHTX	Lake Whitney,	122.72	45	IAMS_20	IAMS_20	08 39 01.1
CCM	Cathedral Cave	122.84	35	IAMS_20	IAMS_20	08 40 58.1
LDAO	Lac Daran	122.85	14	IAMS_20	IAMS_20	08 33 10.7
MGMO	Mountain Grove	122.86	37	IAMS_20	IAMS_20	08 39 35.7
SLM	Saint Louis	123.00	34	IAMS_20	IAMS_20	08 33 49.2
435B	Jarell	123.31	46	IAMS_20	IAMS_20	08 31 57.3
435B	Jarell	123.31	46	PKIKP	PKPdf	07 35 46.0 -0.7
833A	Chaparral WMA,	123.32	49	IAMS_20	IAMS_20	08 26 05.0
833A	Chaparral WMA,	123.32	49	PKIKP	PKPdf	07 35 45.7 -1.1
FVM	French Village	123.35	35	IAMS_20	IAMS_20	08 41 08.6
SFIN	Lafayette	123.39	30	IAMS_20	IAMS_20	08 40 39.1
ZAIG	Zacatecas	123.46	57	IAMS_20	IAMS_20	08 22 58.7
L48A	N Adams	123.47	27	IAMS_20	IAMS_20	08 36 32.5
Q44	Meyer Farm Va	123.48	33	IAMS_20	IAMS_20	08 37 58.7
AAM	Ann Arbor	123.53	27	IAMS_20	IAMS_20	08 36 33.1
TRQ	Mont Tremblant	123.56	17	IAMS_20	IAMS_20	08 27 26.9
K50A	Casco	123.60	26	IAMS_20	IAMS_20	08 37 06.8
T42A	Van Buren	123.63	36	IAMS_20	IAMS_20	08 41 28.1
FCBR	Ozark Folk Cen	123.79	38	IAMS_20	IAMS_20	08 37 57.5
237A	Washetta, Mont	123.85	44	IAMS_20	IAMS_20	08 22 17.2
P46A	Rosedale	123.91	31	IAMS_20	IAMS_20	08 41 23.8
DELO	Deloro Mine	124.08	21	IAMS_20	IAMS_20	08 36 42.9
WHAR	Woody Howlow	124.08	38	IAMS_20	IAMS_20	08 39 58.5
OLIL	Olney	124.09	32	IAMS_20	IAMS_20	08 35 31.9
PBMO	Poplar Bluff	124.19	36	IAMS_20	IAMS_20	08 35 34.9
735A	Kenedy	124.22	48	IAMS_20	IAMS_20	08 34 03.5
SIUC	Southern Illin	124.22	34	IAMS_20	IAMS_20	08 34 44.5
LCAR	Lake Charles	124.25	37	IAMS_20	IAMS_20	08 33 45.6
CGM3	Cape Girardeau	124.27	35	IAMS_20	IAMS_20	08 33 25.8
N49A	Columbus Grove	124.39	28	IAMS_20	IAMS_20	08 31 21.0
WBO	Williamsburg	124.43	19	IAMS_20	IAMS_20	08 40 24.1
048B	Farmland	124.44	29	PKIKP	PKPdf	07 35 47.9 -0.7
MNT0	Montreal, Queb	124.49	17	IAMS_20	IAMS_20	08 34 30.3
BLO	Bloomington	124.59	31	IAMS_20	IAMS_20	08 34 46.9
WLAR	White Oak Lake	124.60	40	IAMS_20	IAMS_20	08 24 52.6
PARMO	Parma	124.66	35	IAMS_20	IAMS_20	08 42 14.3
NATX	Nacogdoches	124.78	43	IAMS_20	IAMS_20	08 37 15.6
USIN	University of	124.89	33	IAMS_20	IAMS_20	08 36 08.0
049A	Covington	124.89	29	IAMS_20	IAMS_20	08 31 16.5
HBAR	Harrisburg	124.89	37	IAMS_20	IAMS_20	08 25 24.7
P48A	Mitroy	124.92	30	IAMS_20	IAMS_20	08 33 43.5
PEBM	Pemiscott Bayo	124.98	36	IAMS_20	IAMS_20	08 32 45.8
GNAR	Gosnell	124.99	36	IAMS_20	IAMS_20	08 32 14.2
HCKT	Hockley	125.03	46	IAMS_20	IAMS_20	08 25 55.4
H1K	Hickman	125.05	35	IAMS_20	IAMS_20	08 35 17.5
Z41A	Richland Creek	125.08	40	IAMS_20	IAMS_20	08 34 04.1
M52A	Chesterland	125.15	25	IAMS_20	IAMS_20	08 29 33.8
LNXT	Lenox	125.20	36	IAMS_20	IAMS_20	08 34 11.7
N51A	Ashland	125.21	27	IAMS_20	IAMS_20	08 32 39.7
P49A	Miami Univ. Ec	125.22	29	PKIKP	PKPdf	07 35 49.8 -0.3
ERPA	Erie	125.24	24	IAMS_20	IAMS_20	08 37 54.0
UTMT	University of	125.39	35	IAMS_20	IAMS_20	08 35 26.5
WCI	Wyandotte Cave	125.42	32	IAMS_20	IAMS_20	08 35 13.8
H63A	Halls	125.42	36	IAMS_20	IAMS_20	08 34 17.6
FALTA	Nahmakanita, Br	125.48	13	IAMS_20	IAMS_20	08 35 39.2
ACSO	Alum Creek Sta	125.49	28	IAMS_20	IAMS_20	08 30 13.1
J57A	Williamstown	125.61	20	IAMS_20	IAMS_20	08 37 05.4
MET	Memphis-Engin	125.62	37	IAMS_20	IAMS_20	08 39 14.0
NCB	Newcom	125.69	18	IAMS_20	IAMS_20	08 29 29.2
VT1	Waterbury	125.81	17	IAMS_20	IAMS_20	08 41 29.5
T47A	Sharon Grove	125.91	33	IAMS_20	IAMS_20	08 39 54.0
R49A	Shelbyville	125.95	31	IAMS_20	IAMS_20	08 40 57.7
P51A	Williamsport	126.05	28	IAMS_20	IAMS_20	08 38 21.1
J59A	Piesco	126.06	19	IAMS_20	IAMS_20	08 36 45.0
052A	Adamsville	126.10	27	IAMS_20	IAMS_20	08 39 18.3
LBNH	Lisbon	126.13	16	IAMS_20	IAMS_20	08 36 58.6
WVT	Waverly	126.13	34	IAMS_20	IAMS_20	08 34 59.1
L56A	Greenwood	126.17	22	IAMS_20	IAMS_20	08 34 53.3
OXF	Oxford	126.35	37	IAMS_20	IAMS_20	08 25 56.4
441A	DeRidder	126.39	43	IAMS_20	IAMS_20	08 29 33.3
HNH	Hanover	126.52	17	IAMS_20	IAMS_20	08 40 20.9
SSFO	Shawnee State	126.61	29	IAMS_20	IAMS_20	08 43 33.9
PMPST	Porto Santo, M	126.61	321	ePP	PP	07 37 49.4 +0.8
PMP5	Porto Santo	126.63	281	ePP	PP	07 37 49.4 +1.3
Q25A	Bidwell	126.84	28	IAMS_20	IAMS_20	08 32 00.8
U49A	Red Boiling Sp	126.97	33	IAMS_20	IAMS_20	08 42 54.1
V48A	Smith Brothers	126.97	34	IAMS_20	IAMS_20	08 36 49.4
TRY	Troy	126.98	19	IAMS_20	IAMS_20	08 37 39.5
CLTN	Cedars of Leba	126.99	33	IAMS_20	IAMS_20	08 37 44.6
L59A	Walton	127.02	20	IAMS_20	IAMS_20	08 30 44.6
GBN	Guyaborough	127.11	7	IAMS_20	IAMS_20	08 38 39.9
PMAR	Madeira	127.21	321	ePP	PP	07 37 58.0 +5.2
PMOZ	Porto Moniz, M	127.32	321	ePP	PP	08 19 48.6

KSPA	Keystone Colle	127.32	21	IAMS_20	IAMS_20	08 34 19.8
Q54A	Coxs Mills	127.47	27	IAMS_20	IAMS_20	08 39 26.6
L61B	Northampton	127.55	18	PKIKP	PKPdf	07 35 53.8 -0.7
UNM	Universidad Na	127.80	59	IAMS_20	IAMS_20	08 22 49.1
HRV	Adam Zielonksi	127.83	17	IAMS_20	IAMS_20	08 34 17.6
SWET	Sewanee	127.85	34	IAMS_20	IAMS_20	08 37 34.6
WES	Weston	128.01	17	IAMS_20	IAMS_20	08 44 25.4
BCX	Boston College	128.09	17	IAMS_20	IAMS_20	08 42 09.7
Q56A	Snyder Ridge,	128.15	25	IAMS_20	IAMS_20	08 37 11.2
QMLA	Chad Macela	128.21	332	IAMS_20	IAMS_20	08 30 11.1
P57A	Homestead Farm	128.26	24	IAMS_20	IAMS_20	08 39 35.1
UCCT	U. Connecticut	128.28	18	IAMS_20	IAMS_20	08 38 47.8
346A	Big Creek Wild	128.40	40	IAMS_20	IAMS_20	08 31 21.0
CPCT	Cooper Cave	128.44	33	IAMS_20	IAMS_20	08 37 02.0
WSPT	Westport, CT	128.50	19	IAMS_20	IAMS_20	08 32 48.7
FPAL	Fort Paine	128.53	34	IAMS_20	IAMS_20	08 38 04.5
L64A	Middleborough	128.56	17	IAMS_20	IAMS_20	08 42 04.0
N62A	Caumsett State	128.67	19	IAMS_20	IAMS_20	08 32 53.2
M63A	Gales Ferry	128.69	18	IAMS_20	IAMS_20	08 30 57.0
SDMD	Soldier's Deli	128.79	23	IAMS_20	IAMS_20	08 39 54.0
M65A	Bushy Falmout	128.96	17	IAMS_20	IAMS_20	08 42 24.6
M65A	Bushy, Falmout	128.96	17	PKIKP	PKPdf	07 35 56.8 -0.4
U54A	Nelsons Funny	129.00	30	IAMS_20	IAMS_20	08 43 31.2
V53A	Saluda	129.17	31	IAMS_20	IAMS_20	08 33 47.0
S57A	Dark Hollow, R	129.31	26	IAMS_20	IAMS_20	08 40 07.2
DBIC	Dimboko	129.60	285	PKP	PKPdf	07 35 58.4 -0.8
DBIC	U. Connecticut	129.61	10	SKPbc	SKPab	07 39 17.6 -1.7
Y52A	Libburn	129.89	34	IAMS_20	IAMS_20	08 43 07.4
152A	Waverly Hall	130.41	35	IAMS_20	IAMS_20	08 45 34.4
GOGA	Godfrey	130.55	33	IAMS_20	IAMS_20	08 43 34.0
HODGE	Hodges	130.57	32	IAMS_20	IAMS_20	08 28 08.2
W57A	Gilead	130.98	29	IAMS_20	IAMS_20	08 42 34.6
USHA	Ushuaia	131.02	169	SKPbc	SKPbc	07 39 22.6 -1.3
JSC	Jenkinsville	131.04	31	IAMS_20	IAMS_20	08 36 12.7
BIRD	Birdtown, Kers	131.16	30	IAMS_20	IAMS_20	08 36 38.5
154A	Montrose	131.36	34	IAMS_20	IAMS_20	08 42 31.3
Y57A	Sumter	131.69	30	IAMS_20	IAMS_20	08 41 20.7
V61A	Roper	132.00	25	IAMS_20	IAMS_20	08 41 15.1
255A	Hazlet	132.22	34	IAMS_20	IAMS_20	08 37 43.2
CMIG	Matias Romero	132.45	59	PKP	PKPdf	07 36 03.8 -0.7
CMIG	U. Connecticut	132.45	101	SKPbc	SKPbc	07 39 21.9 -0.5
NHSC	New Hope	132.52	31	IAMS_20	IAMS_20	08 41 59.8
CSU	Charleston Sou	132.67	31	IAMS_20	IAMS_20	08 39 07.8
TEIG	Teipich	136.21	51	PKP	PKPdf	07 36 10.7 -0.7
TEIG	U. Connecticut	136.21	15	SKP	SKPab	07 39 47.7 +0.1
APG	El Apazole	137.18	59	SKPbc	SKPbc	07 39 41.9 -3.7
SOR	Soroa	138.45	43	IAMS_20	IAMS_20	08 46 29.7
BBSR	BB Station	139.19	15	IAMS_20	IAMS_20	08 37 16.3
CAMR	Camarcica	139.36	41	IAMS_20	IAMS_20	08 45 16.5
TGUH	Tegucigalpa,Un	140.33	58	IAMS_20	IAMS_20	08 43 28.9
LL01	San Ignacio de	141.18	157	IAMS_20	IAMS_20	08 35 50.0
PLCA	Paso Flores	143.30	158	PKP	PKPdf	07 36 23.2 -0.6
PLCA	U. Connecticut	143.30	11	SKP	SKPbc	07 40 01.2 +0.2
PLCA	Paso Flores	143.30	158	eP	PKIKP	07 36 25.7 -1.5
JTS	Las Juntas de	144.13	61	PKP	PKPdf	07 36 25.4 -0.5
CHIV	Chivirico	144.77	40	IAMS_20	IAMS_20	08 53 34.6
HDC	Heredia	145.00	61	IAMS_20	IAMS_20	08 39 11.1
HDC	Heredia	145.00	61	eP	PKPbc	07 36 26.9 0.0
LCR2	La Lucha 2	145.21	61	IAMS_20	IAMS_20	08 53 09.8
MTDJ	Mount Denham	145.29	43	IAMS_20	IAMS_20	08 52 41.1
GTBY	Guantanamo Bay	145.62	38	IAMS_20	IAMS_20	08 44 11.8
GTBY	Guantanamo Bay	145.62	38	IAMS_20	IAMS_20	08 44 11.8
GTBY	Guantanamo Bay	145.62	38	IAMS_20	IAMS_20	08 44 11.8
STH	Stony Hill	145.89	42	IAMS_20	IAMS_20	07 36 29.9 -0.1
H0J	Hope	145.98	42	IAMS_20	IAMS_20	07 36 30.4 +0.2
GRTK	Grand Turk	146.59	31	IAMS_20	IAMS_20	08 41 09.4
BRU2	Volcan	146.80	62	IAMS_20	IAMS_20	08 28 53.0
GO05	Huala	147.54	151	IAMS_20	IAMS_20	07 36 33.6 -0.2
EDS3	Malargue	148.05	155	IAMS_20	IAMS_20	07 36 36.3 -0.9
BO02	Sierra Bellavi	148.26	152	IAMS_20	IAMS_20	07 36 36.4 +0.5
BO01	Tunca	148.44	151	IAMS_20	IAMS_20	07 36 35.6 -0.6
MT01	Popet	148.79	151	IAMS_20	IAMS_20	08 37 29.5
MT01	Popeta	148.79	151	IAMS_20	IAMS_20	07 36 37.4 +0.2
BO04	La Punta	149.00	152	IAMS_20	IAMS_20	07 36 38.0 +0.8
BCIP	Isla Berz Col	149.07	59	IAMS_20	IAMS_20	08 52 14.8
VA01	Torpederas	149.27	149	IAMS_20	IAMS_20	08 47 03.5
RFA	San Rafael	149.29	155	IAMS_20	IAMS_20	07 36 39.1 +0.6
LME1	Las Melosas	149.31	152	IAMS_20	IAMS_20	08 40 26.8
LME1	Las Melosas	149.31	152	IAMS_20	IAMS_20	07 36 38.7 0.0
MT13	San Alfonso	149.35	152	IAMS_20	IAMS_20	08 40 16.2
MT13	San Alfonso	149.35	152	IAMS_20	IAMS_20	07 36 39.9 0.0
MT13	Renca	149.43	151	IAMS_20	IAMS_20	07 36 41.3 +1.3
MT13	Universidad Ad	149.45	151	IAMS_20	IAMS_20	07 36 39.0 +0.1
PEL	Peledue	149.65	151	IAMS_20	IAMS_20	07 36 39.4 0.0
MT08	San Esteban Ro	149.73	61	IAMS_20	IAMS_20	07 36

Table with columns: JISS, Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like Ishikarishtsu, Noboribetsu, Urakawa-nobuka, Ashibetsu, Churui, etc.

IDC 08 07:30:36.0-0.8, 28.845:0.03:30.24W, h108km, 5km, n47, c1573/76, Central Chile

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like El Transito, Las Campanas, Copiap, La Serena, etc.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like Tololo Observa, Mina Casimiro, Cuesta del Vie, Cerro Coronel, etc.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like El Pedregal, Combarbal, Pan de Azucar, Valle Fertl, etc.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like Cerro Valdivia, Los Peladeros, Leoncito, Agrelo, Farellones, Limon Verde, etc.

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

Table with columns: SIV, Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like San Ignacio, Guandu, BOAV, GSPA, etc.

Table with columns: TORO, Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like Torodi Arr, WRA, ZALV, etc.

RSRP 08 07:40:47.5, 19:11N:67.90W, h12km, 3km, 3C-6D, Mona

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

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

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like TABO3, TABO3, UPA, etc.

IDC 08 08:28:08.3-2.4, 10:64S:78.64W, h49km, 22km, mb3.5/9, mbmp3.8/13, ML3.6/5, Error ellipse: s-maj=38.1km

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

Table with columns: ARNL, Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like Arenillas, Antisana-Sarah, etc.

Table with columns: LPAZ, Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like La Paz, ETMB, etc.

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

Table with columns: ABTX, Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like Abilene, Halls, GNSR, etc.

Table with columns: GSPA, Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like South Pole, South Pole, TORO, etc.

NOU 08 08:45:49.8, 15:69S:177.12W, h391km, mb4.6/28, Fiji

NEIC 08 08:45:54.3-2.2, 15:9S:0.1-177.5W, h411km, 8km, mb4.5/61, Error ellipse: s-maj=24.3km s-min=15.5km az=142.0

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

GVZ	Greta Valley S	28.26	195	P	P	08 51 09.6	-1.9
LTZ	Lake Taylor	28.29	196	P	P	08 51 09.6	-2.2
LTZ	comp-Z,15nm,0.7s			Iamb	Iamb	08 51 12.6	
LTZ	Lake Taylor	28.29	196	P	P	08 51 09.6	-2.2
INZ	Inchbinnie	28.46	197	P	P	08 51 11.3	-2.0
OXZ	Oxford	28.86	196	P	P	08 51 14.8	-1.9
OXZ	Oxford	28.86	196	P	P	08 51 15.3	-1.4
MOZ	McQueen's Vall	29.05	195	P	P	08 51 16.8	-0.6
RPZ	Rata Peaks	29.48	197	P	P	08 51 21.6	-0.6
JCZ	Jackson Bay	30.50	200	P	P	08 51 30.1	-1.1
EIDS	Eidsvoll	30.87	247	P	P	08 51 33.1	-1.4
ARMA	Armidale	31.79	237	P	P	08 51 43.6	+1.0
MLZ	Mavora Lakes	31.87	199	P	P	08 51 42.1	-0.9
MGCD	Mangrove Creek	33.25	233	P	P	08 51 55.7	+0.8
TVIH	Townsville Har	34.20	259	P	P	08 52 05.3	+2.0
CTAO	Charters Tower	34.72	257	S	S	08 52 08.3	+0.7
CTAO	comp-Z,21nm,0.8s			Iamb	Iamb	08 52 10.4	
CTAO	Charters Tower	34.72	257	P	P	08 52 09.3	+1.6
CNB	Canberra Magne	35.43	231	P	P	08 52 13.0	-0.5
CAN	Canberra	35.70	231	P	P	08 52 15.3	-0.4
MTSU	Mount Surprise	36.57	261	P	P	08 52 22.7	-0.6
CMSA	Cobar Meteorol	36.98	238	P	P	08 52 25.8	-0.7
QLP	Quilpie	37.15	247	P	P	08 52 28.5	+0.6
COEN	Coen	38.04	267	P	P	08 52 35.2	-0.1
COEN	comp-Z,20nm,0.7s			Iamb	Iamb	08 52 39.7	
COEN	Coen	38.04	267	P	P	08 52 35.4	0.0
GLAD	Gladstone	38.98	223	P	P	08 52 42.2	-0.6
TOO	Toolangi	39.20	229	P	P	08 52 44.5	-0.2
TOO	comp-Z,16nm,0.8s			Iamb	Iamb	08 52 47.2	
TOO	Toolangi	39.20	229	P	P	08 52 44.4	-0.2
STKA	Stephens Creek	40.44	239	P	P	08 52 53.8	-1.0
STKA	Stephens Creek	40.44	239	P	P	08 52 54.2	-0.6
STKA	comp-Z,13nm,0.8s,baz=86,slow=11,SNR=18			P	P	08 52 53.8	-1.0
HTT	Hallett	43.00	238	P	P	08 53 14.8	-0.5
LCRK	Leigh Creek	43.00	242	P	P	08 53 14.3	-1.0
GBOD	Buckleboo	45.22	239	P	P	08 53 21.9	-0.7
WR0	Warramunga Arr	45.73	257	P	P	08 53 35.1	-1.7
WB2	Warramunga Arr	45.91	257	P	P	08 53 36.7	-1.5
WRA	Warramunga Arr	45.92	257	P	P	08 53 36.0	-2.3
WRA	Warramunga Arr	45.92	257	P	P	08 53 36.7	-1.6
WRA	comp-Z,7.7nm,0.7s,baz=94,slow=7.3,SNR=105			S	S	08 59 46.6	-5.8
AS31	Alice Springs	46.25	252	P	P	08 53 39.5	-1.2
AS31	comp-Z,14nm,0.8s			Iamb	Iamb	08 53 41.0	
ASAR	Alice Springs	46.25	252	P	P	08 53 39.1	-1.6
ASAR	Alice Springs	46.25	252	P	P	08 53 39.9	-0.9
ASAR	comp-Z,40nm,0.6s,baz=86,slow=8.1,SNR=406			P	P	08 59 52.4	-4.6
MTN	Manton Dam	49.78	266	P	P	08 54 06.2	-1.3
MTN	comp-Z,40nm,0.6s			Iamb	Iamb	08 54 11.5	
KNRA	Kununurra	51.62	262	P	P	08 54 20.0	-1.0
KNRA	comp-Z,22nm,0.8s			Iamb	Iamb	08 54 24.8	
FORT	Forest	51.73	243	P	P	08 54 20.1	-1.5
FITZ	Fitzroy Crossi	54.28	259	P	P	08 54 41.8	+1.6
PSA00	Pilbara Seismi	59.32	254	P	P	08 55 13.6	-1.5
PSA00	comp-Z,21nm,1.0s			Iamb	Iamb	08 55 19.1	
SBA	Scott Base	62.56	184	P	P	08 55 37.8	+2.1
MJAR	Matsushiro Arr	66.78	322	P	P	08 56 01.9	-1.4
MJAR	comp-Z,2.7nm,0.9s,baz=151,slow=6.4,SNR=2.9			P	P	08 56 01.9	-1.4
PETK	Petrovavlovsk-	71.89	345	P	P	08 56 32.2	-1.6
PETK	comp-Z,4.7nm,0.8s,baz=103,slow=9.3,SNR=7.7			P	P	08 56 32.2	-1.6
SPIA	Saint Paul Isl	72.95	4	P	P	08 56 39.4	-0.4
KSR5	Korea Array	73.75	317	P	P	08 56 44.9	0.0
KSR5	comp-Z,1.0nm,0.7s,baz=112,slow=31,SNR=3.2			P	P	08 56 44.9	0.0
QSPA	South Pole Qui	74.24	180	P	P	08 56 48.4	+0.9
QSPA	comp-Z,1.2nm,0.9s,baz=31,slow=2.7,SNR=49			P	P	08 56 48.4	+0.9
KMRM	Mail Ridge	74.84	40	P	P	08 56 51.9	+0.8
KHMM	Horse Mountain	75.21	39	P	P	08 56 54.1	+0.7
KHMM	comp-Z,15nm,1.2s			Iamb	Iamb	08 56 55.8	
R17L	Mt. Peulik Vol	75.23	12	P	P	08 56 51.8	-1.2
R17L	comp-Z,10nm,1.1s			Iamb	Iamb	08 56 56.7	
O02D	Mt. Diabolo Mer	75.38	40	P	P	08 56 54.9	+0.7
O02D	comp-Z,10nm,1.1s			Iamb	Iamb	08 56 56.7	
USRK	Ussuriysk Ar.	75.40	325	P	P	08 56 53.6	-0.6
USRK	comp-Z,2.7nm,0.7s,baz=126,slow=7.3,SNR=5.5			P	P	08 56 53.6	-0.6
KRMB	Red Mountain	75.49	39	P	P	08 56 56.1	+1.2
KRMB	comp-Z,15nm,1.2s			Iamb	Iamb	08 56 57.3	
R18K	Karluq	75.56	13	P	P	08 56 53.9	-0.8
R18K	comp-Z,203			P	P	08 56 53.9	-0.8
KSX8	Camp Six Broad	75.69	38	P	P	08 56 57.1	+1.1
KSX8	comp-Z,14nm,1.2s			Iamb	Iamb	08 56 58.3	
CMB	Columbia Colle	75.70	43	P	P	08 56 56.5	+0.5
CMB	comp-Z,8.4nm,1.1s			Iamb	Iamb	08 56 57.8	
Q17K	Contact Creek	75.92	12	P	P	08 56 55.9	-0.9
TPFO	Pinon Flats	76.11	49	P	P	08 56 56.6	-2.0
KDAK	Kodiak Island	76.16	13	P	P	08 56 57.1	-1.0
KDAK	comp-Z,205			P	P	08 56 57.1	-1.0
P16K	Nushagak River	76.25	10	P	P	08 56 57.6	-0.9
P16K	comp-Z,9.8nm,1.1s			P	P	08 57 00.3	+0.7
YBH	Yreka Blue Hor	76.34	39	P	P	08 57 00.3	+0.7
YBH	comp-Z,9.8nm,1.1s			Iamb	Iamb	08 57 01.8	
K02D	Willamette Mer	76.34	38	P	P	08 57 00.5	+0.9
Q16K	Katmai Hardscr	76.44	12	P	P	08 56 59.2	-0.6
Q16K	comp-Z,202			P	P	08 56 59.2	-0.6
N14K	Kuskokwak Cree	76.54	8	P	P	08 56 59.4	-0.8
N14K	comp-Z,9.0nm,1.1s			P	P	08 57 02.0	+0.8
WAKR	Walker	76.59	43	P	P	08 57 03.0	+0.8
WAKR	comp-Z,9.0nm,1.1s			Iamb	Iamb	08 57 03.0	+0.8
P17K	Kvichak River	76.68	11	P	P	08 57 00.3	-0.6
P17K	comp-Z,12nm,1.3s			P	P	08 57 01.9	+0.3
HUMO	Hull Mountain	76.71	38	P	P	08 57 03.8	
HUMO	comp-Z,12nm,1.3s			Iamb	Iamb	08 57 03.8	
O16K	Kokwok River B	76.77	10	P	P	08 57 00.4	-1.0
O16K	comp-Z,199			P	P	08 57 02.2	-0.2
PNTR	Pine Nut	76.80	43	P	P	08 57 02.2	-0.2
PNTR	comp-Z,13nm,1.0s			Iamb	Iamb	08 57 04.3	
DSP	Deep Springs	76.96	45	P	P	08 57 03.3	+0.4
YERR	Yerington	76.98	43	P	P	08 57 03.3	0.0
YERR	comp-Z,16nm,1.3s			Iamb	Iamb	08 57 05.1	
N15K	Kwethluk River	77.00	9	P	P	08 57 02.0	-0.7
N15K	comp-Z,16nm,1.3s			P	P	08 57 02.6	-0.7
P18K	Big Mountain,	77.09	11	P	P	08 57 02.6	-0.7
P18K	comp-Z,202			P	P	08 57 02.8	-0.4
O17K	Koliganek Bris	77.10	10	P	P	08 57 02.8	-0.4
GRAC	Grapevine Rang	77.18	45	P	P	08 57 04.4	+0.1
NVAR	Mina Array Bea	77.30	44	P	P	08 57 06.0	+0.9
NVAR	comp-Z,5.2nm,0.9s,baz=230,slow=8.6,SNR=27			P	P	08 57 05.5	+0.4
N14K	Bethel	77.31	8	P	P	08 57 03.9	-0.4
N14K	comp-Z,195			P	P	08 57 05.6	+0.6
NJ2	Nanjing	77.31	309	eP	eP	08 57 05.6	+0.6
NJ2	comp-Z,14nm,0.5s			pmax	pmax		
NJ2	comp-Z,420nm,5.4s			pmax	pmax		
M15K	Kasigluk River	77.42	8	P	P	08 57 04.6	-0.4
M15K	comp-Z,196			P	P	08 57 04.7	-0.8
N16K	Nishik Lake	77.50	9	P	P	08 57 05.0	-0.6
N16K	comp-Z,198			P	P	08 57 05.0	-0.6
O18K	Koktuh Hills	77.53	11	P	P	08 57 05.0	-0.6
O18K	comp-Z,202			P	P	08 57 05.3	-0.3

WCT	Wildcat Mounta	77.58	46	P	P	08 57 07.3	+0.7
WCT	comp-Z,9.8nm,1.3s			Iamb	Iamb	08 57 08.5	
KVN	Kaisererville	77.76	43	P	P	08 57 07.6	-0.1
KVN	comp-Z,11nm,1.3s			Iamb	Iamb	08 57 09.3	
L14K	Kuka Creek	77.79	7	P	P	08 57 06.4	-0.6
L14K	comp-Z,194			P	P	08 57 06.5	-0.6
N17K	Nushagak Hills	77.80	10	P	P	08 57 06.5	-0.6
TPNV	Topopah Spring	77.92	46	P	P	08 57 08.8	+0.3
M16K	Timber Creek	77.99	9	P	P	08 57 08.1	0.0
M16K	comp-Z,198			P	P	08 57 07.4	-0.7
O19K	Port Aisworth	78.01	12	P	P	08 57 07.8	-0.4
K13K	Kusilvak Mount	78.14	6	P	P	08 57 08.6	-0.3
K13K	comp-Z,193			P	P	08 57 08.9	-0.2
N18K	Kilae Creek	78.17	11	P	P	08 57 08.9	-0.2
O20K	Slope Mountain	78.25	12	P	P	08 57 09.5	-0.1
O20K	comp-Z,204			P	P	08 57 09.0	-0.6
L15K	Ungalak Mounta	78.26	8	P	P	08 57 09.7	-0.3
BRSE	Bradley Lake S	78.34	13	P	P	08 57 09.7	-0.3
BRSE	comp-Z,206			P	P	08 57 11.0	-0.2
N19K	Bonanza Creek	78.55	11	P	P	08 57 11.0	-0.2
L16K	Dwhat River	78.57	9	P	P	08 57 11.3	+0.1
L16K	comp-Z,198			P	P	08 57 11.3	0.0
M17K	Holinta River	78.59	10	P	P	08 57 11.3	0.0
M17K	comp-Z,200			P	P	08 57 13.2	+0.5
K15K	Wolf Creek Mou	78.85	8	P	P	08 57 14.3	
K15K	comp-Z,14nm,1.1s			Iamb	Iamb	08 57 14.3	
K15K	Wolf Creek Mou	78.85	8	P	P	08 57 13.1	+0.3
K15K	comp-Z,196			P	P	08 57 13.7	+0.3
SEW	Seaward	78.96	14	P	P	08 57 13.7	+0.3
R11B	Troy Canyon, C	79.08	45	P	P	08 57 15.0	+0.2
R11B	comp-Z,200			P	P	08 57 14.8	0.0
L17K	Donlin	79.15	9	P	P	08 57 14.7	+0.4
L17K	comp-Z,199			P	P	08 57 14.4	-0.4
O20K	Cooper Landing	79.24	14	P	P	08 57 14.4	-0.4
O20K	comp-Z,202			P	P	08 57 14.8	-0.7
N22K	Mount Spurr	79.35	12	P	P	08 57 14.8	-0.7
N22K	comp-Z,205			P	P	08 57 16.3	+0.2
SPCR	Spurr Kachacha	79.35	12	P	P	08 57 14.8	-0.7
L18K	Granite Mounta	79.48	10	P	P	08 57 16.3	+0.2
L18K	comp-Z,201			P	P	08 57 17.1	-0.1
K17K	Iditarod	79.70	9	P	P	08 57 17.1	-0.1
K17K	comp-Z,198			P	P	08 57 17.4	+0.1
L19K	White Mountain	79.76	11	P	P	08 57 17.2	-0.4
RC01	Rabbit Creek A	79.78	13	P	P	08 57 17.4	-0.3
RC01	comp-Z,1.2nm,0.8s,baz=84,slow=15,SNR=8.9			P	P	08 57 17.0	-1.3
PWL	Port Wales	79.89	14	P	P	08 57 17.7	-0.8
PWL	comp-Z,208			P	P	08 57 18.1	-0.3
SUA	Susitna One	79.89	13	P	P	08	

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YHNB, ETL, NACB, NNSB, etc.

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

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

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

Technical notes and data for station ELOB, including coordinates, moment tensor solution, and principal axes.

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

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Table with columns: Station, Time, Status, Altitude, etc. Includes stations like Bukit Timah Da, Hong Kong Po S, Wujun Array Be, etc.

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Table with columns: Station, Time, Status, Altitude, etc. Includes stations like DL2, MDJ, CLES, TYV, etc.

8d 10h

Table with columns: Station, Time, Status, Altitude, etc. Includes stations like TIY, SKS, CHTO, etc.

8d 10h

OHAK	Old Harbor	84.90	19	P	P	10 15 22.2	+0.1
OHAK	Old Harbor	84.90	19	P	P	10 15 21.2	-0.9
Q17K	Contact Creek	85.04	17	P	P	10 15 21.6	-1.3
N14K	Kuskokwak Cree	85.08	14	P	P	10 15 21.7	-1.2
P16K	Nushagak River	85.15	16	P	P	10 15 22.5	-0.8
M13K	Dall Lake	85.17	13	P	P	10 15 22.5	-0.8
Q16K	King Salmon	85.19	17	P	P	10 15 22.3	-1.2
TROLL	Troll, Antarti	85.55	184	↑P	P	10 15 24.4	-1.2
TROLL	comp=Z,0.3nm,0.1s				↑SKSac	10 25 48.0	-1.0
LZH	Lanzhou	85.57	312	eP	sP	10 15 27.1	+0.9
LZH				sP	PP	10 15 35.3	-0.4
LZH				SS	SS	10 18 46.0	+0.6
LZH				S	S	10 26 02.9	+6.2
LZH				SS	SS	10 31 38.8	+5.4
LZH	comp=Z,72nm,1.1s			pmax	pmax		
LZH	comp=Z,1.1m,4.5s			LR	LR		
LZH	comp=Z,150nm,13.9s			LR	LR		
LZH	comp=Z,470nm,14.1s			LR	LR		
KDAK	comp=Z,710nm,16.5s						
KDAK	Kodiak Island	85.58	19	IAMS_20	IAMS_20	10 52 06.5	
KDAK	Kodiak Island	85.58	19	P	P	10 15 25.0	-0.5
KDAK	comp=Z,6.8nm,0.5s,baz=201,slow=4.2,SNR=14			LR	LR	10 51 32.3	
KDAK	comp=Z,993nm,18.0s,baz=224,slow=34						
KDAK	comp=Z,6.8nm,0.5s						
KDAK	Kodiak Island	85.58	19	P	P	10 15 24.5	-1.0
Q18K	Katmai Hardscr	85.61	17	P	P	10 15 24.4	-1.4
O16K	Kokwok River B	85.62	15	P	P	10 15 24.1	-1.5
N15K	Kwethluk River	85.65	14	P	P	10 15 24.9	-0.9
P17K	Kvichak River	85.69	16	P	P	10 15 24.9	-1.1
M14K	Bethel	85.77	13	P	P	10 15 25.6	-0.7
M14K	comp=Z,28nm,0.8s			IAMB	IAMB	10 15 47.8	-0.7
M14K	Bethel	85.77	13	P	P	10 15 25.3	-1.1
NVL	N'Zarevskaya	85.95	187	eP	sP	10 15 24.2	-3.2
NVL				eS	SKSac	10 25 45.4	-5.7
NVL	comp=Z,34nm,1.1s			pmax	pmax		
NVL				MLR	MLR		
M15K	Kasigluk River	85.99	14	P	P	10 15 25.8	-1.7
O17K	Koliganek Bris	86.03	16	P	P	10 15 26.7	-1.0
SNAK	Sanae	86.14	182	P	P	10 15 27.2	-1.2
SNAK	comp=Z,2.2m,19.0s			IAMS_20	IAMS_20	10 52 23.5	
SNAK	comp=Z,378nm,0.8s						
SNAK	comp=Z,36.0m,0.1s						
SNAK	Sanae	86.14	182	P	P	10 15 27.2	-1.2
SNAK	comp=Z,20nm,0.9s,baz=169,slow=3.6,SNR=60						
SNAK	comp=Z,20nm,0.9s						
L14K	Kuka Creek	86.15	13	IAMB	IAMB	10 15 49.2	
L14K	comp=Z,42nm,1.3s						
L14K	Kuka Creek	86.15	13	P	P	10 15 27.5	-0.7
SEY	Seymchan	86.15	352	LR	LR	10 48 42.6	
SEY	comp=Z,2.1m,21.1s,baz=152,slow=32						
SEY	Seymchan	86.15	352	eP	P	10 15 28.3	+0.1
SEY	comp=Z,42nm,1.0s			pmax	pmax		
P18K	Big Mountain	86.18	17	IAMB	IAMB	10 15 30.9	
P18K	comp=Z,19nm,0.8s						
P18K	Big Mountain	86.18	17	P	P	10 15 27.4	-1.2
Q19K	Cape Douglas	86.23	18	IAMS_20	IAMS_20	10 52 36.6	
Q19K	comp=Z,2.1m,19.0s						
Q19K	Cape Douglas	86.23	18	P	P	10 15 27.0	-1.7
N16K	Nishilik Lake	86.23	15	P	P	10 15 27.9	-0.8
K13K	Kusivak Mount	86.31	12	IAMS_20	IAMS_20	10 48 33.3	
K13K	comp=Z,2.1m,20.0s						
K13K	Kusivak Mount	86.31	12	P	P	10 15 28.1	-0.9
Q20K	Shuyak Island	86.32	18	P	P	10 15 27.2	-1.9
O18K	Koktuk Hills	86.58	17	P	P	10 15 29.2	-1.3
N17K	Nushagak Hills	86.66	15	IAMS_20	IAMS_20	10 52 03.8	
N17K	comp=Z,1.1m,19.0s						
N17K	Nushagak Hills	86.66	15	P	P	10 15 29.7	-1.1
SNCC	San Nicolas Is	86.67	52	IAMS_20	IAMS_20	10 46 17.8	
M16K	Timber Creek	86.67	14	IAMB	IAMB	10 15 53.1	
M16K	comp=Z,32nm,1.1s						
M16K	Timber Creek	86.67	14	P	P	10 15 29.9	-0.9
VNA3	Neumayer Olymp	86.69	180	↑P	P	10 15 29.5	-1.6
VNA3	comp=Z,38nm,0.8s						
VNA3	Ungalak Mounta	86.70	13	↑SKSac	SKSac	10 25 53.2	-2.7
L15K	baz=206					10 15 29.4	-1.6
MCCM	Marconi Confer	86.79	47	IAMS_20	IAMS_20	10 44 23.3	
P19K	Oil Pt	86.95	18	IAMS_20	IAMS_20	10 56 04.7	
P19K	comp=Z,2.1m,18.0s						
P19K	Oil Pt	86.95	18	P	P	10 15 30.9	-1.4
GAMB	Gambell	86.95	8	P	P	10 15 31.3	-0.8
VNA2	Neumayer-Watz	87.00	181	↑P	P	10 15 31.2	-1.4
VNA2	comp=Z,26nm,0.7s,baz=170,slow=4.6						
VNA2	comp=Z,0.0nm,0.1s,baz=57,slow=36						
HOPS	Hopland Field	87.10	46	IAMS_20	IAMS_20	10 53 07.6	
O19K	Port Alsworth	87.11	17	IAMB	IAMB	10 15 53.8	
O19K	comp=Z,18nm,0.9s						
O19K	Port Alsworth	87.11	17	P	P	10 15 30.9	-2.0
N18K	Kilae Creek	87.11	16	IAMS_20	IAMS_20	10 51 38.9	
N18K	comp=Z,2.1m,19.0s						
N18K	Kilae Creek	87.11	16	P	P	10 15 31.2	-1.9
KCPM	Cahto Peak	87.13	45	IAMS_20	IAMS_20	10 53 07.4	
L16K	Owhat River	87.17	14	P	P	10 15 31.5	-1.7
KMPM	Mount Pierce	87.17	44	IAMS_20	IAMS_20	10 50 09.3	
K15K	Wolf Creek Mou	87.25	13	IAMB	IAMB	10 15 54.8	
K15K	comp=Z,32nm,1.4s						
K15K	Wolf Creek Mou	87.25	13	P	P	10 15 32.5	-1.2
ILSW	Iliamna Southw	87.25	17	IAMB	IAMB	10 15 59.0	
ILSW	comp=Z,26nm,1.2s						
ILSW	comp=Z,2.1m,18.0s						
J14K	Nanvaranak Lak	87.27	12	IAMS_20	IAMS_20	10 49 42.6	
J14K	comp=Z,2.1m,20.0s						
J14K	Nanvaranak Lak	87.27	12	P	P	10 15 32.9	-0.8
VNA1	Neumayer-Stat	87.28	180	↑P	P	10 15 32.8	-1.1
KMRM	Mali Ridge	87.34	44	P	P	10 15 35.4	+0.7
KMRM	comp=Z,23nm,1.0s			IAMB	IAMB	10 15 46.0	
M17K	Holitna River	87.36	15	IAMB	IAMB	10 16 00.7	
M17K	comp=Z,17nm,1.1s						
M17K	comp=Z,2.1m,19.0s						
M17K	Holitna River	87.36	15	P	P	10 15 33.4	-0.8
HOM	Homer	87.41	18	P	P	10 15 33.1	-1.3

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CNPM	China Post	87.42	18	IAMB	IAMB	10 16 02.6	
CNPM	comp=Z,16nm,1.0s						
J00K	Jacoby Creek	87.45	44	IAMS_20	IAMS_20	10 50 36.5	
O20K	Slope Mountain	87.48	18	P	P	10 15 32.9	-1.9
BCW	Bitter Crk WRg	87.58	51	IAMS_20	IAMS_20	10 48 02.6	
N19K	Bonanza Creek	87.59	16	IAMS_20	IAMS_20	10 51 53.5	
N19K	comp=Z,2.1m,20.0s						
N19K	Bonanza Creek	87.59	16	P	P	10 15 33.3	-2.1
KRPM	Rodgers	87.63	43	IAMS_20	IAMS_20	10 50 31.4	
KHMM	Horse Mountain	87.67	44	P	P	10 15 36.3	-0.1
KHMM	comp=Z,19nm,1.1s			IAMB	IAMB	10 15 57.3	
KHMM	comp=Z,2.1m,18.0s						
BRSE	Bradley Lake S	87.74	19	P	P	10 15 34.7	-1.3
L17K	Donlin	87.80	14	P	P	10 15 35.7	-0.6
M18K	Stony River	87.83	15	P	P	10 15 35.2	-1.2
KRMB	Red Mountain	87.90	43	IAMB	IAMB	10 15 57.8	
O02D	Med. Diabolo Mer	87.91	45	P	P	10 15 38.1	+0.6
O02D	comp=Z,19nm,1.1s						
O02D	comp=Z,1.1m,20.0s						
KBO	Bosley Butte	88.07	43	IAMS_20	IAMS_20	10 47 15.9	
KSXB	Camp Six Broad	88.09	43	IAMB	IAMB	10 16 14.8	
KSXB	comp=Z,19nm,1.3s						
PASC	Padadena Art C	88.09	52	IAMS_20	IAMS_20	10 47 38.4	
CCX	Cleese	88.14	54	IAMS_20	IAMS_20	10 52 11.8	
TJX	Tijuana	88.14	54	IAMS_20	IAMS_20	10 51 23.9	
L18K	Grete Mounta	88.25	15	IAMS_20	IAMS_20	10 56 21.8	
L18K	comp=Z,2.1m,19.0s						
L18K	Granite Mounta	88.25	15	P	P	10 15 37.4	-1.0
K17K	Iditood	88.31	14	P	P	10 15 37.5	-1.2
J16K	Anvik River	88.33	13	IAMB	IAMB	10 16 01.1	
J16K	comp=Z,14nm,1.1s						
J16K	Anvik River	88.33	13	P	P	10 15 37.4	-1.3
ELS	Elsinore Mount	88.40	53	IAMS_20	IAMS_20	10 47 09.6	
SEW	Seward	88.42	19	P	P	10 15 37.5	-1.7
L02F	Cave Junction	88.43	43	IAMS_20	IAMS_20	10 47 17.6	
AFDM	Forest Hills D	88.48	47	IAMS_20	IAMS_20	10 53 36.3	
M19K	Big River Lodg	88.54	16	IAMS_20	IAMS_20	10 49 23.5	
M19K	comp=Z,2.1m,21.0s						
M19K	Big River Lodg	88.54	16	P	P	10 15 38.1	-1.7
VTX	Valle De La Tr	88.58	55	IAMS_20	IAMS_20	10 52 44.8	
ISA	Isabella, Lake	88.60	50	IAMB	IAMB	10 15 49.5	
ISA	comp=Z,20nm,1.4s						
ANM	Norme	88.62	10	IAMS_20	IAMS_20	10 49 24.3	
ANM	comp=Z,2.1m,20.0s						
ANM	Norme	88.62	10	P	P	10 15 38.9	-1.2
O22K	Cooper Landing	88.64	19	P	P	10 15 39.4	-0.8
L19K	White Mountain	88.66	16	IAMB	IAMB	10 16 00.6	
L19K	comp=Z,2.1m,20.0s						
L19K	White Mountain	88.66	16	P	P	10 15 39.6	-0.8
CCAC	Calif City Air	88.68	51	IAMS_20	IAMS_20	10 47 09.9	
K02D	Willamette Mer	88.68	42	IAMB	IAMB	10 17 51.5	
K02D	comp=Z,39nm,1.0s						
ESJX	Sierra Juarez	88.74	55	IAMS_20	IAMS_20	10 51 05.8	
J17K	VABM Dome	88.75	13	P	P	10 15 40.0	-0.7
J01E	Myrtle Point	88.77	42	IAMS_20	IAMS_20	10 47 29.2	
YBH	Yre Blue Hor	88.77	44	P	P	10 15 40.9	-0.6
YBH	comp=Z,3.0nm,0.8s,baz=225,slow=8.6,SNR=6.6			LR	LR	10 50 55.9	
M20K	Styx River	88.85	16	P	P	10 15 40.0	-1.3
Q23K	Middleton Isla	88.85	21	P	P	10 15 39.8	-1.5
I17K	Unalakleet	88.85	12	IAMS_20	IAMS_20	10 51 02.5	
I17K	comp=Z,1.1m,20.0s						
I17K	Unalakleet	88.85	12	P	P	10 15 40.2	-0.9
RMX	La Rumorosa	88.92	54	IAMS_20	IAMS_20	10 52 03.8	
LRDM	Redding Peak	88.93	45	IAMB	IAMB	10 16 04.9	
LRDM	comp=Z,12nm,0.9s						
FIS	Fire Island	89.03	18	IAMS_20	IAMS_20	10 54 32.0	
YUH	Yuha Desert	89.05	54	IAMS_20	IAMS_20	10 47 08.1	
CIT	Chita	89.07	329	eP	P	10 15 42.5	-0.1
CIT				e	pmax	10 15 49.1	
HUMO	Hull Mountain	89.08	43	I			

SCM	Sheep Creek Mo	90.42	19	P	P	10 15 46.9	-1.8
PIX	Pinacate	90.44	56	IAMS_20	IAMS_20	10 51 58.9	
H18K	Honhosa River	90.45	13	IAMS_20	IAMS_20	10 50 22.6	
H18K	Honhosa River	90.45	13	P	P	10 15 47.6	-1.0
WCT	Wildcat Moun	90.45	50	IAMS_20	IAMS_20	10 50 44.6	
BERG	Berg Lake	90.45	21	IAMS_20	IAMS_20	10 58 05.6	
F03A	Seaside	90.47	40	IAMS_20	IAMS_20	10 54 04.1	
J05D	Fort Rock, OR	90.51	43	IAMS_20	IAMS_20	10 49 35.5	
J20K	Nowinta River	90.53	15	IAMS_20	IAMS_20	10 54 16.0	
J20K	Nowinta River	90.53	15	P	P	10 15 48.4	-0.7
HOLB	Holberg	90.56	34	IAMS_20	IAMS_20	10 47 33.8	
KLU	Klutina	90.58	19	IAMB	IAMB	10 16 09.7	
KLU	Klutina	90.58	19	P	P	10 15 48.2	-1.2
SNH	Sunshine Point	90.58	21	IAMB	IAMB	10 15 52.1	
SNH	Sunshine Point	90.58	21	IAMS_20	IAMS_20	10 55 01.1	
BMRM	Bremner River	90.59	20	P	P	10 15 47.5	-2.0
BLVC	Blythe	90.60	54	IAMB	IAMB	10 16 20.6	
BLVC	Blythe	90.60	54	IAMS_20	IAMS_20	10 53 10.9	
H04A	Detroit Lake	90.64	41	IAMB	IAMB	10 16 13.9	
CHUM	Lake Minchum	90.72	16	P	P	10 15 48.6	-1.3
WXU	Waxell Ridge	90.78	21	IAMS_20	IAMS_20	10 55 07.2	
KTH	Kantishna Hill	90.81	16	IAMS_20	IAMS_20	10 53 46.5	
WAT1	Susitna Watana	90.86	18	P	P	10 15 48.7	-2.0
F04D	Rainier, OR	90.88	40	IAMS_20	IAMS_20	10 47 36.8	
MESA	Mesa	90.88	22	IAMS_20	IAMS_20	10 58 17.1	
WAT6	Susitna Watana	90.89	18	P	P	10 15 49.4	-1.6
CRQM	Cirque	90.91	21	IAMS_20	IAMS_20	10 57 33.0	
CRQE	Cirque	90.92	21	P	P	10 15 49.7	-1.5
PINE	Pine Mountain	90.95	42	IAMB	IAMB	10 16 15.6	
PINE	Pine Mountain	90.95	42	IAMS_20	IAMS_20	10 49 31.1	
C03A	Quillayute Air	90.97	38	IAMS_20	IAMS_20	10 53 34.2	
I20K	Naaghedeneel	90.97	14	P	P	10 15 49.9	-1.2
M24K	Tolsona, Glenn	90.98	19	IAMB	IAMB	10 16 11.4	
M24K	Tolsona, Glenn	90.98	19	P	P	10 15 49.9	-1.3
WISH	Wishkah	90.98	39	IAMS_20	IAMS_20	10 55 23.5	
I05D	Terrebonne, OR	90.98	42	IAMS_20	IAMS_20	10 48 19.9	
TGL	Tana Glacier	91.01	21	IAMB	IAMB	10 15 53.6	
TGL	Tana Glacier	91.01	21	IAMS_20	IAMS_20	10 57 35.4	
G18K	Tagagakw	91.04	12	IAMB	IAMB	10 16 01.8	
G18K	Tagagakw	91.04	12	IAMS_20	IAMS_20	10 52 30.4	
G18K	Tagagakw	91.04	12	P	P	10 15 50.4	-1.0
F17K	Baldwin Pennin	91.05	11	IAMB	IAMB	10 16 12.2	
F17K	Baldwin Pennin	91.05	11	P	P	10 15 50.4	-1.0
ISLE	Juniper Island	91.06	21	IAMB	IAMB	10 15 53.8	
ISLE	Juniper Island	91.06	21	IAMS_20	IAMS_20	10 55 16.7	
NLWA	Neilton Lookou	91.07	38	IAMS_20	IAMS_20	10 55 52.8	
N25K	Chitina, Valde	91.08	20	IAMB	IAMB	10 16 14.8	
N25K	Chitina, Valde	91.08	20	P	P	10 15 50.3	-1.5
CRAG	Craig	91.11	28	P	P	10 15 51.0	-0.9
F04A	Amboy	91.15	40	IAMS_20	IAMS_20	10 54 36.1	
VRD1	Verde Repeater	91.16	20	IAMB	IAMB	10 16 15.1	
H19K	Roundabout Mou	91.17	13	IAMB	IAMB	10 16 13.3	
H19K	Roundabout Mou	91.17	13	P	P	10 15 50.6	-1.3
GLB	Gilahina Butte	91.20	20	IAMB	IAMB	10 15 54.2	
SIT	Sitka	91.20	26	P	P	10 15 51.6	-0.7
BPAW	Bear Paw Mtn.	91.24	16	IAMS_20	IAMS_20	10 54 55.8	
BPAW	Bear Paw Mtn.	91.24	16	P	P	10 15 51.7	-0.7
RND	Reindeer	91.24	17	IAMS_20	IAMS_20	10 57 49.9	
HSIG	Highway	91.31	59	IAMS_20	IAMS_20	10 48 29.4	
TABL	Table Mountain	91.35	22	IAMB	IAMB	10 15 55.4	
TABL	Table Mountain	91.35	22	IAMS_20	IAMS_20	10 58 50.4	
DHY	Denali Highway	91.38	18	IAMB	IAMB	10 16 13.7	
DHY	Denali Highway	91.38	18	IAMS_20	IAMS_20	10 50 09.9	
DHY	Denali Highway	91.38	18	P	P	10 15 51.5	-1.8
PNM	Pinacate	91.41	22	P	P	10 15 51.5	-1.8
MCARA	McCarthy VSAT	91.41	20	IAMB	IAMB	10 56 13.8	
MCARA	McCarthy VSAT	91.41	20	P	P	10 15 51.4	-1.8
PNL	Peninsula	91.41	23	P	P	10 15 52.0	-1.3
S11K	Pelican	91.44	25	P	P	10 15 52.3	-1.1
S11K	Rachel	91.46	50	IAMB	IAMB	10 16 38.8	
S11A	Rachel	91.46	50	IAMS_20	IAMS_20	10 54 56.4	
BBB	Bella Bella	91.47	33	LR	LR	10 48 32.5	
MCK	McKinley	91.47	17	P	P	10 15 51.9	-1.6
F18K	Selawik	91.48	12	P	P	10 15 52.2	-1.2
H20K	Atnoteneega Mo	91.48	14	IAMB	IAMB	10 15 52.4	-1.1
HARP	HAARP	91.51	19	P	P	10 15 52.8	-0.8
U33K	Whale Pass	91.52	28	P	P	10 15 53.0	-0.8
E17K	Hotnam Inlet	91.53	11	P	P	10 15 52.7	-0.9
GNBP	Gancas Point	91.53	23	IAMS_20	IAMS_20	10 56 37.3	
CRNM	Grenville Isla	91.55	31	IAMS_20	IAMS_20	10 58 50.7	
G19K	Purcell Moun	91.57	13	IAMB	IAMB	10 16 14.4	
G19K	Purcell Moun	91.57	13	IAMS_20	IAMS_20	10 52 27.4	
G19K	Purcell Moun	91.57	13	P	P	10 15 52.9	-0.9
CTG	Chitna Glacier	91.66	21	P	P	10 15 52.9	-1.7

CTGM	Chitina Glacie	91.67	21	IAMB	IAMB	10 15 56.8	
W13A	Hualapai Mount	91.67	53	IAMS_20	IAMS_20	10 49 21.1	
BWN	Brown	91.69	16	IAMS_20	IAMS_20	10 54 45.0	
V35K	Ketchikan	91.69	29	P	P	10 15 53.7	-0.9
RUBB	Prince Rupert	91.70	30	IAMS_20	IAMS_20	10 50 41.6	
BMN	Battle Mountai	91.73	47	IAMB	IAMB	10 16 20.4	
BMN	Battle Mountai	91.73	47	IAMS_20	IAMS_20	10 56 15.2	
GNW	Green Mountain	91.76	39	IAMS_20	IAMS_20	10 47 55.2	
S12K	Killisnoo	91.78	26	P	P	10 15 53.7	-1.2
Y44K	Wickenburg	91.81	54	IAMS_20	IAMS_20	10 51 57.2	
COYC	Coyhaique	91.83	141	P	P	10 15 57.2	+1.5
COYC	Coyhaique	91.83	141	IAMB	IAMB	10 16 13.2	
PAXO	Paxson	91.85	19	P	P	10 15 53.6	-1.7
D17K	Noatak River	91.88	10	P	P	10 15 55.2	0.0
R11B	Troy Canyon, C	91.89	49	P	P	10 15 54.7	-1.6
O28M	Mount Upton	91.92	22	P	P	10 15 55.1	-0.9
LON	Longme	91.93	40	IAMS_20	IAMS_20	10 55 27.8	
R31K	City Hall, Gus	91.94	25	P	P	10 15 54.6	-1.0
PGC	Sidney	91.98	37	IAMS_20	IAMS_20	10 48 01.8	
I07A	Izee	92.00	43	IAMS_20	IAMS_20	10 50 06.8	
P29M	Windy Craggy	92.00	24	IAMB	IAMB	10 16 08.1	
P29M	Windy Craggy	92.00	24	IAMS_20	IAMS_20	10 49 53.7	
P29M	Windy Craggy	92.00	24	P	P	10 15 55.5	-0.5
GOMU	GeCrU	92.02	308	pP	pS	10 15 58.8	+1.6
GOMU	GeCrU	92.02	308	pmax	pmax	10 16 07.7	+1.0
GOMU	GeCrU	92.02	308	LR	LR		
GOMU	GeCrU	92.02	308	LR	LR		
GOMU	GeCrU	92.02	308	LR	LR		
T33K	Petersburg	92.04	27	P	P	10 15 54.9	-1.3
F19K	Shalercuk Mo	92.04	12	IAMB	IAMB	10 16 16.4	
F19K	Shalercuk Mo	92.04	12	IAMS_20	IAMS_20	10 52 59.7	
F19K	Shalercuk Mo	92.04	12	P	P	10 15 55.0	-1.0
LSA	Lhasa	92.04	301	P	P	10 15 58.8	+1.3
E18K	Tukpahlearik C	92.04	11	IAMS_20	IAMS_20	10 52 02.6	
E18K	Tukpahlearik C	92.04	11	P	P	10 15 55.1	-0.9
MLY	Manley	92.06	15	P	P	10 15 54.8	-1.5
C16K	Lisborne Hills	92.07	9	P	P	10 15 55.9	-0.2
H21K	Melozitna Rive	92.08	14	IAMS_20	IAMS_20	10 59 08.1	
H21K	Melozitna Rive	92.08	14	P	P	10 15 55.0	-1.3
NEA2	Nenana	92.13	16	P	P	10 15 55.2	-1.3
IMAR	Indian Mountai	92.14	14	P	P	10 15 55.8	-0.8
O29M	Mount Kennedy	92.15	23	IAMS_20	IAMS_20	10 50 29.8	
O29M	Mount Kennedy	92.15	23	P	P	10 15 55.4	-1.5
M26K	Nabesna, AK	92.18	20	IAMB	IAMB	10 15 58.9	
M26K	Nabesna, AK	92.18	20	P	P	10 15 55.4	-1.5
RD0G	Red Dog Mine	92.23	10	IAMS_20	IAMS_20	10 51 16.7	
RD0G	Red Dog Mine	92.23	10	P	P	10 15 55.6	-1.3
WRH	Wood River Hil	92.29	17	IAMS_20	IAMS_20	10 54 52.7	
J08A	Circle Bar Ran	92.30	44	IAMS_20	IAMS_20	10 53 21.9	
R32K	Red Dog Mine	92.33	26	IAMS_20	IAMS_20	10 51 07.8	
PLBC	Pleasant Camp	92.39	24	P	P	10 15 56.9	-0.8
K24K	Donnelly Dome	92.40	18	P	P	10 15 56.7	-1.1
YUK8	Steele Glacier	92.43	22	P	P	10 15 57.3	-1.0
I23K	Minto, Yukon-K	92.50	16	IAMS_20	IAMS_20	11 04 02.2	
I23K	Minto, Yukon-K	92.50	16	P	P	10 15 57.0	-1.1
M27K	Edge Creek, AK	92.50	20	IAMB	IAMB	10 16 18.6	
M27K	Edge Creek, AK	92.50	20	P	P	10 15 57.2	-1.3
CCB	Clear Creek Bu	92.50	17	IAMS_20	IAMS_20	10 50 07.4	
L26K	Log Cabin Wild	92.53	19	IAMB	IAMB	10 16 00.5	
L26K	Log Cabin Wild	92.53	19	IAMS_20	IAMS_20	10 58 05.4	
L26K	Log Cabin Wild	92.53	19	P	P	10 15 57.0	-1.4
YUK3	Moose Creek	92.54	21	P	P	10 15 58.0	-0.8
HDA	Harding Lake	92.55	17	IAMS_20	IAMS_20	10 51 29.6	
HDA	Harding Lake	92.55	17	P	P	10 15 58.3	-0.2
C17K	Delong Mountai	92.58	9	P	P	10 15 58.2	-0.3
H22K	Ishtaltna Cre	92.61	15	P	P	10 15 57.4	-1.3
P30M	Million Dollar	92.62	23	P	P	10 15 57.0	-2.0
RIDG	Independent Ri	92.62	18	IAMB	IAMB	10 16 19.0	
RIDG	Independent Ri	92.62	18	IAMS_20	IAMS_20	11 00 15.8	
RIDG	Independent Ri	92.62	18	P	P	10 15 56.7	-2.2
F20K	Avarart Lake	92.63	13	IAMB	IAMB	10 16 19.9	
F20K	Avarart Lake	92.63	13	IAMS_20	IAMS_20	10 53 20.4	
F20K	Avarart Lake	92.63	13	P	P	10 15 57.8	-0.9
MDM	Murphy Dome	92.64	16	IAMB	IAMB	10 16 18.3	
G21K	Allakaket	92.65	14	P	P	10 15 57.5	-1.3
COLA	College	92.67	17	P	P	10 15 57.1	-1.8
COLA	College	92.67	17	IAMS_20	IAMS_20	10 55 22.7	
COLA	College	92.67	17	P	P	10 15 58.2	-0.7
COLA	College	92.67	17	P	P	10 15 57.3	-1.6
COLA	College	92.67	17	P	P	10 15 57.1	-1.8
COLA	College	92.67	17	pmax	pmax		
YUK6	Outpost Mounta	92.67	22	P	P	10 15 57.9	-1.5
E19K	Redstone River	92.69	12	IAMS_20	IAMS_20	10 50 18.1	
E19K	Redstone River	92.69	12	P	P	10 15 57.5	-1.5
Q12A	Willow Creek R	92.73	49	IAMS_20	IAMS_20	10 54 32.0	
MXC	Moxie City	92.75	40	IAMS_20	IAMS_20	10 48 49.3	
SKAG	Skagway	92.79	25	IAMB	IAMB	10 16 21.1	

G24K	Hadwenzic Riv	94.21	16	P	P	10 16 04.3	-1.7
P33M	Teslin, Yukon	94.25	25	P	P	10 16 05.2	-1.3
L29M	L29M	94.25	21	P	P	10 16 05.7	-0.7
LL04	Puerto Octay	94.28	137	Iamb	Iamb	10 16 16.0	
DLBC	Dease Lake	94.28	27	P	P	10 16 05.8	-0.9
DLBC	Dease Lake	94.28	27	P	P	10 16 05.5	-1.1
I26K	Coal Creek Min	94.29	18	IAMS_20	IAMS_20	11 01 01.6	
I26K	Coal Creek Min	94.29	18	P	P	10 16 05.5	-0.9
H25L	Birch Creek	94.29	16	P	P	10 16 06.1	-0.3
F10A	Beach Ranch, E	94.32	42	IAMS_20	IAMS_20	10 50 04.1	
M30M	Minto, Yukon	94.34	22	Iamb	Iamb	10 16 09.1	
M30M	Minto, Yukon	94.34	22	P	P	10 16 05.6	-1.2
X18A	Snowflake	94.36	55	IAMS_20	IAMS_20	10 54 39.5	
E22K	Anaktuvuk Pass	94.36	13	IAMS_20	IAMS_20	10 52 36.5	
E22K	Anaktuvuk Pass	94.36	13	P	P	10 16 05.5	-1.3
R33M	Jennings River	94.47	26	P	P	10 16 05.9	-1.7
EGAK	Eagle	94.48	19	P	P	10 16 06.0	-1.3
DAWY	Dawson	94.51	20	Iamb	Iamb	10 16 28.0	
DAWY	Dawson	94.51	20	P	P	10 16 05.9	-1.7
G25K	Bearman Lake	94.60	16	P	P	10 16 06.1	-1.7
C21K	Knifeflade Rid	94.62	12	P	P	10 16 07.3	-0.6
FYU	Fort Yukon	94.67	16	IAMS_20	IAMS_20	10 57 02.9	
N32M	Quiet Lake	94.74	24	IAMS_20	IAMS_20	10 51 29.6	
N32M	Quiet Lake	94.74	24	P	P	10 16 06.7	-1.9
F24K	Squaw Lake	94.75	15	Iamb	Iamb	10 16 29.1	
F24K	Squaw Lake	94.75	15	P	P	10 16 07.1	-1.4
HPIG	Halley	94.77	63	IAMS_20	IAMS_20	10 52 45.1	
E23K	Chandalar	94.78	14	Iamb	Iamb	10 16 29.2	
E23K	Chandalar	94.78	14	P	P	10 16 06.9	-1.8
D22K	Aiykyak River	94.80	13	Iamb	Iamb	10 16 11.9	
D22K	Aiykyak River	94.80	13	P	P	10 16 07.3	-1.4
B20K	Meade River	94.93	11	IAMS_20	IAMS_20	10 54 08.8	
B20K	Meade River	94.93	11	P	P	10 16 08.0	-1.2
M31M	Drury Creek, Y	94.93	23	IAMS_20	IAMS_20	10 52 18.6	
M31M	Drury Creek, Y	94.93	23	P	P	10 16 07.4	-2.1
I27K	Kandik River	94.94	18	P	P	10 16 07.8	-1.7
K29M	Barlow Dome	94.96	21	P	P	10 16 08.1	-1.5
HLID	Halley	95.02	45	IAMS_20	IAMS_20	10 52 03.9	
B21K	Ikpikpuk River	95.05	12	Iamb	Iamb	10 16 38.6	
B21K	Ikpikpuk River	95.05	12	P	P	10 15 57.4	
B21K	Ikpikpuk River	95.05	12	P	P	10 16 09.1	-0.7
NLU	North Lily Min	95.05	49	IAMS_20	IAMS_20	10 53 52.2	
E24K	Your Creek	95.05	14	IAMS_20	IAMS_20	10 53 30.8	
E24K	Your Creek	95.05	14	P	P	10 16 08.9	-1.0
J29N	Klondike Camp	95.15	20	P	P	10 16 09.9	-0.6
HMU	Henry Mountain	95.16	51	IAMS_20	IAMS_20	10 56 49.4	
121A	Cookes Peak, D	95.22	57	IAMS_20	IAMS_20	10 51 40.6	
121A	Cookes Peak, D	95.22	57	P	P	10 16 09.8	-1.9
TOLK	Toolik Lake Re	95.26	14	Iamb	Iamb	10 16 32.9	
TOLK	Toolik Lake Re	95.26	14	P	P	10 16 09.5	-1.3
D23K	Nanushuk River	95.28	13	Iamb	Iamb	10 16 32.6	
D23K	Nanushuk River	95.28	13	P	P	10 16 09.9	-1.1
MOY	Mondy	95.30	324	eP	pmax	10 16 11.7	+0.2
I28M	Miner Creek	95.32	19	P	P	10 16 09.7	-1.6
FARO	Faro, Yukon	95.33	23	P	P	10 16 09.7	-1.6
HVU	Hansel Valley	95.34	47	IAMS_20	IAMS_20	10 57 29.6	
G26K	Porcupine River	95.34	16	P	P	10 16 10.1	-1.1
F25K	Christian River	95.35	16	P	P	10 16 11.1	-0.3
TMUT	Trail Mountain	95.39	50	IAMS_20	IAMS_20	10 55 24.2	
H27K	Steamboat Moun	95.42	18	P	P	10 16 10.6	-1.1
NEW	Newport	95.44	40	IAMS_20	IAMS_20	10 57 09.6	
NEW	Newport	95.44	40	LR	LR	10 55 51.3	
BMAR	Burnt Mountain	95.50	16	P	P	10 16 11.8	-0.1
PLCA	Paso Flores	95.53	138	P	P	10 16 14.3	+1.3
PLCA	Paso Flores	95.53	138	P	P	10 16 14.1	+1.0
PLCA	Paso Flores	95.53	138	LR	LR	10 49 23.7	
PLCA	Paso Flores	95.53	138	P	P	10 16 14.3	+1.3
PLCA	Paso Flores	95.53	138	pmax	pmax		
PLCA	Paso Flores	95.53	138	eP	P	10 16 13.6	+0.6
GO06	Curarrehue	95.62	137	Iamb	Iamb	10 16 26.5	
I29K	Ogllvie Camp	95.75	19	P	P	10 16 12.5	-0.6
F26M	Sheenjek River	95.81	16	IAMS_20	IAMS_20	10 57 49.9	
F26K	Sheenjek River	95.81	16	P	P	10 16 12.8	-0.5
G27K	Doyon Strip	95.81	17	IAMS_20	IAMS_20	10 52 59.1	
G27K	Doyon Strip	95.81	17	P	P	10 16 12.1	-1.3
ZAIG	Zacatecas	95.82	68	IAMS_20	IAMS_20	10 54 59.3	
D24K	Happy Valley	95.83	14	P	P	10 16 13.1	-0.3
J30M	Hart River	95.83	20	IAMS_20	IAMS_20	11 01 50.2	

J30M	Hart River	95.83	20	P	P	10 16 12.2	-1.5
B22K	Teshehpuk Lake	95.88	12	IAMS_20	IAMS_20	10 52 23.4	
B22K	Teshehpuk Lake	95.88	12	P	P	10 16 12.6	-0.9
MOIG	Morelia	95.88	71	IAMS_20	IAMS_20	10 52 56.1	
EPT	El Paso	95.93	58	IAMS_20	IAMS_20	10 52 59.5	
C23K	Ikilvik River	96.01	13	IAMS_20	IAMS_20	10 56 00.9	
C23K	Ikilvik River	96.01	13	P	P	10 16 13.1	-1.0
HWUT	Hardware Ranch	96.09	48	IAMS_20	IAMS_20	10 58 05.6	
A21K	Barrow	96.16	10	P	P	10 16 14.0	-0.8
A21K	Sinclair Lake	96.16	11	P	P	10 16 14.2	-0.6
BSUT	Blindstream Ca	96.21	49	IAMS_20	IAMS_20	10 55 16.8	
I30M	Mount Dempster	96.25	20	Iamb	Iamb	10 16 16.8	
I30M	Mount Dempster	96.25	20	P	P	10 16 14.3	-1.3
C24K	Franklin Bluff	96.31	13	P	P	10 16 14.3	-1.3
H29M	Whitestone	96.32	19	Iamb	Iamb	10 16 40.8	
H29M	Whitestone	96.32	19	P	P	10 16 14.4	-1.3
D25K	Kavik River	96.51	14	IAMS_20	IAMS_20	10 58 36.3	
D25K	Kavik River	96.51	14	P	P	10 16 15.2	-1.4
TOAD	Toad River Com	96.58	28	P	P	10 16 16.4	-0.6
MSO	Missoula	96.73	42	IAMS_20	IAMS_20	10 52 11.0	
TGTN	Hyld Airport	96.81	25	P	P	10 16 16.8	-1.3
E27K	Coleen River	96.82	16	Iamb	Iamb	10 16 46.7	
E27K	Coleen River	96.82	16	P	P	10 16 17.6	-0.3
F28M	Old Crow	96.87	17	Iamb	Iamb	10 16 38.3	
F28M	Old Crow	96.87	17	P	P	10 16 17.3	-0.9
AHD	Auburn Hatcher	96.88	47	IAMS_20	IAMS_20	10 59 13.3	
G29M	Pine Creek	96.90	18	Iamb	Iamb	10 16 20.4	
G29M	Pine Creek	96.90	18	P	P	10 16 17.1	-1.3
EPYK	Eagle Plains	96.92	19	Iamb	Iamb	10 16 20.4	
EPYK	Eagle Plains	96.92	19	P	P	10 16 16.7	-1.7
DLMT	Dillon	96.96	44	IAMS_20	IAMS_20	10 53 29.2	
ANMO	Albuquerque	97.17	55	LR	LR	10 51 36.0	
ANMO	Albuquerque	97.17	55	iP	Pdf	10 16 21.3	+0.7
TPAW	Teton Pass	97.27	46	IAMS_20	IAMS_20	10 57 50.6	
H31M	Peel River	97.28	20	P	P	10 16 18.8	-1.3
FXWY	Fox Creek	97.28	46	IAMS_20	IAMS_20	10 59 10.9	
REDW	Red Top Meadow	97.28	46	IAMS_20	IAMS_20	10 56 43.2	
TXAR	Lajitas Array	97.61	6	P	Pdf	10 16 21.6	+0.4
TXAR	Lajitas Array	97.61	6	PKPKP	PKPKP	10 20 56.9	+0.5
TXAR	Lajitas Array	97.61	6	PKPKPbc	PKPKPbc	10 32 59.8	-0.3
C26K	Camden Bay	97.30	14	P	P	10 16 18.5	-1.6
C27K	Jago River	97.36	15	IAMS_20	IAMS_20	10 55 04.8	
C27K	Jago River	97.36	15	P	P	10 16 18.8	-1.5
SNOW	Snow King Moun	97.39	46	IAMS_20	IAMS_20	10 57 30.8	
TLIG	Tiapa	97.44	74	IAMS_20	IAMS_20	10 50 46.7	
G30M	Adach River	97.47	19	P	P	10 16 19.1	-1.9
UNM	Universidad Na	97.53	72	IAMS_20	IAMS_20	10 50 38.9	
LOHW	Long Hollow	97.55	46	IAMS_20	IAMS_20	10 59 28.1	
YHB	Horse Butte	97.62	45	IAMS_20	IAMS_20	11 03 11.7	
E28M	Babbage River	97.66	16	P	P	10 16 20.4	-1.3
YHL	Hebgen Lake	97.67	45	IAMS_20	IAMS_20	10 57 21.0	
FLWY	Flagg Ranch	97.67	46	IAMS_20	IAMS_20	10 56 48.3	
BOZ	Bozeman (W)	97.68	44	IAMS_20	IAMS_20	10 54 11.2	
YFT	Old Faithful	97.73	45	IAMS_20	IAMS_20	11 04 10.8	
YMR	Madison River	97.73	45	IAMS_20	IAMS_20	11 02 01.8	
D27M	Malcolm River	97.74	16	Iamb	Iamb	10 16 48.1	
D27M	Malcolm River	97.74	16	P	P	10 15 12.1	
D27M	Malcolm River	97.74	16	P	P	10 16 20.1	-2.1
PDAR	Pinedale Array	97.92	47	P	P	10 16 23.4	-0.4
PDAR	Pinedale Array	97.92	47	PKPKP	PKPKP	10 20 57.5	+0.2
PDAR	Pinedale Array	97.92	47	LR	LR	10 52 53.3	
S22A	4UR Ranch, Cre	97.94	53	IAMS_20	IAMS_20	10 53 43.0	
S22A	4UR Ranch, Cre	97.94	53	P	P	10 16 22.8	-1.3
E29M	Blow River	97.95	17	P	P	10 16 21.4	-1.6
F30M	Barrier River	98.02	18	P	P	10 16 21.9	-1.4
G31M	Satah River	98.02	19	Iamb	Iamb	10 16 25.1	
G31M	Satah River	98.02	19	P	P	10 16 22.0	-1.2
L28W	Lake Umbagog	98.06	45	IAMS_20	IAMS_20	10 57 49.6	
DKWY	Stokes Point	98.37	16	P	P	10 16 23.9	-0.9
F31M	Tsilgitchic	98.51	19	P	P	10 16 24.9	-0.6
SDCO	Great Sand Dun	98.92	53	IAMS_20	IAMS_20	10 53 45.0	
INK	Inuvik	99.12	18	P	Pdf	10 16 27.4	-0.8
INK	Inuvik	99.12	18	PKPKP	PKPKP	10 20 58.2	0.0
INK	Inuvik	99.12	18	LR	LR	10 55 37.4	
N23A	Red Feather La	99.73	50	IAMS_20	IAMS_20	10 54 52.1	
EDM	Edmonton	99.76	36	IAMS_20	IAMS_20	10 56 14.4	
EGMT	Eagleton	99.82	42	IAMS_20	IAMS_20	10 57 08.6	
K22A	Casper	99.95	48	IAMS_20	IAMS_20	11 00 48.8	
WMQ	Urumqi	100.09	313	eP	Pdf	10 16 35.3	+2.0
WMQ	Urumqi	100.09	313	LR	LR		
WMQ	Urumqi	100.09	313	LR	LR		

833A	Chaparral WMA	100.45	64	IAMS_20	IAMS_20	10 55 12.8	
AMTX	Amarillo	100.81	57	IAMS_20	IAMS_20	10 58 03.7	
JCT	Junction City	100.84	62	IAMS_20	IAMS_20	10 53 25.8	
KSCO	Kaye Shedlock	101.47	53	IAMS_20	IAMS_20	10 55 10.6	
LAO	LASA Arroy	101.57	44	IAMS_20	IAMS_20	10 56 06.3	
735A	Kendy	101.95	64	IAMS_20	IAMS_20	10 56 56.3	
RSSD	Black Hills	102.16	47	IAMS_20	IAMS_20	10 59 25.2	
C36M	Paultuk	102.54	19	P	Pdf	10 16 42.3	-1.0
435B	Jarrell	102.74	62	IAMS_20	IAMS_20	10 54 25.3	
WMOK	Wichita Mounta	103.02	58	IAMS_20	IAMS_20	10 56 30.3	
FW03	Perrin-Whitt E						

Table with columns: BRG, Bergjesshubel, 146.09 333, ePKP2, PKPpdf, 10 22 26.8 +0.3, 10 25 52.0, etc.

Table with columns: TNS, Taunus Mts, 148.74 337, ePKPbc, PKPbc, 10 22 34.3 -0.5, 10 22 35.1 0.0, etc.

Table with columns: DBIC, EVO, Evora, 163.78 355, ePKPbc, PKPbc, 10 23 42.8 -0.8, 10 22 50.2 -0.7, etc.

Table with columns: AFAD 08 10:19:26.7±0.0, 38.37N:26.48E, h7km±1km, ML1.3, Aegean Sea, Code, Station Name, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FARO, AB31 Akbulak array, ABKAR Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MV0.9/21, ISHIKARI DEPRESSION, Hokkaido region.

IDC 08 10:39:29.3, 0.8, 22.31'S; 170.48'E, h0km, mb4.0/11, mbtmp4.0/12, ML3.5/1, Error ellipse: s-maj=26.8km s-min=23.2km az=92.0

NOU 08 10:39:30.5, 22.42'S; 170.29'E, h0km, MLV4.4/12, Southeast of Loyalty Islands

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

IDC 08 10:44:01.2, 1.0, 56.77'S; 147.27'E, h10km, 1km, mb4.8/33, Error ellipse: s-maj=18.5km s-min=6.2km az=111.0

GCMT 08 10:44:03.0, 2.0, 56.77'S; 147.37'E, h0.03, h13km, 1km, MW5.0/104, Moment Tensor Solution. s17, c19; s104, c157; Duration: 0 Moment tensor: Scale 10^16Nm; M1=-0.42±.17; M2=1.83±.13; M3=-1.42±.15; M4=0.01±.36; M5=0.42±.15; M6=-0.32±.37; Best double couple: M=5.4400x10^16 Np1=349.00000, s89.00000, lambda=0.00000. NP2=80.00000, 686.00000, lambda=179.00000. Principal axes: T = 7.430, P1g2=0.000, Azm35.0000; N = -0.4050, P1g36.000, Azm153.0000; P = 4.3440. P1g4.0000, Azm304.0000. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 08 10:44:01.6, 0.4, 56.79'S; 0.06:147.38'E, 0.09, h14km, m146, c131/114, mb4.7/25, MS4.2/24, 3C-10, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MCQ Macquarie Isla, AUTAR Tarona High S, TAU Tasmania Univ, etc.

KRSC 08 10:40:49.6, 1.9, 53.85'N; 168.75'E, h40km, 25km, ML3.9, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BKI Bering, BKI Bering, TUMD Tumrok D, etc.

TAP 08 10:42:17.1, 22.77'N; 120.99'E, h9km, 1km, ML1.3, 1C, B, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWG Pingang, TWG Pingang, TWG Beinan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TSMG, EDH Donghe, EDH, MASBT Mashbululo, etc.

IDC 08 10:43:58.8, 0.6, 56.77'S; 147.52'E, h0km, mb4.5/8, mbtmp4.4/9, ML3.4/1, MS4.2/25, Error ellipse: s-maj=27.0km s-min=18.5km az=85.0

NEIC 08 10:44:01.2, 1.0, 56.77'S; 147.27'E, h10km, 1km, mb4.8/33, Error ellipse: s-maj=18.5km s-min=6.2km az=111.0

GCMT 08 10:44:03.0, 2.0, 56.77'S; 147.37'E, h0.03, h13km, 1km, MW5.0/104, Moment Tensor Solution. s17, c19; s104, c157; Duration: 0 Moment tensor: Scale 10^16Nm; M1=-0.42±.17; M2=1.83±.13; M3=-1.42±.15; M4=0.01±.36; M5=0.42±.15; M6=-0.32±.37; Best double couple: M=5.4400x10^16 Np1=349.00000, s89.00000, lambda=0.00000. NP2=80.00000, 686.00000, lambda=179.00000. Principal axes: T = 7.430, P1g2=0.000, Azm35.0000; N = -0.4050, P1g36.000, Azm153.0000; P = 4.3440. P1g4.0000, Azm304.0000. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 08 10:44:01.6, 0.4, 56.79'S; 0.06:147.38'E, 0.09, h14km, m146, c131/114, mb4.7/25, MS4.2/24, 3C-10, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MCQ Macquarie Isla, AUTAR Tarona High S, TAU Tasmania Univ, etc.

IDC 08 10:44:01.6, 0.4, 56.79'S; 0.06:147.38'E, 0.09, h14km, m146, c131/114, mb4.7/25, MS4.2/24, 3C-10, West of Macquarie Island

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

KRSC 08 10:40:49.6, 1.9, 53.85'N; 168.75'E, h40km, 25km, ML3.9, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LCRK Leigh Creek, AULRC Lightning Ridg, etc.

TAP 08 10:42:17.1, 22.77'N; 120.99'E, h9km, 1km, ML1.3, 1C, B, Taiwan

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

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Malin Array Si, Fruska Gora, Yalta, etc.

SOME 08 11:00:20.1, 41.17N-83.27E, h5km
NNC 08 11:00:22.3, 1.6, 41.16N-83.14E, h0km, mb3.8, mpv3.5,
Error ellipse: s-maj=12.8km s-min=10.0km az=10.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Ketmen, Shalkode, Yzbulak, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Makanchi Array, MAZK, MAZV, etc.

IDC 08 11:23:36.8, 0.7, 22.30S-170.48E, h0km, mb4.2/13,
mbmp4.2/14, ML 4.2/1, MS3.97, Error ellipse:
s-maj=23.2km s-min=19.2km az=91.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Mare, Loyalty, Pines Island, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Neumayer-Watz, VNA1, NVAR, etc.

IDC 08 11:36:44.8, 0.9, 19.28N-95.62E, h0km, mb3.9/15,
mbmp3.8/16, ML3.4/1, MS3.6/1, Error ellipse:
s-maj=33.5km s-min=13.2km az=40.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Chiang Mai, CMAR, PHRA, etc.

MV2.3/14,NW OFF ISHIGAKIJIMA IS
ISC 08 13:29:15.1,1.2,241.13N,0.003,122.46E,0.02,h58km,7km,
n86,c1514/165,Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s ISC. Contains station data for EOSA, EOSA2, EOSA3, EOSA4, EOSA5, EOSA6, EOSA7, EOSA8, EOSA9, EOSA10, etc.

Table with columns: YULB, Yuli, 1.29 236 P, Pn, 13 29 36.6 -0.3. Contains station data for YULB, YULC, YULD, YULE, YULF, YULG, YULH, YULI, YULJ, YULK, YULM, YULN, YULO, YULP, YULQ, YULR, YULS, YULT, YULU, YULV, YULW, YULX, YULY, YULZ.

Table with columns: KOUNC, Koumac, New Ca, 5.89 287 P, Pn, 13 48 31.3 +1.0. Contains station data for KOUNC, VLAKA, NFK, SOME 08, KRNFT, NNC, etc.

NOU 08 13:47:01.7,22:39S,-170:30E,h0km,MLV4.4/13,
Southeast of Loyalty Islands,Southeast of Loyalty
Islands
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
MARNC Mare, Loyalty 2.29 293 P Pn 13 47 40.3 -0.5
PINNC Pines Island, 2.65 265 P Pn 13 47 45.6 -0.1
YATNC Mamie plateau, 3.18 275 P Pn 13 47 52.5 -0.5
LIFNC LIFUO 3.27 299 P Pn 13 47 53.6 -0.6
DZM Mont Dumac 3.59 274 P Pn 13 47 58.7 0.0
NOUC Port Laguerre 3.71 274 P Pn 13 48 00.0 0.0
RTV Rentapao 4.90 339 P Pn 13 48 15.8 -0.9
DVP Devils Point 5.05 336 P Pn 13 48 18.5 -0.2

Table with columns: PDGK, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CHKK Chushkaly, CHKK 14nm,0.5s, CHKK 13nm,0.3s, etc.

Table with columns: RES, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like comp=Z,0.6nm,0.3s,baz=18,slow=11,SNR=6.8, comp=Z,321nm,18.5s,baz=18,slow=37, etc.

Table with columns: EGAK, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Eagle, IL31, ILAR Eielson Array, etc.

BJI 08 13:51:40.0,0.0,86.10N,31.40E,h10km,mb4.6/33, m5.0/5,Mis4,4/8,M57,4/1/10

IDC 08 13:51:40.6,0.5,86.07N,32.00E,h0km,mb4.2/23, mbmp4.2/26,ML4.3/3,MS3.8/62,Error ellipse: s-maj=13.2km s-min=11.4km az=77.0

GCMT 08 13:51:41.9,0.3,85.93N,0.02,28.8E,0.4,h12km, MW4.8/90,Moment Tensor Solution. s16,c18; s90,c124; Duration: 0 Moment tensor: Scale 10^16Nm; Mir-1.33s.05; Mw0.89±.04; Mw0.44±.05; Mw0.78±.18; Mw0.71±.04; Mw1.1±.25; Best double couple: Mo1.900000,1016 NP1.9±200.00000,660.00000,1-42.00000, Principal axes: T1=4360,Plg7.0000, Azm316.0000, N 0.9300, Plg33.0000, Azm221.0000, P -2.3650, Plg56.0000, Azm57.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment tensor function

NEIC 08 13:51:41.9,1.3,85.96N,0.07,31E, h10km,1km, mb4.5/177 Error ellipse: s-maj=16.9km s-min=12.0km az=84.0

FCIAR 08 13:51:45.0,85.89N,31.68E,h10km,station ZF12 has station magnitude of 3.90 station OMEGA has station magnitude of 4.00

ISC 08 13:51:40.9,0.9,85.96N,0.04,31.29E,0.05,h2km,5km, m300,1.875/257,mb4.5/124,MS3.8/63,2C-30,North of Svalbard

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like ZF12 Zemlya Franca, ZF12 73nm,1.1s, ZF12 OMEGA Omega, etc.

Table with columns: Station Name, Az, El, Phase, ID, Time, Res. Includes stations like NC204 NORARS Array S, NC204 25.11 204, NC204 13:57 23.8, etc.

Table with columns: Station Name, Az, El, Phase, ID, Time, Res. Includes stations like AKASG comp=Z,1.1nm,0.6s,baz=1.3,slow=3.1,SNR=5.0, AKASG 14 06 44.1, etc.

IDC 08 14:12:34.9.0.7, 22.41S, 170.43E, h0km, mb4.3/12, mbtmp4.2/14, ML4.4/2, MS3.8/1, Error ellipse: s-maj=21.3km s-min=19.3km az=126.0
 NOU 08 14:12:36.3, 22.42S, 170.27E, h0km, MLV4.7/12, Southeast of Loyalty Islands
 NEIC 08 14:12:37.9.2.0, 22.55S, 0.1x170.27E, 0.08, h10km, 1km, mb4.6/19, Error ellipse: s-maj=17.7km s-min=11.7km az=163.0
 ISC 08 14:12:40.1.0.5, 22.40S, 0.07x170.33E, 0.07, h33km, n77, r=1500/70, mb4.5/23, MS3.8/1, 5C, Southeast of Loyalty Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	h m s	ISC
MARNC	Mare, Loyalty	2.32 293	P	Pn	Pn	14 13 14.5	-1.5	
PINNC	Pines Island,	2.67 265	P	Pn	Pn	14 13 19.8	-1.0	
PINNC	Pines Island,	2.67 265	P	Pn	Pn	14 13 19.9	-0.9	
YATNC	Mamie plateau,	3.20 275	P	Pn	Pn	14 13 26.6	-1.5	
LIFNC	LIFOU	3.30 299	P	Pn	Pn	14 13 28.1	-1.3	
LIFNC	LIFOU	3.30 299	P	Pn	Pn	14 13 28.3	-1.1	
DZM	Mont Dzumac	3.61 275	P	Pn	Pn	14 13 33.0	-0.8	
DZM	Mont Dzumac	3.61 275	Pn	Pn	Pn	14 13 32.7	-1.1	
DZM	13m, 0.3s, baz=117, slow=11, SNR=214							
DZM	17m, 0.3s, baz=158, slow=20, SNR=8.6							
NOUC	Port Laguerre	4.72 374	P	Pn	Pn	14 13 34.8	-0.7	
RTV	Rentapa	4.92 338	P	Pn	Pn	14 13 52.3	+0.5	
DVP	Devils Point	5.07 336	P	Pn	Pn	14 13 53.8	0.0	
KOUNC	Koumac, New Ca	5.92 287	P	Pn	Pn	14 14 05.5	0.0	
KOUNC	Koumac, New Ca	5.92 287	P	Pn	Pn	14 14 05.5	+0.1	
VLAKA	Lakatoro	6.84 336	P	Pn	Pn	14 14 16.8	-1.5	
NFK	Norfolk Island	6.95 198	P	Pn	Pn	14 14 18.9	-0.9	
MSVFN	Nonsavu	8.62 59	P	Pn	Pn	14 14 45.7	+3.0	
MSVFN	Nonsavu	8.62 59	Pn	Pn	Pn	14 14 40.3	-2.4	
URZ	Urewera	16.84 161	LR	LR	LR	14 21 57.5		
MRZ	Mangatainoka R	18.74 167	P	Iamb	Iamb	14 16 55.6	-0.5	
MRZ	13m, 0.3s, baz=177, slow=14, SNR=21					14 17 10.2		
FOZ	Fox Glacier	21.08 181	P	Iamb	Iamb	14 17 21.6	+0.1	
FOZ	comp=Z, 1.8m, 1.1s							
RPZ	Rata Peaks	21.26 179	LR	LR	LR	14 22 56.6		
CTA	Charters Tower	22.55 271	LR	LR	LR	14 26 15.6		
CTA	Charters Tower	22.55 271	Iamb	Iamb	Iamb	14 17 39.4	+1.8	
CTAO	Charters Tower	22.55 271	Iamb	Iamb	Iamb	14 18 21.9		
CAN	Canberra	22.62 231	P	P	P	14 17 40.7	+2.5	
STKA	Stephens Creek	27.18 244	P	P	P	14 18 20.6	-0.1	
STKA	Stephens Creek	27.18 244	P	P	P	14 18 21.6	+0.8	
STKA	4.2m, 0.8s, baz=99, slow=14, SNR=6.6							
RAR	Rarotonga	27.77 93	LR	LR	LR	14 29 37.2		
WR0	Warrungarra Arr	33.41 267	P	Iamb	Iamb	14 19 14.9	-1.1	
WR0	Warrungarra Arr	33.41 267	P	Iamb	Iamb	14 19 38.5		
WR0	comp=Z, 6.9m, 1.2s							
AS31	Alice Springs	33.48 261	P	P	P	14 19 16.2	-0.4	
ASAR	Alice Springs	33.49 261	P	P	P	14 19 16.7	+0.1	
ASAR	Alice Springs	33.49 261	P	P	P	14 19 16.7	+0.1	
ASAR	comp=Z, 2.7m, 0.8s, baz=84, slow=8.9, SNR=27					14 33 12.7		
WB2	Warrungarra Arr	33.59 267	P	Iamb	Iamb	14 19 16.9	-0.5	
WB2	Warrungarra Arr	33.59 267	P	Iamb	Iamb	14 19 39.5		
WB2	comp=Z, 8.5m, 1.4s							
WRA	Warrungarra Arr	33.60 267	P	P	P	14 19 17.1	-0.4	
WRA	Warrungarra Arr	33.60 267	P	P	P	14 19 16.8	-0.8	
WRA	comp=Z, 1.9m, 0.9s, baz=98, slow=8.6, SNR=9.6							
FITZ	Fitzroy Creek	42.03 267	P	P	P	14 20 28.7	-0.1	
MBWA	Marble Bar	46.82 262	Iamb	Iamb	Iamb	14 21 07.4	+0.3	
MBWA	Marble Bar	46.82 262	Iamb	Iamb	Iamb	14 21 08.0		
NWAO	Narrogin (SRO)	47.75 245	LR	LR	LR	14 40 57.3		
MORW	Morawa	49.00 250	P	Iamb	Iamb	14 21 24.3	+0.4	
MORW	Morawa	49.00 250	P	Iamb	Iamb	14 21 44.2		
MJAR	Matsushiro Arr	66.01 332	P	P	P	14 23 22.9	-0.5	
MJAR	comp=Z, 3.6m, 0.9s, baz=164, slow=7.1, SNR=6.6							
JNU	Nakatsu	66.82 325	P	P	P	14 23 28.7	0.0	
JSD	Sado	67.25 333	P	P	P	14 23 31.2	0.0	
QSPA	South Pole Qui	67.67 180	P	Iamb	Iamb	14 23 34.1	+0.3	
QSPA	South Pole Qui	67.67 180	P	Iamb	Iamb	14 23 38.9		
QSPA	South Pole Qui	67.67 180	P	Iamb	Iamb	14 23 39.1	+0.1	
QSPA	comp=Z, 3.9m, 1.0s, baz=49, slow=2.3, SNR=8.6					14 20 26.0		
ASAJ	Asahikawa	70.91 339	LR	LR	LR	14 49 25.1		
ASAJ	Asahikawa	70.91 339	LR	LR	LR	14 49 25.1		
ASAJ	comp=Z, 5.4m, 1.9s, baz=126, slow=3.4, SNR=4.6							
KSR5	Korea Array	71.68 326	P	P	P	14 23 59.5	+1.0	
KSR5	comp=Z, 2.1m, 0.8s, baz=158, slow=5.8, SNR=7.1							
SHEM	Shemya Is, Ala	74.58 2	LR	LR	LR	14 41 23.8		
MAW	Mawson	75.90 202	P	P	P	14 24 23.5	+0.6	
MAW	comp=Z, 2.0m, 0.7s, baz=119, slow=7.8, SNR=7.5					14 45 13.6		
PETK	Petrovlovsk	75.99 352	LR	LR	LR	14 51 56.0		
PETK	comp=Z, 6.5m, 1.9s, baz=125, slow=5.1							
BELA	Belgrano 2	78.87 175	P	Iamb	Iamb	14 24 39.1	-0.4	
BELA	Belgrano 2	78.87 175	P	Iamb	Iamb	14 24 39.8		
CMAR	Chiang Mai Arr	80.72 294	P	P	P	14 24 52.1	+1.6	
CMAR	Chiang Mai Arr	80.72 294	P	P	P	14 24 52.6	+2.1	
CMAR	comp=Z, 2.2m, 0.8s, baz=140, slow=4.3, SNR=13							
CHTO	Chiang Mai	80.89 295	P	Iamb	Iamb	14 24 52.6	+1.2	
CHTO	Chiang Mai	80.89 295	P	Iamb	Iamb	14 24 54.6		
TROLL	Troll, Antarti	85.46 184	IP	P	P	14 25 13.9	-0.4	
N15K	Kwethluk River	85.75 14	P	P	P	14 25 16.3	+0.9	
SNA4	Sanae	86.06 182	P	Iamb	Iamb	14 25 17.6	-0.5	
SNA4	Sanae	86.06 182	IP	P	P	14 25 16.3	-0.8	
SNA4	comp=Z, 6.9m, 0.8s							
SNA4	comp=Z, 3.6m, 0.9s, baz=151, slow=3.3, SNR=12					14 25 16.5	-0.7	
VNA3	Neumayer Obsv	86.61 180	IP	P	P	14 25 19.2	-0.6	
VNA3	Neumayer-Watz	86.91 181	IP	P	P	14 25 20.2	-1.1	
VNA1	Neumayer-Stat	87.20 180	IP	P	P	14 25 21.1	-1.5	
NVAR	Nina Arner Berg	90.14 48	P	P	P	14 25 37.3	+0.1	
NVAR	comp=Z, 0.3m, 0.6s, baz=236, slow=6.4, SNR=2.6							
ILAR	Eielson Array	92.94 17	P	P	P	14 25 48.0	-1.4	
ILAR	comp=Z, 0.3m, 0.6s, baz=232, slow=5.9, SNR=4.4							
BDF5	Brasilia	126.71 132	PKP	PKP	PKP	14 31 40.2	-1.0	
BDF5	comp=Z, 1.6m, 0.4s, baz=287, slow=2.3, SNR=2.3							
ARCS5	ARCCESS Array B	128.37 345	PKP	PKP	PKP	14 31 41.8	-0.8	
ARCS5	comp=Z, 1.1m, 0.9s, baz=96, slow=4.1, SNR=4.6							
AKASG	Malin Array Be	138.63 323	PKP	PKP	PKP	14 32 01.8	-0.8	
EKA	Eskdalemuir Ar	146.76 353	PKP	PKP	PKP	14 32 18.0	-0.4	
EKA	comp=Z, 0.3m, 0.6s, baz=220, slow=2.2, SNR=15							
GERES	GERESS Array B	147.74 331	PKP	PKP	PKP	14 32 22.0	+0.6	
GERES	comp=Z, 1.2m, 0.6s, baz=58, slow=3.8, SNR=7.2							
KBA	Koelnbreinsper	149.18 329	PKP	PKP	PKP	14 32 26.9	+0.4	
KBA	comp=Z, 2.8m, 0.9s							
LESA	Schweizerlot	149.24 330	PKP	PKP	PKP	14 32 25.8	+0.5	
MYKA	Terra Mystica	149.34 328	PKP	PKP	PKP	14 32 26.4	-0.4	
MYKA	comp=Z, 1.7m, 0.5s							

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	h m s	ISC
ABTA	Abfaltersbach	149.81 329	PKP	PKP	PKP	14 32 27.4	-0.3	
ABTA	comp=Z, 5.3m, 1.1s							
WTTA	Wattenberg	149.84 330	PKP	PKP	PKP	14 32 28.2	+0.3	
WTTA	comp=Z, 9.0m, 1.6s							
MOTA	Moostal	150.02 331	PKP	PKP	PKP	14 32 28.0	-0.3	
MOTA	comp=Z, 3.8m, 1.0s							
RETA	Reutte	150.07 332	PKP	PKP	PKP	14 32 28.6	+0.4	
RETA	comp=Z, 4.8m, 1.2s							
SQTA	Sankt Quirin	150.07 331	PKP	PKP	PKP	14 32 28.2	-0.1	
SQTA	comp=Z, 6.6m, 1.1s							
FETA	Feichten	150.44 331	PKP	PKPbc	PKPbc	14 32 28.5	+0.1	
FETA	comp=Z, 3.5m, 1.0s							
DAVA	Damuels	150.60 332	PKP	PKP	PKP	14 32 29.6	+0.1	
DAVA	comp=Z, 3.9m, 0.9s							

IDC 08 14:29:56.6.0.8, 8.23S, 116.84E, h0km, mb3.9/11, mbtmp4.0/12, ML4.1/1, MS2.6/1, Error ellipse: s-maj=23.3km s-min=16.0km az=75.0
 NEIC 08 14:29:58.7.2.0, 8.26S, 0.1x116.81E, 0.07, h10km, 1km, mb4.5/12, Error ellipse: s-maj=16.1km s-min=11.4km az=351.0
 DJA 08 14:29:58.2.0.3, 8.54S, 111.76E, h10km, M4.3/13, mb4.0/1, mb5.0/1, MLV4.4/13, MS1.8/12, 5/1
 ISC 08 14:29:57.9.0.8, 8.22S, 0.06x116.81E, 0.04, h10km, n47, r=1509/48, mb4.1/1, Sumbawa region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	h m s	ISC
KLNI	Mataram	0.74 254	P	Pn	Pn	14 30 12.5	+0.3	
PLAI	Plampang	1.12 122	P	Pn	Pn	14 30 20.4	+0.6	
PLAI	Singaraja	1.59 275	S	Pn	Pn	14 30 46.8	0.0	
SRBI	SRI	2.65 264	P	Pn	Pn	14 30 39.9	-0.8	
JAGI	Jajag, Banyuw	2.65 264	P	Pn	Pn	14 30 39.9	-0.8	
JAGI	Jajag, Banyuw	2.65 264	P	Pn	Pn	14 30 49.9	+0.5	
WBSI	Waikabubak, Su	2.91 119	P	Pn	Pn	14 30 58.1	-1.0	
MKS	Makassar	3.98 42	P	Pn	Pn	14 31 01.4	-0.6	
BSSI	Sau Bau, Buton	4.19 61	P	Pn	Pn	14 31 03.7	+1.4	
BASI	Baeng, Sumba	4.21 118	P	Pn	Pn	14 31 02.7	-1.0	
KAPI	Kappang	4.32 43	Pn	Pn	Pn	14 31 03.5	-0.3	
KAPI	Kappang	4.32 43	Pn	Pn	Pn	14 31 03.5	-0.3	
KAPI	10m, 0.3s, baz=177, slow=14, SNR=2.7							
KAPI	13m, 0.3s, baz=61, slow=22, SNR=6.1					14 32 12.2		
KAPI	comp=Z, 8.6m, 2.1s, baz=186, slow=36							
KAPI	Kappang	4.32 43	P	Pn	Pn	14 31 02.8	-1.0	
BKSI	Bulukumba	4.87 49	P	Pn	Pn	14 31 03.9	-0.5	
EDFI	Ede, Flores	4.35 99	P	Pn	Pn	14 31 12.0	+0.8	
PWJI	Pagerwojo	4.96 272	P	Pn	Pn	14 31 13.1	+0.5	
BNSI	Bone	5.01 41	P	Pn	Pn	14 31 13.9	+0.6	
SJI	Sawahun	5.02 275	P	Pn	Pn	14 31 14.8	+1.3	
MMRI	Maumere	5.38 95	Pn	Pn	Pn	14 31 21.8	+3.4	
MTKI	Muara Tewe, K	7.48 345	P	Pn	Pn	14 31 46.4	-0.8	
MBWA	Marble Bar	13.17 168	P	Pn	Pn	14 33 04.5	-0.6	
PSAO	Pilsara Seismi	13.59 168	P	Pn	Pn	14 33 09.6	-1.2	
KNRA	Kunurra	13.83 123	Pn	Pn	Pn	14 33 14.2	0.0	
GIRL	Giralila	14.55 190	Pn	Pn	Pn	14 33 22.8	-1.3	
MTN	Manant Man	14.81 109	Pn	Pn	Pn	14 33		

8d 14h

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550

PULU	Pululahuha	5.37	35	Pn	14 40 16.6 +0.1
PULU	Pululahuha	5.37	35	P	14 40 16.7 +0.2
PAC1	Pacto, Paraso	5.42	31	P	14 40 16.4 -0.5
PAC1	348nm,0.6s,5um			S	
PAC1	348nm,0.6s,5um			S	14 41 19.1 -0.4
PAC1	Pacto, Paraso	5.42	31	P	14 40 17.4 +0.5
OTAV	Otavalo	5.57	34	P	14 40 19.9 +0.5
OTAV	Otavalo	5.57	34	P	14 40 19.8 +0.5
OTAV	392nm,1.1s,3um6um			S	
OTAV	392nm,1.1s,3um6um			S	14 41 25.4 +1.6
OTAV	Otavalo	5.57	34	P	14 40 19.9 +0.5
OTAV	Otavalo	5.57	34	P	14 40 18.5 -0.9
OTAV	Otavalo	5.57	34	eP	14 40 22.6 +1.9
CUSW	Cuicocha Oeste	5.67	34	P	14 40 22.6 +1.9
CUIC	Cuicocha-Domo	5.68	34	P	14 40 21.8 +1.1
ANGU	Angreal	5.68	39	P	14 40 22.1 +1.1
COTA	Cotacachi	5.72	34	P	14 40 22.5 +1.1
IMBA	Imbabura, San	5.75	36	P	14 40 23.4 +1.6
URCU	Urcu	5.85	34	P	14 40 23.9 +0.7
RVRD	Rio Verde	5.87	22	P	14 40 23.1 +0.1
SNLR	San Lorenzo-Es	6.29	26	P	14 40 29.8 +1.0
BONI	La Bonita	6.30	40	P	14 40 30.0 +0.9
BONI	152nm,1.0s,2um8um			S	
BONI	152nm,1.0s,2um8um			S	14 41 47.2 +5.9
BONI	La Bonita	6.30	40	P	14 40 30.5 +1.3
CHLI	Volcñ Chiles	6.31	35	P	14 40 30.8 +1.2
CHL2	Volcñ Chiles	6.34	35	P	14 40 29.4 -0.5
TULM	Tulcan-Chalpat	6.34	36	P	14 40 29.9 -0.1
CMBC	Cumbal	6.50	35	P	14 40 41.7 -7.8
CMBC	Cumbal	6.50	35	S	14 41 55.7 -9.0
TUMC	Tumaco	6.82	25	P	14 40 36.4 +0.3
TUMC	521nm,1.0s,7um14um			S	
TUMC	521nm,1.0s,7um14um			S	14 41 55.4 +1.5
TUMC	Tumaco	6.82	25	P	14 40 35.8 -0.3
GCUF	Volcan Galeras	7.01	37	P	14 40 41.8 +2.4
GCUF	172nm,1.1s,3um			S	
GCUF	172nm,1.1s,3um			S	14 42 20.5 -1.8
CRUC	La Cruz	7.52	38	P	14 40 53.3 +7.2
CRUC	La Cruz	7.52	38	S	14 42 22.6 +1.1
BBAC	Balboa, Cauca	7.72	34	P	14 40 49.5 +0.9
BBAC	209nm,1.0s,2um3um			S	
BBAC	209nm,1.0s,2um3um			S	14 42 17.2 +1.0
BBAC	Balboa, Cauca	7.72	34	P	14 40 48.1 -0.5
GRIC	Gorgona, Isla	8.12	25	P	14 40 51.3 -2.6
GRIC	Gorgona, Isla	8.12	25	S	14 42 24.5 +1.3
PTLC	Puerto Leguiza	8.15	56	P	14 40 52.7 -1.7
PTLC	288nm,0.9s,2um			S	
PTLC	288nm,0.9s,2um			S	14 43 15.8 -1.8
FLOC	Florencia	8.39	45	P	14 40 57.4 -0.3
FLOC	121nm,1.2s,1um3um			S	
FLOC	121nm,1.2s,1um3um			S	14 43 48.5 +2.3
POPC	Popayan, Colom	8.46	35	P	14 41 00.8 +1.9
POPC	65nm,1.0s,733nm			P	
NNA	Nana	8.84	148	P	14 41 04.1 +0.3
NNA	Nana	8.84	148	P	14 41 05.5 +1.7
NNA	2.1nm,0.3s,baz=308,slow=9.4,SNR=0.2			S	
NNA	2.1nm,0.3s,baz=236,slow=17,SNR=0.8			S	14 42 39.4 -4.3
NNA	comp=Z,8um,18.3s,baz=312,slow=43,28nm,0.6s			LR	14 45 19.7
NNA	Nana	8.84	148	P	14 41 05.0 +1.1
GARC	Garzon, Huila	8.94	43	P	14 41 05.7 +0.3
GARC	52nm,0.9s,33nm			P	
JAMC	Jamundi, Valle	9.02	33	P	14 41 06.7 +0.2
JAMC	57nm,0.9s			P	
MALC	Bahia Malaga	9.38	27	P	14 41 11.6 +0.3
CZSB	Cruzeiro do Su	9.39	111	P	14 41 11.8 +0.4
CZSB	Cruzeiro do Su	9.39	111	P	14 41 13.1 +1.7
CZSB	716nm,1.0s,7um4um			eS	
CZSB	Cruzeiro do Su	9.39	111	eP	14 41 12.1 +0.7
CZSB	Cruzeiro do Su	9.39	111	eS	14 42 55.8 -1.4
PAYG	Puerto Ayora	9.48	293	Pn	14 41 13.4 +0.8
PAYG	Puerto Ayora	9.48	293	P	14 41 13.5 +0.8
PAYG	65nm,1.1s			P	
YOTC	Yotoco, Valle	9.84	32	P	14 41 15.4 -2.3
YOTC	32nm,0.8s			P	
MACC	Macarena, Meta	10.10	50	P	14 41 21.6 +0.5
MACC	68nm,0.9s,33nm			P	
ORCC	Ortega, Tolima	10.40	37	P	14 41 26.6 +1.3
ORCC	61nm,1.0s,822nm			P	
URMC	La Uribe, Meta	10.46	43	P	14 41 26.6 +0.4
URMC	64nm,0.9s,1um			P	
BRAC	Prado	10.48	40	P	14 41 31.2 +4.9
PLMC	Plan de San Jos	10.66	30	P	14 41 33.3 +4.4
ANIL	Santa Ana	10.78	35	P	14 41 34.3 +3.6
TBTG	Tabatinga, AM	11.61	89	P	14 41 41.7 -0.1
TBTG	Tabatinga, AM	11.61	89	P	14 41 42.6 +0.7
TBTG	688nm,1.0s,6um4um			eP	
TBTG	Tabatinga, AM	11.61	89	eP	14 41 41.9 -0.0
TBTG	Tabatinga, AM	11.61	89	eS	14 43 50.4 -1.3
CBOC	Ciudad Bolivar	11.62	28	P	14 41 41.4 -0.7
CBOC	60nm,1.1s			P	
ROSC	El Rosal	11.70	38	Pn	14 41 43.1 -0.3
ROSC	El Rosal	11.70	38	P	14 41 46.9 +3.5
ROSC	4.3nm,0.3s,baz=222,slow=16,SNR=0.5			LR	
ROSC	comp=Z,12um,18.8s,baz=215,slow=42,9.3nm,0.3s			LR	14 47 08.6
CACAO	El Cacao, Vera	11.71	3	P	14 41 47.4 +4.2
CHIC	Chingaza	11.91	41	P	14 41 53.3 +6.9
NORC	Norcasia	11.96	34	P	14 41 51.4 +4.8
PTAC	Punta Piedra	12.09	18	P	14 41 52.1 -3.7
GMAL	Guarumal, Vera	12.11	2	P	14 41 52.1 +3.4
GMAL	69nm,1.6s,5um			P	
HELZ	Santa Helena	12.14	30	P	14 41 54.8 +5.4
AZU	Azuero	12.20	6	P	14 41 54.4 +4.5
SPBC	San Pablo de B	12.49	37	P	14 41 56.9 +2.9
SPBC	17nm,1.1s,1um			P	
DBBC	Dabeiba	12.56	25	P	14 41 58.9 +4.1
PTGC	Puerto Gaitan,	12.73	48	P	14 42 04.3 +7.2
PTBC	PUERTO BERRIO,	12.93	33	P	14 42 01.0 +0.2
PTBC	26nm,1.1s			P	
BRUZ	Volcan	13.18	355	Pn	14 42 03.8 +0.4
APAC	Apartado, Choc	13.21	22	P	14 42 08.3 +4.6
RUSC	La Rusia	13.29	40	P	14 42 08.3 +3.1
UREC	San Jos de Ur	13.51	26	P	14 42 11.0 +3.2
UREC	41nm,1.2s,1um			P	
ZARC	Zaragoza, Cauc	13.60	29	P	14 42 11.4 +2.4
ZARC	88nm,1.1s,1um			P	
BCIP	Isla Barro Col	13.61	7	Pn	14 42 09.8 -0.2
BCIP	Isla Barro Col	13.61	7	P	14 42 10.3 +1.1
BCIP	99nm,1.8s,2um			P	
BCIP	Isla Barro Col	13.61	7	P	14 42 08.9 -0.2
CAPC	Capurgana	13.63	18	P	14 42 10.5 +1.0
CAPC	94nm,1.3s,982nm			P	
BARC	Barichara	13.77	37	P	14 42 14.5 +2.9
LC1B	Los cordales,	14.17	21	P	14 42 19.1 +3.2
LCR2	La Lucha 2	14.29	350	Pn	14 42 19.5 +0.9
TAMC	Tame, Arauca	14.54	42	P	14 42 30.5 +1.9
HDC	Heredia	14.56	350	Pn	14 42 23.7 +1.4
HDC	Heredia	14.56	350	eP	14 42 24.6 +2.3
PAMC	Pampolona, Colo	14.63	37	P	14 42 32.6 +2.3
JTS	Las Juntas de	14.81	347	Pn	14 42 38.8 +0.2
JTS	Las Juntas de	15.01	347	P	14 42 31.8 -1.9
JTS	0.7nm,0.3s,baz=160,slow=5.5,SNR=11			LR	14 46 50.5
JTS	comp=Z,5um,19.6s,baz=168,slow=31,29nm,1.0s			LR	
JTS	Las Juntas de	15.01	347	P	14 42 32.2 -1.5
QCAC	Ocana	15.03	33	P	14 42 32.6 -1.5
SOCE	Pocosol	15.03	348	P	14 42 27.7 -0.8
SJCC	San Jacinto, C	15.58	24	P	14 42 36.0 +0.1
SJCC	133nm,1.0s,2um			P	
ARGC	Arguani, Magd	15.95	27	P	14 42 43.5 -0.7
ARGC	104nm,1.2s,2um2um			P	
ETMB	Extrema	16.13	110	P	14 42 40.2 -2.7
ETMB	Extrema	16.13	110	eP	14 42 40.9 +3.2
ACON	Acopaya	16.68	348	P	14 42 49.5 -0.5
ACON	Acopaya	16.68	348	P	14 42 52.2 -0.1
ACON	16.68	348	P	P	
ACON	82nm,1.3s,2um			P	
ESPN	Las Esperanzas	16.74	351	P	14 42 51.7 +1.1
TEFE	Tefe	16.90	98	eP	14 42 59.3 +2.3
SMRC	Santa Marta, M	17.12	25	P	14 42 59.3 +2.2
SDV	Santo Domingo	17.13	39	P	14 42 56.8 -0.6

SDV	Santo Domingo	17.13	39	P	14 42 58.9 +1.5
SDV	3.2nm,0.3s,baz=212,slow=10,SNR=188			LR	
SDV	comp=Z,6um,21.1s,baz=220,slow=41			LR	14 50 38.9
SDV	Santo Domingo	17.13	39	P	14 42 58.1 +0.6
SDV	526nm,1.2s,2um			P	
SDV	Santo Domingo	17.13	39	eP	14 42 55.9 +0.1
BOAB	BOACO BROADBAN	17.26	346	Pn	14 42 57.7 +0.5
CNGN	Cerro Negro	17.58	343	P	14 43 00.4 -0.8
CNGN	Cerro Negro	17.58	343	P	14 43 04.1 +1.3
CRUC	Correjon Guaj	17.61	29	P	14 43 00.5 -1.1
CRUC	132nm,1.3s,2um			P	
PB18	Visiviri	17.63	139	P	14 43 04.4 +1.0
LPAZ	La Paz	17.68	133	P	14 43 04.1 +1.0
LPAZ	La Paz	17.68	133	P	14 43 05.1 +1.0
LPAZ	0.5nm,0.3s,baz=318,slow=11,SNR=49			P	
LPAZ	La Paz	17.68	133	P	14 43 04.1 +0.1
LPVZ	La Paz	17.69	133	eP	14 43 03.2 +1.7
LPVZ	Isla de Provid	17.69	133	P	14 43 01.7 -0.8
LPVZ	68nm,1.3s,2um			P	
URIC	Uribe, Colombia	18.63	31	P	14 43 12.4 -1.4
SAML	Samuel	18.79	105	P	14 43 12.4 -3.2
SAML	Samuel	18.79	105	P	14 43 12.4 -3.2
SAML	comp=Z,309nm,1.2s			pmax	
SAML	Samuel	18.79	105	eP	14 43 13.9 -1.7
BAUV	El Baul	18.92	45	P	14 43 16.3 -0.7
BAUV	comp=Z,144nm,1.0s			Iamb	14 43 25.4
TGUH	Teeguigalpa,Un	19.22	343	P	14 43 19.7 -0.7
TA02	Huachuque	19.28	146	P	14 43 21.5 +0.6
GO01	Chusmiza	19.36	143	P	14 43 22.7 +0.4
GO01	comp=Z,161nm,1.3s			Iamb	14 43 28.4
HMBC	Humberston	19.42	145	P	14 43 22.8 +0.2
TA01	Diego Aracena	19.49	146	P	14 43 24.9 +0.5
TA01	comp=Z,101nm,1.0s			P	
MT03	IPOC Station P	20.24			

LL04	Puerto Octay	37.24 169	I	Amb	I	Amb	14 46 09.8
NHSC	New Hope	37.35 2	P	P	P	P	14 46 07.6 -1.0
RCLB	Rio Claro- Sao	37.46 122	eP	P	P	P	14 46 10.1 +0.1
PLCA	Paso Flores	37.48 166	I	Amb	I	Amb	14 46 10.4 +0.6
PLCA	comp=Z,37nm,1.1s						14 46 12.4
PLCA	Paso Flores	37.48 166	P	P	P	P	14 46 11.1 +1.3
PLCA	comp=Z,20nm,1.0s,baz=342,slow=11,SNR=34						PcP
PLCA	comp=Z,4.9nm,0.9s,baz=350,slow=2.9,SNR=3.7						PcP
PLCA	comp=Z,20nm,1.0s						14 48 30.0 +1.7
PLCA	Paso Flores	37.48 166	eP	P	P	P	14 46 10.9 +1.1
146A	GOGA	37.54 350	P	P	P	P	14 46 10.2 -0.1
GOGA	GOGA	37.67 357	P	P	P	P	14 46 10.5 -0.5
GOGA	GOGA	37.67 357	P	P	P	P	14 46 10.9 -0.5
PLTB	comp=Z,21nm,1.0s						pmx
PLTB	Pedras Altas	37.78 139	eP	P	P	P	14 46 13.1 +0.7
PLTB	Pedras Altas	37.78 139	eP	P	P	P	14 46 13.5 +1.1
HND0	Hondo	37.80 334	P	P	P	P	14 46 12.8 +0.2
HND0	comp=Z,30nm,0.9s						14 46 22.3
Z47A	Carrollton	37.93 351	P	I	Amb	I	14 46 13.4 -0.1
Z47A	comp=Z,30nm,0.8s						14 46 15.7
TRQA	Tornquist	37.94 155	P	P	P	P	14 46 14.0 +0.3
TRQA	comp=Z,35nm,1.2s						14 46 15.5
TRQA	Tornquist	37.94 155	P	P	P	P	14 46 14.0 +0.3
TRQA	comp=Z,35nm,1.3s						pmx
SPB	Sao Paulo	38.02 123	P	I	Amb	I	14 46 14.3 -0.3
SPB	comp=Z,36nm,1.2s						14 46 16.1
SPB	Sao Paulo	38.02 123	eP	P	P	P	14 46 14.7 +0.1
NATX	Nacogdoches	38.09 342	I	Amb	I	Amb	14 46 14.7 -0.3
NATX	comp=Z,34nm,0.9s						14 46 36.1
JANB	Januarja	38.13 109	eP	P	P	P	14 46 16.1 +0.4
Y52A	Lilburn	38.16 357	P	P	P	P	14 46 14.6 -0.9
VAO	Valinhos	38.17 122	P	I	Amb	I	14 46 15.8 -0.2
VAO	comp=Z,47nm,1.5s						14 46 17.4
VAO	Valinhos	38.17 122	eP	P	P	P	14 46 16.1 +0.1
CNLB	Canela	38.18 134	eP	P	P	P	14 46 16.4 +0.4
435B	Jarrell	38.22 337	I	Amb	I	Amb	14 46 30.1
435B	comp=Z,63nm,1.3s						14 46 30.1
435B	Jarrell	38.22 337	P	P	P	P	14 46 16.7 +0.6
DRI0	Del Rio	38.31 333	P	I	Amb	I	14 46 16.9 0.0
DRI0	comp=Z,38nm,1.0s						14 46 26.6
Y49A	Blount Mountain	38.35 353	P	P	P	P	14 46 16.2 -1.0
PET01	Ilanham-SP	38.45 124	eP	P	P	P	14 46 18.3 +0.1
HODGE	Hodges	38.45 359	P	P	P	P	14 46 17.5 -0.5
JSC	Jenkinsville	38.50 0	I	Amb	I	Amb	14 46 19.7
JSC	comp=Z,40nm,1.2s						14 46 19.7
Z37A	Washetta, Mont	38.68 340	P	I	Amb	I	14 46 19.3 -0.6
Z37A	comp=Z,68nm,1.1s						14 46 35.5
JCT	Junction City	38.85 334	P	I	Amb	I	14 46 22.3 +0.8
JCT	comp=Z,61nm,1.4s						14 46 35.5
JCT	Junction City	38.85 334	P	P	P	P	14 46 22.3 +0.8
JCT	comp=Z,61nm,1.4s						pmx
BIRD	Birdtown, Kers	38.88 1	P	P	P	P	14 46 21.6 0.0
FPAL	Fort Payne	38.95 355	P	P	P	P	14 46 21.5 -0.5
PAULI	Pauline	39.04 360	P	P	P	P	14 46 22.4 -0.6
BRDY	Brady	39.22 336	P	P	P	P	14 46 24.9 +0.3
BLG3	Lake Jocassee	39.23 358	I	Amb	I	Amb	14 46 26.1
SB5	Sierra La Lagu	39.33 317	P	I	Amb	I	14 46 27.2 +1.6
SB5	comp=Z,38nm,0.9s						14 46 39.2
KM5C	Kings Mountain	39.36 0	I	Amb	I	Amb	14 46 26.9
KM5C	comp=Z,51nm,1.0s						14 46 27.1
W52A	Murphy	39.37 357	I	Amb	I	Amb	14 46 25.2 -0.7
W52A	comp=Z,50nm,1.4s						14 46 26.8
W57A	Gilead	39.40 2	P	I	Amb	I	14 46 26.1 -0.1
W57A	comp=Z,42nm,1.0s						14 46 29.1
OXF	Oxford	39.43 350	P	I	Amb	I	14 46 26.1 -0.1
OXF	comp=Z,62nm,1.1s						14 46 29.1
OXF	Oxford	39.43 350	P	P	P	P	14 46 26.1 -0.1
OXF	comp=Z,62nm,1.1s						pmx
WLAR	White Oak Lake	39.45 345	P	P	P	P	14 46 26.8 +0.4
DIAM	Diamantina, MG	39.50 113	eP	P	P	P	14 46 27.9 +0.6
FW14	Alvarado	39.52 339	P	I	Amb	I	14 46 27.1 +0.1
FW14	comp=Z,61nm,1.1s						14 46 46.2
LL02	Futaleuf	39.55 169	P	I	Amb	I	14 46 26.9 -0.2
LL02	comp=Z,41nm,1.2s						14 46 29.2
FW13	Cleburn	39.57 339	P	P	P	P	14 46 27.7 +0.3
PLAL	Pickwick Lake	39.68 352	P	P	P	P	14 46 27.5 -0.7
TXAR	Lajitas Array	39.72 329	P	P	P	P	14 46 28.9 0.0
TXAR	Lajitas Array	39.72 329	P	P	P	P	14 46 30.3 +1.5
TXAR	comp=Z,2.4nm,0.8s,baz=153,slow=8.4,SNR=4.1						PcP
TXAR	comp=Z,1.5nm,0.8s,baz=153,slow=8.4,SNR=4.9						PcP
CPCT	Cooper Cave	39.76 356	I	Amb	I	Amb	14 46 30.3
TKL	Tuckaleechee C	39.93 357	P	I	Amb	I	14 46 29.6 -0.8
TKL	comp=Z,38nm,1.0s						14 46 31.4
TKL	Tuckaleechee C	39.93 357	P	P	P	P	14 46 30.5 +0.1
TKL	comp=Z,30nm,1.0s,baz=161,slow=9.1,SNR=13						LR
TKL	comp=Z,1.1um,19.0s,baz=180,slow=35						15 02 24.9
FW07	Weatherford	40.01 338	I	Amb	I	Amb	14 46 52.2
FW07	comp=Z,50nm,1.2s						14 46 52.2
V55A	Taylorville	40.07 0	P	P	P	P	14 46 30.7 -0.8
V58A	Windsy Hill, Pi	40.07 3	I	Amb	I	Amb	14 46 32.5
FW06	Azle	40.17 339	P	I	Amb	I	14 46 32.9 +0.5
FW06	comp=Z,48nm,1.1s						14 46 53.7
V48A	Smith Brothers	40.26 353	P	P	P	P	14 46 32.8 -0.2
UALR	University of	40.30 346	I	Amb	I	Amb	14 46 51.0
UALR	comp=Z,12nm,1.8s						14 46 51.0
PLPT	Palo Pinto	40.31 338	P	I	Amb	I	14 46 34.4 +0.8
PLPT	comp=Z,35nm,0.9s						14 46 55.0
Z35A	Perchaven, San	40.39 340	I	Amb	I	Amb	14 46 56.1
Z35A	comp=Z,50nm,1.1s						14 46 56.1
FW06	Perrin-Whitt E	40.42 338	P	P	P	P	14 46 34.7 +0.2
ALPN	Alpine	40.55 330	I	Amb	I	Amb	14 46 35.8 +0.1
ALPN	comp=Z,80nm,1.8s						14 46 50.6
CLTN	Cedars of Leba	40.55 354	P	I	Amb	I	14 46 35.1 -0.4
CLTN	comp=Z,78nm,2.0s						14 46 50.6
U56A	King	40.58 1	I	Amb	I	Amb	14 46 37.1
ABTX	Abilene, Hawle	40.65 336	I	Amb	I	Amb	14 46 38.9
SGCY	Sterling City	40.66 334	P	I	Amb	I	14 46 35.9 -0.7
SGCY	comp=Z,40nm,1.0s						14 46 51.8
WWT	Waverly	40.77 352	P	P	P	P	14 46 36.5 -0.8
WWT	comp=Z,18nm,1.0s						14 46 51.8
WWT	Waverly	40.77 352	P	P	P	P	14 46 36.5 -0.8
WWT	comp=Z,18nm,1.0s						pmx
WHAR	Woody Hollow	40.77 347	I	Amb	I	Amb	14 46 54.1
WHAR	comp=Z,69nm,1.3s						14 46 54.1
TZTN	Tazewell	40.80 358	I	Amb	I	Amb	14 46 41.8
TZTN	comp=Z,42nm,1.1s						14 46 54.5
MHNH	Monahans	40.92 332	P	I	Amb	I	14 46 39.4 +0.7
MHNH	comp=Z,46nm,1.2s						14 46 54.5
LOOK	Love County	40.96 340	I	Amb	I	Amb	14 47 00.4
LOOK	comp=Z,80nm,1.2s						14 46 54.5
WTF5	Witchita Falls	41.21 338	P	I	Amb	I	14 46 41.2 +0.2
WTF5	comp=Z,40nm,0.9s						14 47 02.0
T57A	Hurt	41.27 3	I	Amb	I	Amb	14 46 42.3
T57A	comp=Z,39nm,0.8s						14 46 42.3
FCAR	Ozark Folk Ce	41.31 347	I	Amb	I	Amb	14 46 43.8
FCAR	comp=Z,54nm,1.0s						14 46 43.8

T59A	Double "B" Far	41.35 5	P	P	P	P	14 46 41.6 -0.5
SN05	Snyder S	41.38 335	I	Amb	I	Amb	14 46 55.3
BLA	Blacksburg	41.44 1	I	Amb	I	Amb	14 47 03.0
BLA	comp=Z,30nm,1.0s						14 46 55.3
ODSA	Odessa	41.47 333	P	I	Amb	I	14 46 43.2 -0.1
ODSA	comp=Z,49nm,1.0s						14 46 58.5
VHRN	Van Horn	41.56 329	P	I	Amb	I	14 46 44.6 +0.5
VHRN	comp=Z,60nm,1.3s						14 46 59.7
X34A	Smith Ranch, M	41.74 340	I	Amb	I	Amb	14 47 06.9
X34A	comp=Z,63nm,1.1s						14 47 06.9
POST	Post	41.81 335	I	Amb	I	Amb	14 47 07.3
POST	comp=Z,27nm,0.9s						14 47 07.3
NBPB	Pedra Branca-C	41.82 93	eP	P	P	P	14 46 45.5 -0.8
PBMO	Poplar Bluff	41.82 349	P	I	Amb	I	14 46 45.4 -0.5
PBMO	comp=Z,46nm,1.0s						14 46 47.6
SS1A	Beattyville	41.89 358	P	I	Amb	I	14 46 45.8 -0.7
SS1A	comp=Z,37nm,0.9s						14 46 47.3
SS4A	Dingess, Beckl	42.01 0	P	P	P	P	14 46 47.1 -0.5
SS4A	comp=Z,41nm,0.9s						14 46 48.5
DKNS	Dickens	42.08 336	P	I	Amb	I	14 46 49.0 +0.8
DKNS	comp=Z,28nm,0.8s						14 46 57.5
FNO	Franklin	42.19 341	P	P	P	P	14 46 48.9 -0.1
T42A	Van Buren	42.19 349	P	P	P	P	14 46 49.0 +0.1
TUL3	Leonard	42.29 343	P	P	P	P	14 46 49.7 0.0
RLO	Rose Lookout	42.30 344	I	Amb	I	Amb	14 47 09.0
R58B	Merical	42.31 4	I	Amb	I	Amb	14 46 51.2
R58B	comp=Z,12nm,1.1s						14 46 51.2
GDU01	Gaundao, BA	42.41 105	eP	P	P	P	14 46 52.7 +1.5
DEOK	Depew	42.44 342	I	Amb	I	Amb	14 47 04.9
S44A	Carbo, Custler	42.51 351	I	Amb	I	Amb	14 46 52.9
S44A	comp=Z,53nm,1.2s						14 46 52.9
SIUC	Southern Illin	42.53 351	I	Amb	I	Amb	14 46 52.9
SIUC	comp=Z,66nm,1.0s						14 46 52.9
MGMO	Mountain Grove	42.56 347	P	P	P	P	14 46 52.2 +0.3
MGMO	University of	42.56 353	I	Amb	I	Amb	14 46 52.6
R49A	Shelbyville	42.63 356	I	Amb	I	Amb	14 46 53.0
R49A	comp=Z,44nm,0.8s						14 46 53.0
OK031	S. Brethren Rd	42.65 342	P	I	Amb	I	14 46 52.0 -0.7
OK031	comp=Z,64nm,1.2s						14 47 06.6
NAN01	Guarapari, ES	42.66 112	eP	P	P	P	14 46 53.1 +0.1
WCI	Wyandotte Cave	42.67 354	P	P	P	P	14 46 52.0 -0.8
WCI	Wyandotte Cave	42.67 354	P	P	P	P	14 46 52.0 -0.8
WCI	comp=Z,28nm,1.0s						pmx
OK052	Battle Ridge R	42.67 342	I	Amb	I	Amb	14 47 06.8
OK052	comp=Z,57nm,1.1s						14 47 06.8
CM029	Liberty Lake	42.70 341	P	P	P	P	14 46 53.4 +0.2
CM029	comp=Z,31nm,0.9s						14 46 54.8 +1.1
CAM01	Camacan, BA	42.73 108	eP	P	P	P	14 46 54.2 +0.3
RIB01	Linhares ES	42.77 114					

Table with columns: Redw, Red Top Meadow, 54.43 334, P, P, 14 48 24.0 +0.4, etc. Includes rows like SNOW, ELK, LHV, NVAR, TPWA, RKT, RYN, RYR, FLWY, YFT, LAO, YNE, YERR, YHB, PNTR, ULM, EMB, PAHR, MPK, HLID, DGMT, BOZ, DMLT, ORV, WVOR, LRDM, EGM, BPMT, TAOE, MSO, BMO, I07A, YBH, Y04, JCC, J05D, G08A, K02D, DBO, G06A, J01E, NEW, E07A, BUCK, HOOD, MXC, LTY, B08A, EDM, NLWA, FCC, SMAI, BBTS, PPT, PPT2, PPT2.

Table with columns: TBI, Tubuai, 67.98 247, eS, S, 14 58 54.0 -1.3, etc. Includes rows like FRB, BBB, MACI, PMOZ, YKA, TOAB, V35K, KOTAN, LIRD, T35M, CRAG, U33K, DLBC, DLBC, S34M, WTLY, WRGLY, R33M, SFJD, Q32M, Q32M, TGNT, S32K, SIT, R32K, P32M, P32M, P33M, P33M, S31K, R31K, SKAG, N32M, PLBC, WHY, FARO, DBIC, DBIC, DBIC, BELA, RAR, O30N, O30N, P30M, P29M, P29M, M31M, M31M, N31M, N31M, N30M, N30M, PNL, YUK6, M30M, M30M, YUKA, PINM, PFVI, O28M, MORF, MORF, MORF, MORF, PTEO, YUK8, M29M, M29M, RES, PNCL, LOGN, L29M, MESJ, MESJ, MESJ, J30M, H31M, K29M, K29M, PBDV, PCVE.

Table with columns: CTG, Chitna Glacier, 79.76 335, P, P, 14 51 04.3 +0.2, etc. Includes rows like YUK3, PVAQ, PVAQ, PVAQ, PMTG, PBEJ, EVO, PCAS, ISLE, VNA3, I30M, I30M, I30M, I30M, PVIS, PGAV, PGAV, KAIM, KAIM, PBAR, M27K, M27K, PMRV, PMRV, MCARA, MCARA, MCARA, VNA2, PCBR, HMT, MTE, MTE, MTE, I29M, I29M, EPYK, PVRL, RAGM, INK, INK, INK, INK, BCAR, L27K, G30M, M26K, M26K, BMRM, F30M, A36M, H29M, H29M, Q23K, MVO, I28M, I28M, N25K, MDT, EYAK, K27K, K27K, EGAK, G29M, G29M, L26K, L26K, SUMG, SUMG, SUMG, PBRG, BORG, KLU, HARP, I27K, SCRA, SNA, SNA, SNA, E29M, J26L, J26L, J26L, M24K, M24K.

H27K	Steambot Moun	82.41	339	P	P	14 51 17.5	-0.5
PAX	Paxon	82.41	336	P	P	14 51 17.5	-0.6
RIDG	Independent R1	82.49	336	P	P	14 51 17.3	-1.2
RIDG	comp-Z,20nm,1.0s			Iamb	Iamb	14 51 20.4	
RIDG	Independent R1	82.49	336	P	P	14 51 18.4	-0.1
F28M	Old Crow	82.54	341	P	P	14 51 18.5	-0.2
I26K	Coal Creek Min	82.55	338	P	P	14 51 18.4	-0.4
SCM	Sheep Creek Mo	82.72	334	Iamb	Iamb	14 51 21.1	
SCM	Sheep Creek Mo	82.72	334	P	P	14 51 19.5	-0.3
G27K	Doyon Strip	82.74	340	P	P	14 51 19.5	-0.2
PWL	Port Wells	82.79	333	P	P	14 51 19.6	-0.5
M23K	Glacier View	82.88	334	P	P	14 51 20.2	-0.4
K24K	Donnelly Dome	82.89	336	P	P	14 51 20.3	-0.4
E28M	Babbage River	82.95	342	Iamb	Iamb	14 51 33.0	
E28M	comp-Z,18nm,1.4s			P	P	14 51 20.1	-0.7
PAB	San Pablo	82.99	49	P	P	14 51 22.5	+0.8
PAB	comp-Z,19nm,1.3s			Iamb	Iamb	14 51 26.2	
PAB	San Pablo	82.99	49	P	P	14 51 22.5	+0.8
SEW	Seward	83.02	332	P	P	14 51 20.8	-0.5
KNK	Knik Glacier	83.06	334	Iamb	Iamb	14 51 35.1	
KNK	comp-Z,24nm,1.4s			P	P	14 51 21.0	-0.5
J25K	Salcha River	83.08	337	Iamb	Iamb	14 51 22.8	
J25K	Salcha River	83.08	337	P	P	14 51 21.2	-0.4
D28M	Stokes Point	83.10	343	P	P	14 51 21.9	+0.4
SML	Sawmill	83.15	334	Iamb	Iamb	14 51 23.1	
SML	Sawmill	83.15	334	P	P	14 51 21.5	-0.5
WAT6	Susitna Watana	83.20	335	P	P	14 51 21.7	-0.7
DHY	Denali Highway	83.24	335	P	P	14 51 22.3	-0.3
O22K	Cooper Landing	83.28	332	P	P	14 51 23.2	+0.6
ESDC	Sonsec Array	83.30	49	P	Iamb	14 51 22.9	-0.4
ESDC	Sonsec Array	83.30	49	P	P	14 51 24.6	+1.3
ESDC	comp-Z,16nm,1.1s,baz=275,slow=4.8,SNR=50			LR	LR	15 25 40.3	
ESBB	Sonsec Array	83.30	49	Iamb	Iamb	14 51 26.0	
E27K	Coleen River	83.40	341	Iamb	Iamb	14 51 24.3	
E27K	Coleen River	83.40	341	P	P	14 51 22.9	-0.3
PMR	Palmer	83.42	334	P	P	14 51 23.2	-0.1
BRSE	Bradley Lake S	83.50	332	P	P	14 51 23.6	-0.2
RC01	Rabbit Creek A	83.51	333	P	P	14 51 23.2	-0.6
PRP	Porcupine Dome	83.53	338	P	P	14 51 23.2	-0.8
G26K	Porcupine Rive	83.54	339	P	P	14 51 23.7	-0.1
BRLK	Bradley Lake	83.57	332	Iamb	Iamb	14 51 25.3	
HDA	Harding Lake	83.61	337	P	P	14 51 23.6	-0.7
WAT1	Susitna Watana	83.64	335	P	P	14 51 24.1	-0.4
D27M	Malcolm River	83.73	342	Iamb	Iamb	14 51 26.2	
D27M	Malcolm River	83.73	342	P	P	14 51 25.6	+0.7
ILAR	Eielson Array	83.74	337	P	P	14 51 23.9	-1.0
ILAR	Eielson Array	83.74	337	P	P	14 51 24.8	-0.2
ILAR	comp-Z,3.9nm,1.0s,baz=145,slow=3.6,SNR=24			PP	PP	14 54 38.8	+0.9
ILAR	comp-Z,1.6nm,1.0s,baz=119,slow=6.4,SNR=6.9			LR	LR	15 30 23.7	
KDAK	Kodiak Island	83.75	329	P	P	14 51 25.8	+0.7
Q20K	Shuyak Island	83.92	330	P	P	14 51 26.3	+0.4
M22K	Willow	83.92	334	P	P	14 51 26.8	+0.9
OHAK	Old Harbor	83.94	329	P	P	14 51 26.6	+0.6
H25L	Birch Creek	83.97	338	P	P	14 51 26.8	+0.8
TROLL	Troll, Antarti	83.98	162	↑P	P	14 51 26.9	+0.6
RND	Reindeer	83.99	335	Iamb	Iamb	14 51 27.8	
F26K	Shoenjek River	84.01	340	P	P	14 51 27.2	+1.0
BMAR	Burnt Mountain	84.04	340	P	P	14 51 26.1	-0.3
POKR	Poker Plat Res	84.09	337	P	P	14 51 27.6	+0.9
MCK	McKinley	84.15	336	P	P	14 51 27.6	+0.5
SII	Sitkinan Islan	84.21	328	P	P	14 51 27.6	+0.1
CUT	Chulitna	84.22	334	P	P	14 51 26.6	-0.8
CUT	Chulitna	84.22	334	P	P	14 51 28.4	+0.7
G25K	Bearman Lake	84.28	339	P	P	14 51 28.5	+0.9
MDM	Murphy Dome	84.34	337	Iamb	Iamb	14 51 29.1	
TORD	Torodi Ar. Bea	84.44	76	P	P	14 51 28.6	-1.0
TORD	Torodi Ar. Bea	84.44	76	P	P	14 51 29.9	+0.4
TORD	comp-Z,6.5nm,0.7s,baz=296,slow=5.0,SNR=20			LR	LR	15 29 45.9	
F25K	Christian River	84.48	340	P	P	14 51 29.1	+0.4
O20K	Slope Mountain	84.50	332	P	P	14 51 28.9	-0.1
BWN	Browne	84.53	336	Iamb	Iamb	14 51 29.8	
NEA2	Nenana	84.53	336	Iamb	Iamb	14 51 29.9	
NEA2	Nenana	84.53	336	P	P	14 51 28.8	-0.1
H24K	Noodor Dome	84.55	338	Iamb	Iamb	14 51 30.5	
H24K	Noodor Dome	84.55	338	P	P	14 51 29.4	+0.3
SKT	Skwentna	84.63	334	P	P	14 51 29.2	-0.3
SKT	Skwentna	84.63	334	P	P	14 51 30.6	
SKT	Skwentna	84.63	334	P	P	14 51 30.5	+1.0
R18K	Kariuk	84.64	329	P	P	14 51 30.2	+0.7
N20K	Mount Spurr	84.67	333	P	P	14 51 30.1	+0.3
SPCR	Spurr Chakacha	84.67	333	P	P	14 51 30.0	+0.1
ILSW	Iliamna Southw	84.72	331	Iamb	Iamb	14 51 46.4	
G24K	Hadweencic Riv	84.75	339	Iamb	Iamb	14 51 31.9	
G24K	Hadweencic Riv	84.75	339	P	P	14 51 30.7	+0.6
C27K	Jago River	84.76	342	Iamb	Iamb	14 51 31.7	

C27K	Jago River	84.76	342	P	P	14 51 30.4	+0.4
I23K	Minto, Yukon-K	84.86	337	P	P	14 51 30.3	-0.2
BPAW	Bear Paw Mtn.	85.13	336	Iamb	Iamb	14 51 33.3	
BPAW	Bear Paw Mtn.	85.13	336	P	P	14 51 32.5	+0.5
H23K	Yukon River	85.18	337	P	P	14 51 32.3	+0.1
PPLA	Purkeypile	85.22	334	P	P	14 51 32.8	+0.2
F24K	Squaw Lake	85.23	339	Iamb	Iamb	14 51 32.5	+0.1
F24K	Squaw Lake	85.23	339	P	P	14 51 45.9	
F24K	Squaw Lake	85.23	339	P	P	14 51 33.0	+0.5
Q18K	Katmai Hardscr	85.23	330	P	P	14 51 32.5	-0.2
C26K	Camden Bay	85.27	342	P	P	14 51 33.1	+0.6
M20K	Styx River	85.31	333	P	P	14 51 33.3	+0.2
MLY	Manley	85.36	337	P	P	14 51 33.4	+0.2
D25K	Kavik River	85.47	341	P	P	14 51 34.5	+0.9
Q17K	Coutlet Creek	85.57	329	P	P	14 51 34.3	-0.1
N19K	Bonanza Creek	85.61	332	P	P	14 51 34.6	+0.1
R17L	Mt. Peulik Vol	85.64	329	P	P	14 51 35.2	+0.6
QSPA	South Pole Qui	85.65	180	P	P	14 51 35.1	+0.3
QSPA	South Pole Qui	85.65	180	P	P	14 51 35.8	+1.0
QSPA	comp-Z,52nm,0.9s,baz=147,slow=2.0,SNR=11			LR	LR	15 24 47.1	
E24K	Your Creek	85.66	340	P	P	14 51 35.7	+1.1
O18K	Koktuh Hills	85.67	331	P	P	14 51 35.6	+0.8
G23K	Bananza Creek	85.69	338	Iamb	Iamb	14 51 37.5	
G23K	Bananza Creek	85.69	338	P	P	14 51 35.1	+0.4
L20K	Farewell, AK	85.83	334	P	P	14 51 35.4	-0.2
M19K	Big River Lodg	85.89	333	P	P	14 51 36.0	+0.2
H22K	Ishaliitna Cre	85.91	337	P	P	14 51 36.1	+0.3
COLD	Coldfoot	85.95	339	P	P	14 51 36.8	+0.8
E23K	Chandalar	86.05	340	P	P	14 51 35.6	-1.0
E23K	Chandalar	86.05	340	P	P	14 51 36.7	+0.1
P17K	Kwihak River	86.10	330	P	P	14 51 36.8	0.0
L19K	White Mountain	86.18	333	P	P	14 51 36.7	-0.5
K20K	Telida	86.18	334	Iamb	Iamb	14 51 37.9	
K20K	Telida	86.18	334	P	P	14 51 37.4	+0.2
N18K	Kilae Creek	86.23	332	Iamb	Iamb	14 51 38.4	
N18K	Kilae Creek	86.23	332	P	P	14 51 37.4	-0.2
TOLK	Toolik Lake Re	86.25	340	P	P	14 51 38.5	+1.0
C24K	Franklin Bluff	86.38	341	P	P	14 51 38.8	+0.7
H21K	Melozitna Rive	86.38	337	P	P	14 51 38.4	+0.3
M18K	Stony River	86.42	332	P	P	14 51 38.4	0.0
J20K	Nowinta River	86.46	335	P	P	14 51 38.7	+0.1
O17K	Kolliganek Bris	86.57	331	P	P	14 51 39.2	+0.1
CHNA	Chernabura Isl	86.73	325	P	P	14 51 39.9	-0.2
D23K	Nanushuk River	86.75	340	P	P	14 51 39.6	-0.2
D23K	Nanushuk River	86.75	340	Iamb	Iamb	14 51 57.4	
D23K	Nanushuk River	86.75	340	P	P	14 51 40.1	+0.2
F22K	John River	86.76	339	P	P	14 51 40.4	+0.4
I20K	Naaghedeneel	86.79	336	P	P	14 51 39.9	-0.2
N17K	Nushagak Hills	86.81	331	P	P	14 51 40.7	+0.4
E22K	Anaktuvuk Pass	86.84	339	Iamb	Iamb	14 51 54.3	
E22K	Anaktuvuk Pass	86.84	339	P	P	14 51 40.8	+0.4
IMAR	Imai Moutai	86.86	337	P	P	14 51 39.4	-1.1
G21K	Allakaket	86.93	338	Iamb	Iamb	14 51 58.0	
G21K	Allakaket	86.93	338	P	P	14 51 40.4	-0.4
NVL	Nlavarevskaya	86.97	161	eP	eP	14 51 39.6	-1.4
NVL	Nlavarevskaya	86.97	161	eS	eS	15 02 08.9	+1.0
NVL	comp-Z,23nm,1.1s			MLR	MLR		
L18K	Granite Mounta	87.01	333	P	P	14 51 41.3	0.0
O16K	Kokwok River B	87.02	330	P	P	14 51 41.2	-0.2
S14K	Fog Glacier	87.02	327	P	P	14 51 41.6	0.0
J19K	Poorman	87.03	335	P	P	14 51 40.9	-0.5
EKA	Eskdalemur Ar	87.04	34	P	P	14 51 42.2	+0.6
C23K	Itkillik River	87.04	341	P	P	14 51 40.8	-0.4
F21K	Alatina River	87.14	338	P	P	14 51 40.9	-1.0
F21K	Alatina River	87.14	338	P	P	14 51 41.	

8d 14h

Table with columns: Call, Comp-Z, Time, Res, and various codes. Includes stations like HFS, KBA, PRED, MYKA, BRG, TSUM, MOA, OBKA, VAE, SOKA, SUR, MSVF, VRAC, LODK, KIV, ABKAR, STKA, ZEA, RAYN, BRVK, BVR, ZALV, KURK, KURB, DGZ, MAZK, MAKAC, ASAR, SONM, AAK, WRA, WB0, KSR5, KSAR, WMIQ, WMQ, WMO, HHC, HNS, TIA, FITZ, GTA, NJ2, PSA00, MBWA, LZH, WHN, ENH, PZH, QIZ, CMAR, MBWA.

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Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like MARNC, PINNC, WATNC, LIFNC, DZM, DZM, NOUC, RAO, HIZ, MXZ, URZ, RTZ, EIDS, QZ, ARMA, MRZ, TUWZ, DSZ, MSWZ, THZ, KHZ, INZ, LTZ, FOF, RPZ, RPZ, RPZ, RPZ, MOZ, CTA, CTAO, CAN, CAN, PDG, PMZ, COEN, COEN, STKA, STKA, RAR, RAR, TAU, TAU, BBOO, WR0, AS31, ASAR, ASAR, WB0, WB0, WB2, WRA, WRA, WRA, TBI, MTN, FORT, KNRA, FITZ, GUMO, MBWA.

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Table with columns: MBWA, NWA0, TAOE, KAPI, PUH, TOL2, TOL2, SBA, SBA, CASY, CASY, JGF, MJAR, MAJO, MAJO, MJB9, MJB9, NACB, SSSL, JNU, QSPA, QSPA, JTM, KNMB, KSR5, KSAR, KS19, KS19, INCN, NJ2, NJ2, NJ2, RPSI, RPSI, USRK, USRK, PETK, PETK, MDJ, CN2, CN2, GYA, GYA, BELA, BELA, HNS, HNS, PHRA, CRAI, CM31, CM31, CMAR, CMAR, KMI, KMI, CHTO, CHTO, XAN, XAN, HEH, PZH, PZH, ELIB, HHC, HHC, HHC, TROL, LZH, LZH, LZH, KDAK, SNA, SNA, SNA, SNA, VNA3, VNA2, VNA1, YBH, PFO, LPIG, NVAR, NVAR, NVAR, SONM, E19K, ILAR, ANMO, TXAR, TIXI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Pinedale Array, HUMP, AKASG, RUE, BSEGE, etc.

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

CATAC 08 15:18:28.5+1.1, 13.65N-91.98W, h10km, ML4.1, NEIC 08 15:18:28.5+2.2, 13.86N-90.92-13W, 0.03, h10km, 2km, mb4.1/50, Error ellipse: s-maj=14.2km s-min=5.3km az=187.0

IDC 08 15:18:37.1+3.7, 13.98N-91.59W, h92km, 25km, mb3.8/4, mbtmp4.1/6, MS3.6/4, Error ellipse: s-maj=42.0km s-min=29.2km az=12.0

GCG 08 15:18:40.7+0.3, 14.40N-91.51W, h24km, 43km, MD4.2, ISC 08 15:18:41.0+0.9, 13.85N-91.08-92W, 0.06, h35km, n89, mb4.3/37/90, mb4.4/17, MS3.5/4, Off coast of Chiapas

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

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

NEIC 08 15:25:47.1+1.5, 1.65S-0.149, 66E-0.07, h37km, 9km, mb4.4/19, Error ellipse: s-maj=18.4km s-min=10.1km az=186.0

IDC 08 15:25:50.0+4.6, 1.66S-149.77E, h63km, 40km, mb3.8/13, mbtmp4.1/14, ML1.9/1, MS3.5/2, Error ellipse: s-maj=25.6km s-min=18.6km az=73.0

ISC 08 15:25:47.5+0.6, 1.82S-0.08, 149.64E-0.07, h35km, n152, mb4.4/25, New Ireland region

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

NOU 08 15:12:27.9, 22.47S-170.28E, h0km, MLV4.0/7, Southeast of Loyalty Islands, Southeast of Loyalty Islands

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

IDC 08 15:14:15.6+1.2, 21.91S-170.29E, h0km, mb3.9/5, mbtmp3.9/6, ML3.7/1, MS4.3/3, Error ellipse: s-maj=49.3km s-min=30.1km az=30.0

NEIC 08 15:14:18.7+1.4, 22.0S-0.2-170.2E-0.1, h10km, 2km, mb4.4/10, Error ellipse: s-maj=31.1km s-min=19.0km az=352.0

ISC 08 15:14:20.5+1.3, 22.0S-0.2-170.2E-0.1, h25km, n23, 0.93/21, mb4.2/8, MS4.3/3, Southeast of Loyalty Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OZNA, ALPN, Z47A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H11S3, AS31, ASAR, etc.

MV0.9/14,S PART OF KII CHANNEL,Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Minabe, Tanabenahech, Kouyaba.

CATAC 08 16:34:31.5:0.6, 12.92N-88.78W, h28km, 5km, ML3.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Alcala de Te, Tecapa, Lacayo, El Ranchito.

SNVI 16:34:31.9:1.5, 12.90N-0.09:88.77W, 0.04, h45km, 32km, n49, c065/72, 3C-2D, Off coast of central America

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

UESV 16:34:31.9:1.5, 12.90N-0.09:88.77W, 0.04, h45km, 32km, n49, c065/72, 3C-2D, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Presa 15 de Se, Bellamira, Bellamira, El Faro.

SCLA 16:34:31.9:1.5, 12.90N-0.09:88.77W, 0.04, h45km, 32km, n49, c065/72, 3C-2D, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Alcala de Sa, Alcala de Sa, Alcala de Sa.

PAVA 16:34:31.9:1.5, 12.90N-0.09:88.77W, 0.04, h45km, 32km, n49, c065/72, 3C-2D, Off coast of central America

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

SNET 16:34:31.9:1.5, 12.90N-0.09:88.77W, 0.04, h45km, 32km, n49, c065/72, 3C-2D, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Serv Nac Est T, Serv Nac Est T, Serv Nac Est T.

UEES 16:34:31.9:1.5, 12.90N-0.09:88.77W, 0.04, h45km, 32km, n49, c065/72, 3C-2D, Off coast of central America

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

LCND 16:34:31.9:1.5, 12.90N-0.09:88.77W, 0.04, h45km, 32km, n49, c065/72, 3C-2D, Off coast of central America

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

PIC2 16:34:31.9:1.5, 12.90N-0.09:88.77W, 0.04, h45km, 32km, n49, c065/72, 3C-2D, Off coast of central America

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

GERES 25.12 123 P 0.2nm,0.3s,baz=308,slow=14,SNR=10

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRESS Array B, VRAC, AKASA.

ESDC 25.12 123 P 0.2nm,0.3s,baz=308,slow=14,SNR=10

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sonseca Array, KURBB, MKAR.

PDAR 25.12 123 P 0.2nm,0.3s,baz=308,slow=14,SNR=10

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pinedale Array, MJAR, CMAR.

ASAR 25.12 123 P 0.2nm,0.3s,baz=308,slow=14,SNR=10

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Allce Springs, BORG, SPITS.

FINES 25.12 123 P 0.2nm,0.3s,baz=308,slow=14,SNR=10

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fines Array B, GERES, AKASA.

KURBB 25.12 123 P 0.2nm,0.3s,baz=308,slow=14,SNR=10

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kurchatov Arra, MKAR, MJAR.

CMAR 25.12 123 P 0.2nm,0.3s,baz=308,slow=14,SNR=10

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, TSUM, SJA.

SJA 08 17:14:16.6:0.7, 27.84S:66.79W, h178km, 4km, ML3.5, MW3.5, Catamarca Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Choya, Cerro La Cruz, Horco Molle.

GO03 17:15:05.0:0.4, 30.07S:66.79W, h178km, 4km, ML3.5, MW3.5, Catamarca Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Copiap, Cuesta del Vie, AC05.

AC05 17:15:05.0:0.4, 30.07S:66.79W, h178km, 4km, ML3.5, MW3.5, Catamarca Province

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

Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mataram, Pampang, Singaraja.

IDC 08 17:25:14.3:1.8, 42.79N:142.31E, h0km, mb3.6/6, mbmp3.5/7, ML1.9/1, MS3.3/3, Error ellipse: s-maj=63.1km

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

WAKE ISLAND 17:25:20.2:0.1, 42.6N:0.5:142.0E:0.5, h34km, 1km, MW3.2/2, ISHIKARI DEPRESSION

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

WAKE ISLAND 17:25:20.1:0.8, 42.62N:0.04:141.97E:0.03, h33km, 5km, n28, c094/29, mb3.5/6, SD, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Iburiatsuma, Biratori 2, Hidakashinida.

PETK 17:25:20.1:0.8, 42.62N:0.04:141.97E:0.03, h33km, 5km, n28, c094/29, mb3.5/6, SD, Hokkaido region

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

WAKE ISLAND 17:25:20.1:0.8, 42.62N:0.04:141.97E:0.03, h33km, 5km, n28, c094/29, mb3.5/6, SD, Hokkaido region

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

WAKE ISLAND 17:25:20.1:0.8, 42.62N:0.04:141.97E:0.03, h33km, 5km, n28, c094/29, mb3.5/6, SD, Hokkaido region

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

WAKE ISLAND 17:25:20.1:0.8, 42.62N:0.04:141.97E:0.03, h33km, 5km, n28, c094/29, mb3.5/6, SD, Hokkaido region

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

WAKE ISLAND 17:25:20.1:0.8, 42.62N:0.04:141.97E:0.03, h33km, 5km, n28, c094/29, mb3.5/6, SD, Hokkaido region

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

WAKE ISLAND 17:25:20.1:0.8, 42.62N:0.04:141.97E:0.03, h33km, 5km, n28, c094/29, mb3.5/6, SD, Hokkaido region

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

NOU 08 17:45:19.9,22.42S-170.79E, h0km, MLv4.2/9, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Code	Station Name	A°	AZ°	Phase	ID	Time	Res
						h	s
						ISC	ISC
MARNC	Mare, Loyalty	2.73	290	P	ISC	17 46 04.4	-0.6
FINNC	Pines Island	3.10	266	P	Pn	17 46 10.0	-0.1
YATNC	Mamie plateau,	3.63	275	P	Pn	17 46 16.9	-0.5
LIFNC	LIFOU	3.69	296	P	Pn	17 46 18.3	+0.1
DZM	Mot Dumzac	4.04	274	P	Pn	17 46 23.2	+0.1
NOUC	Port Laguerre	4.17	274	P	Pn	17 46 24.7	-0.1
KOUNC	Koumak, New Ca	6.34	286	P	Pn	17 46 55.1	+0.5
NFK	Norfolk Island	7.08	201	P	Pn	17 47 04.8	0.0

IDC 08 17:45:36.7±0.6, 46°88'N-83°26'E, h0km, mb4.0/19, mbtmp4.0/24, ML3.7/5, MS2.9/6, Error ellipse: s-maj=9.5km s-min=6.9km az=179.0

MOS 08 17:45:38.7±1.5, 46°90'N-82°91'E, h13km, mb4.4/10, Error ellipse: s-maj=7.1km s-min=5.1km az=66.8

BUJ 08 17:45:39.9±0.0, 46°88'N-83°10'E, h15km, mb4.4/13, mb4.6/4, ML4.1/9, MS3.9/1

NEIC 08 17:45:40.2±1.7, 46°94'N-0°08'83.03E, h0.6, h15km±5km, mb4.5/26, Error ellipse: s-maj=11.4km s-min=5.1km az=164.0

NNC 08 17:45:42.0±0.6, 46°90'N-82°87'E, h15km±5km, mb4.5, mpv4.2, Error ellipse: s-maj=4.6km s-min=2.7km az=76.0

ASRS 08 17:45:42.2±0.2, 47°N±2.8'E±3.1, h5km, MLH5.0/12, Error ellipse: s-maj=4.4km s-min=2.2km az=134.9, confirmed

SOME 08 17:45:43.2, 47°00'N-82°62'E, h20km

ISC 08 17:45:38.7±0.5, 46°91'N-0°02'82.98E, h0.02, h8km±3km, k229, e2±16/320, mb4.3/47, MS3.0/3, 28C-8D,

Kazakhstan-Xinjiang border region

Code	Station Name	A°	AZ°	Phase	ID	Time	Res
						h	s
						ISC	ISC
MK31	Makanchi Array	0.49	257	Op	ISC	17 45 50.5	-1.5
MK31	Makanchi Array	0.49	257	Pg	Pn	17 45 58.4	+1.5
MK31	Makanchi Array	0.49	257	Sg	Pn	17 45 51.1	-0.9
MK31	Makanchi Array	0.49	257	Op	ISC	17 45 58.5	+1.6
MK31	Makanchi Array	0.49	257	Pg	Pn	17 45 50.5	-1.5
MKAR	Makanchi Array	0.49	257	Pg	Pn	17 45 50.5	-1.5
IKAR	Makanchi Array	0.49	257	Pg	Pn	17 45 50.9	-1.2
MKAR	Makanchi	0.70	262	Op	ISC	17 45 58.3	
MKAR	Makanchi	0.70	262	Pg	Pn	17 45 51.0	-1.0
MKAR	Makanchi	0.70	262	Sg	Pn	17 45 58.4	+1.5
MAKZ	Makanchi	1.40	66	eP	Pn	17 45 54.5	-0.4
MAKZ	Makanchi	1.40	66	eS	Pn	17 46 04.6	+0.2
MAKZ	Makanchi	1.40	66	eP	Pn	17 45 54.7	-0.3
MAKZ	Makanchi	1.40	66	eS	Pn	17 46 05.0	-0.8
MAKZ	Makanchi	1.40	66	eP	Pn	17 45 54.8	-0.1
MAKZ	Makanchi	1.40	66	eS	Pn	17 46 05.1	-0.8
MAKZ	Makanchi	1.40	66	eP	Pn	17 46 05.0	-0.8
ZSN	Zaisan	1.40	66	eP	Pn	17 46 04.7	+0.2
ZSN	Zaisan	1.40	66	eS	Pn	17 46 19.9	-3.3
ZSN	Zaisan	1.40	66	P	Pn	17 46 05.0	+0.5
ZSN	Zaisan	1.40	66	S	Pn	17 46 22.2	-0.9
KAPS	Kapalaran	3.00	239	eP	Pn	17 46 35.3	-0.9
KAPS	Kapalaran	3.00	239	eS	Pn	17 47 12.3	-2.7
KAPS	Kapalaran	3.00	239	Pg	Pn	17 46 35.3	-0.9
KAPS	Kapalaran	3.00	239	Lg	Pn	17 47 12.3	
DJR	Jarkent	3.41	222	eP	Pn	17 46 42.7	-1.4
DJR	Jarkent	3.41	222	eS	Pn	17 47 25.3	-3.0
DJR	Jarkent	3.41	222	Pg	Pn	17 46 42.7	-1.4
DJR	Jarkent	3.41	222	Lg	Pn	17 47 25.3	
KNOS	Konyrien	3.69	228	Pg	Pn	17 46 47.1	-2.2
KNOS	Konyrien	3.69	228	Lg	Pn	17 47 33.3	
TDK	Taldyqorghan	3.72	241	eP	Pn	17 46 49.6	-0.3
TDK	Taldyqorghan	3.72	241	eS	Pn	17 47 36.8	-1.3
KTMS	Ketmen	3.93	209	eP	Pn	17 46 52.7	-1.3
KTMS	Ketmen	3.93	209	eS	Pn	17 47 41.7	-3.1
KTMS	Ketmen	3.93	209	Pg	Pn	17 46 52.7	-1.3
KTMS	Ketmen	3.93	209	Lg	Pn	17 47 41.7	
SEM	Semipalatinsk	3.94	334	eP	Pb	17 46 51.3	+2.7
SEM	Semipalatinsk	3.94	334	eS	Pb	17 47 40.8	+4.2
SEM	Semipalatinsk	3.94	334	Pg	Pb	17 46 51.1	+2.4
SEM	Semipalatinsk	3.94	334	Lg	Pb	17 47 40.8	
DGZ	Jazzator, Alta	4.08	45	Pn	Pn	17 46 45.1	+3.6
DGZ	Jazzator, Alta	4.08	45	Pg	Pn	17 46 57.1	+0.2
DGZ	Jazzator, Alta	4.08	45	Sg	Pn	17 47 48.6	-1.1
DGZ	Jazzator, Alta	4.08	45	PN	Pn	17 46 45.2	+3.6
DGZ	Jazzator, Alta	4.08	45	Pn	Pn	17 47 47.8	
UKR	Ust'-Kan	4.20	16	Pn	Pn	17 46 47.0	+3.9
UKR	Ust'-Kan	4.20	16	Sg	Pn	17 46 57.1	+1.6
UKR	Ust'-Kan	4.20	16	Sg	Pn	17 47 34.1	+1.6
UKR	Ust'-Kan	4.20	16	Sg	Pn	17 47 51.6	-2.1
UKR	Ust'-Kan	4.20	16	PN	Pn	17 46 47.2	+4.0
BLB	Baldybastay	4.23	230	Pg	Pg	17 47 51.1	
BLB	Baldybastay	4.23	230	Lg	Pg	17 46 59.4	-0.4
PDGK	Podgornoye	4.35	216	Op	ISC	17 46 47.8	+2.6
PDGK	Podgornoye	4.35	216	Lg	Pn	17 47 55.0	
PDGK	Podgornoye	4.35	216	PN	Pn	17 46 47.7	+2.6
SHLS	Shalkode	4.50	215	eP	Pn	17 47 00.9	+2.8
SHLS	Shalkode	4.50	215	eS	Pn	17 47 56.1	+3.6
ARXS	Arharly	4.51	235	eP	Pn	17 47 02.8	-2.3
ARXS	Arharly	4.51	235	eS	Pn	17 48 00.2	-3.4
ARXS	Arharly	4.51	235	Pg	Pn	17 47 03.0	-2.1
ARXS	Arharly	4.51	235	Lg	Pn	17 48 01.5	
ARXS	Arharly	4.51	235	ePN	Pn	17 46 49.3	+1.9
WMQ	Urumsay	4.53	131	Pn	Pn	17 46 52.5	+4.8
WMQ	Urumsay	4.53	131	Sn	Pn	17 47 41.5	+1.0
WMQ	Urumsay	4.53	131	smax	Pn		
WMQ	Urumsay	4.53	131	smax	Pn		
CHBI	Chibit, Altay	4.54	40	Pn	Pn	17 46 51.5	+3.7
CHBI	Chibit, Altay	4.54	40	Pg	Pn	17 47 04.4	-1.3
CHBI	Chibit, Altay	4.54	40	Sg	Pn	17 48 01.6	-2.9
CHBI	Chibit, Altay	4.54	40	PN	Pn	17 46 52.5	+4.7
CHBI	Chibit, Altay	4.54	40	PN	Pn	17 48 00.7	
KPKS	Kokpek	4.59	223	eP	Pg	17 47 03.6	-3.0
KPKS	Kokpek	4.59	223	eS	Pg	17 48 01.5	-4.6
KPKS	Kokpek	4.59	223	Pg	Pg	17 47 03.6	-3.0
KPKS	Kokpek	4.59	223	Lg	Pg	17 48 01.5	
KPKS	Kokpek	4.59	223	Lg	Pg	17 48 01.5	
AKAR	Aktash	4.60	40	Pn	Pn	17 46 52.5	+3.9

AKAR	Aktash	4.60	40	Pg	Pn	17 47 07.2	+0.5
AKAR	Aktash	4.60	40	Sg	Pn	17 48 04.5	-1.8
AKAR	Aktash	4.60	40	PN	Pn	17 46 53.2	+4.6
AKAR	Aktash	4.60	40	PN	Pn	17 46 53.1	+4.6
KURBB	Kurchatov Arra	4.74	323	Pn	Pn	17 46 03.5	+2.6
KURBB	Kurchatov Arra	4.74	323	Pn	Pn	17 47 46.1	+0.5
KURBB	Kurchatov Arra	4.74	323	Lg	Pn	17 48 11.2	
KURBB	Kurchatov Arra	4.74	323	Lg	Pn	17 48 56.9	
KURBB	Kurchatov Arra	4.74	323	PN	Pn	17 46 52.8	+2.4
KURK	Kurchatov	4.78	325	Pn	Pn	17 46 53.2	+2.2
KURK	Kurchatov	4.78	325	PN	Pn	17 46 54.1	+3.1
KURK	Kurchatov	4.78	325	PN	Pn	17 47 07.4	-2.8
KURK	Kurchatov	4.78	325	PN	Pn	17 46 54.1	+3.1
KURK	Kurchatov	4.78	325	Pg	Pn	17 46 51.1	
KURK	Kurchatov	4.78	325	Pg	Pn	17 47 45.1	+3.1
KURK	Kurchatov	4.78	325	Pg	Pn	17 47 08.5	-1.7
KURK	Kurchatov	4.78	325	Pg	Pn	17 48 09.5	-2.6
KURK	Kurchatov	4.78	325	Pn	Pn	17 46 53.1	+2.1
KURK	Kurchatov	4.78	325	Pn	Pn	17 47 46.1	
Chagan-Uzun	Chagan-Uzun	4.79	46	Pn	Pn	17 47 09.4	-1.0
Chagan-Uzun	Chagan-Uzun	4.79	46	Pg	Pn	17 47 49.2	+2.2
Chagan-Uzun	Chagan-Uzun	4.79	46	Sg	Pn	17 48 09.7	-2.8
Chagan-Uzun	Chagan-Uzun	4.79	46	Sg	Pn	17 46 55.3	+2.0
Chagan-Uzun	Chagan-Uzun	4.79	46	Pn	Pn	17 48 07.9	
KURAM	Kuram	4.82	227	eP	Pg	17 47 08.0	-3.0
KURAM	Kuram	4.82	227	eS	Pg	17 48 08.8	-4.7
KURAM	Kuram	4.82	227	Pg	Pg	17 47 08.0	-3.0
KURAM	Kuram	4.82	227	Lg	Pg	17 48 08.8	
ZHN	Zhinishe	4.93	222	eP	Pg	17 47 09.5	-3.7
ZHN	Zhinishe	4.93	222	eS	Pg	17 48 12.8	
ZHN	Zhinishe	4.93	222	Pg	Pg	17 47 09.5	-3.7
ZHN	Zhinishe	4.93	222	Lg	Pg	17 48 12.8	
ULGR	Ulagan, Altay	4.97	40	Pn	Pn	17 46 56.8	+3.1
ULGR	Ulagan, Altay	4.97	40	Sg	Pn	17 47 51.6	+0.3
ULGR	Ulagan, Altay	4.97	40	Sg	Pn	17 48 13.1	+5.0
ULGR	Ulagan, Altay	4.97	40	PN	Pn	17 47 40.1	+3.3
SATY	Saty	5.03	222	eP	Pg	17 47 12.6	-2.5
SATY	Saty	5.03	222	eS	Pg	17 48 16.4	-3.9
SATY	Saty	5.03	222	Pg	Pg	17 47 11.6	-3.5
SATY	Saty	5.03	222	Lg	Pg	17 48 14.9	
CHHK	Chushkaly	5.21	236	eP	Pg	17 47 15.3	-3.2
CHHK	Chushkaly	5.21	236	eS	Pg	17 48 22.1	-3.9
CHHK	Chushkaly	5.21	236	Pg	Pg	17 47 15.3	-3.2
CHHK	Chushkaly	5.21	236	Lg	Pg	17 48 22.0	
GALT	Gorno-Altaysk, Karatobe	5.42	20	Pn	Pn	17 47 03.4	+3.7
GALT	Gorno-Altaysk, Karatobe	5.42	20	Sg	Pn	17 48 02.6	+0.4
GALT	Gorno-Altaysk, Karatobe	5.42	20	Sg	Pn	17 48 27.4	-5.1
GALT	Gorno-Altaysk, Karatobe	5.42	20	Pb	Pn	17 47 20.5	-2.9
GALT	Gorno-Altaysk, Karatobe	5.42	20	Pb	Pn	17 47 20.5	-3.0
KT							

GN1	comp=Z,1.3nm,1.4s	28.32 270	P	P	17 51 34.3 +1.3
CNI	comp=Z,7.3nm,1.5s		P	P	17 51 43.5 -1.8
NJ2	Changchun	29.74 80	eP	p	17 51 57.4 0.0
NJ2	Nanjing	31.10 106	pP	sP	17 52 01.3 0.0
NJ2			pmax	pmax	
NJ2	comp=Z,1.6nm,0.6s		pmax	pmax	
CMAR	Chiang Mai Arr	31.26 150	P	P	17 51 57.4 -1.5
CMAR	Chiang Mai Arr	31.26 150	iP	pmax	17 51 58.2 -0.7
CMAR	comp=Z,1.0nm,0.7s		pmax	pmax	
MNK	Minsk	34.91 303	iP	P	17 52 29.6 -0.9
MNK	comp=E,5.0nm,0.8s		iP	P	17 52 29.6 -0.9
MNK	comp=N,7.0nm,0.8s		iP	P	17 52 29.6 -0.9
MNK	comp=Z,3.0nm,0.6s,baz=79		iPP	PnFn	17 53 46.5 -0.2
MNK			PPP	PPP	17 53 59.1
MNK			iPP	PPP	17 55 01.5 -1.4
MNK			iS	S	17 58 02.4 +0.7
MNK			iSS	SSn	18 00 18.8 +3.2
MNK			iSSS	SSS	18 00 35.0
MNK			iL	LO	18 04 08.8
MNK			iLR	LR	18 06 14.2
MNK			iLRM	MLR	18 06 56.7
MNK	comp=E,1.6nm,15.5s		iLRM	MLR	18 07 09.6
MNK	comp=Z,2.9nm,16.1s		iLRM	MLR	18 07 12.5
MNK	comp=N,4.2nm,17.9s		iLRM	MLR	18 07 12.5
MNK	Minsk	34.91 303	iP	P	17 52 29.5 -0.9
MNK			iP	P	17 53 46.5
MNK			iP	P	17 55 01.5
MNK			iS	S	17 58 02.3 +0.7
MNK			iSS	SSn	18 00 18.8 +3.2
MNK			iSSS	SSS	18 00 35.0
MNK	comp=Z,3.0nm,0.6s		pmax	pmax	
MNK	comp=N,7.0nm,0.8s		pmax	pmax	
MNK	comp=E,5.0nm,0.8s		pmax	pmax	
MNK	comp=E,1.6nm,16.0s		MLR	MLR	
MNK	comp=Z,2.9nm,16.0s		MLR	MLR	
MNK	comp=N,4.2nm,18.0s		MLR	MLR	
AK09	Malin Array Si	34.95 296	P	P	17 52 30.7 -0.1
AK03	Malin Array Si	34.95 297	P	P	17 52 30.5 -0.4
AK08	Malin Array Si	34.96 296	P	P	17 52 30.9 0.0
AKASG	Malin Array Be	34.96 296	P	P	17 52 30.2 -0.7
AKASG	comp=N,0.4nm,0.3s,baz=68,slow=9.2,SNR=7.3				
AKASG	Malin Array Be	34.96 296	iP	P	17 52 33.0 +2.1
AKBB	Malin Array Si	34.96 296	iP	P	17 52 29.9 -1.0
AKBB	Malin Array Si	34.96 296	iP	P	17 52 29.9 -1.0
AKBB	comp=Z,5.0nm,1.3s		pmax	pmax	
AKBB	Malin Array Si	34.96 296	P	P	17 52 30.3 -0.6
AK10	Malin Array Si	34.97 296	P	P	17 52 30.9 -0.1
KIEV	Kiev	34.97 296	P	P	17 52 29.6 -1.4
KIEV	Kiev	34.97 296	P	P	17 52 29.6 -1.4
KIEV	comp=Z,2.0nm,1.0s		pmax	pmax	
KIEV	Kiev	34.97 296	P	P	17 52 30.3 -0.7
BNN	Bunyan	35.02 274	P	P	17 52 30.4 -1.3
FINES	FINESS Array B	35.09 316	P	P	17 52 31.7 -0.2
FINES	comp=Z,0.5nm,0.5s,baz=90,slow=8.3,SNR=5.3				
FINES	comp=Z,0.7nm,0.5s,baz=74,slow=6.1,SNR=5.0				
FINES	comp=Z,2.9nm,19.3s,baz=17.4,slow=38				
FINES	comp=Z,0.5nm,0.5s				
NACGM	Naroch	35.46 304	eP	P	17 52 32.8 -2.4
NACGM	comp=Z,8.0nm,0.9s,baz=30				
ARCES	ARCCESS Array B	35.80 330	P	P	17 52 38.1 +0.2
ARCES	comp=Z,7.4nm,1.1s		Iamb	Iamb	17 52 40.0
ARCES	ARCCESS Array B	35.80 330	P	P	17 52 37.4 -0.6
ARCES	comp=Z,2.7nm,0.7s,baz=91,slow=8.3,SNR=13				
ARCES	comp=Z,0.5nm,0.6s,baz=95,slow=4.5,SNR=1.6				
Mi28	Mi28,Pidlybu	35.85 297	P	P	17 52 38.0 -0.6
BR131	Reskin Array S	36.11 277	P	P	17 52 41.6 +0.5
BR131	comp=Z,2.7nm,0.7s		Iamb	Iamb	17 53 03.2
BR131	Reskin Array S	36.11 277	P	P	17 52 41.6 +0.5
BR131	comp=Z,5.2nm,1.2s		pmax	pmax	
BRTR	Reskin Array B	36.11 277	P	P	17 52 42.2 +1.1
BRTR	Reskin Array B	36.11 277	P	P	17 52 42.0 +0.8
BRTR	comp=Z,1.5nm,0.6s,baz=75,slow=8.0,SNR=5.3				
BRTR	Reskin Array B	36.11 277	iP	pmax	17 52 43.2 +2.1
BRTR	comp=Z,2.0nm,0.6s		pmax	pmax	
BR105	Reskin Array S	36.13 277	P	P	17 52 41.7 +0.4
BR105	comp=Z,3.4nm,0.8s		pP	sP	17 52 46.2 +1.1
NDNU	Novodistrovsk	36.73 294	P	P	17 52 46.5 +0.3
RNP9	Sopachiv	36.79 299	P	P	17 52 46.2 -0.5
KMPD	K-Podol'skiy	37.31 294	P	P	17 52 50.8 -0.3
TESCA	Tescani	37.91 291	P	P	17 52 56.4 +0.2
ODBI	Odobashi	37.93 289	P	P	17 52 56.3 -0.1
RAYN	Ar Rayn	37.97 245	P	P	17 52 57.5 +0.5
RAYN	Ar Rayn	37.97 245	P	P	17 52 57.5 +0.5
RAYN	comp=Z,3.0nm,1.1s		pmax	pmax	
STNU	Starunia	38.48 295	P	P	17 53 00.4 -0.6
KLYT	Kilyos	38.51 282	P	P	17 53 00.8 -0.5
HFS	Hagflos	41.27 315	P	P	17 53 23.6 -0.4
HFS	comp=Z,1.3nm,0.5s,baz=90,slow=8.9,SNR=8.2				
NC405	NORSAR Array S	41.99 317	P	P	17 53 29.7 -0.2
NC405	comp=Z,1.8nm,1.3s		Iamb	Iamb	17 53 53.4
NC602	NORSAR Array S	42.16 316	P	P	17 53 31.0 -0.3
NC602	comp=Z,1.7nm,1.4s		Iamb	Iamb	17 53 48.2
NB2	NORSAR Subarra	42.24 317	P	P	17 53 32.0 0.0
NOA	NORSAR Array B	42.24 317	P	P	17 53 31.6 -0.4
NOA	comp=Z,0.9nm,0.6s,baz=74,slow=7.9,SNR=6.0				
NOA	comp=Z,1.9nm,1.9s,baz=290,slow=37				
MORH	Mrgy, Hungar	43.11 294	P	P	17 53 37.9 -1.3
AGG	Agios Georgios	44.09 283	P	P	17 53 47.4 +0.1
AGG	comp=Z,1.5nm,0.5s		Iamb	Iamb	17 54 21.4
AGG	Agios Georgios	44.09 283	P	P	17 53 47.4 +0.1
AGG	comp=Z,1.3nm,1.4s		pmax	pmax	
IDI	Anoyia	44.35 277	P	P	17 53 49.1 -0.3
CLL	Collim	44.44 303	P	P	17 53 49.9 +0.1
CLL	comp=Z,3.3nm,0.6s		Iamb	Iamb	17 53 50.9
CLL	Collim	44.44 303	iP	P	17 53 50.3 +0.5
CLL	comp=Z,4.0nm,0.7s		epP	sP	17 53 56.0 +2.3
CLL	Collim	44.44 303	iP	P	17 53 50.3 +0.5
CLL			e	e	17 53 56.0
CLL	comp=Z,4.0nm,0.7s		pmax	pmax	
CLL	Collim	44.44 303	P	P	17 53 49.2 -0.6
CLL	comp=Z,5.5nm,1.1s		P	P	17 53 50.5 -0.4
TIR	Tirane	44.56 287	P	P	17 53 50.5 -0.4
GERES	GERESS Array B	45.03 299	P	P	17 53 55.6 -0.9
GERES	comp=Z,0.2nm,0.3s,baz=66,slow=11,SNR=2.0				
PETK	Petropavlovsk-	46.39 53	P	P	17 54 04.4 -0.9

GSI	comp=Z,1.4nm,0.8s,baz=279,slow=2.6,SNR=0.9				
EKA	Gunungstigi	47.17 160	P	P	17 54 11.9 +0.2
EKA	Eskdalemuir Ar	51.41 313	P	P	17 54 43.2 -0.5
EKA	comp=Z,0.4nm,0.3s				
F15K	North Star Dit	56.30 27	P	P	17 55 19.6 +0.2
E19K	Redstone River	57.30 23	P	P	17 55 26.6 +0.2
E19K	comp=Z,4.6nm,1.1s		Iamb	Iamb	17 55 50.4
D23K	Nanushuk River	57.85 20	P	P	17 55 30.1 -0.1
D23K	comp=Z,8.2nm,1.2s		Iamb	Iamb	17 55 31.3
AMKA	Amurka	58.67 47	P	P	17 55 34.8 -1.5
J19K	Poorman	60.27 26	P	P	17 55 47.2 +0.1
J19K	comp=Z,6.9nm,1.5s		Iamb	Iamb	17 56 02.6
K17K	Iditarod	60.38 28	P	P	17 55 48.2 +0.3
ESDC	Somseca Array	60.59 286	P	P	17 55 49.6 -0.2
ESDC	comp=Z,0.4nm,0.6s,baz=45,slow=5.7,SNR=7.0				
E29M	Blow River	61.05 16	P	P	17 56 52.5 +0.2
E29M	comp=Z,4.9nm,1.1s		Iamb	Iamb	17 56 35.2
G27K	Doyon Strip	61.63 18	P	P	17 56 56.3 0.0
G27K	comp=Z,4.3nm,1.5s		Iamb	Iamb	17 56 28.0
ILAR	Eielson Array	62.08 22	P	P	17 55 58.0 -1.3
ILAR	comp=Z,0.4nm,0.7s,baz=319,slow=5.2,SNR=9.0				
H29M	Whitestone	62.83 18	P	P	17 56 03.9 -0.5
H29M	comp=Z,6.7nm,1.2s		Iamb	Iamb	17 56 12.0
G31M	Satah River	63.01 16	P	P	17 56 04.6 -0.8
I30M	Mount Dempster	64.11 17	P	P	17 56 12.1 -0.9
I30M	comp=Z,2.0nm,0.7s		Iamb	Iamb	17 56 12.6
BCAR	Beaver Creek A	64.76 21	P	P	17 56 17.3 +0.1
OHAK	Old Harbor	66.19 30	P	P	17 56 26.6 +0.2
TORD	Torodi Ar. Bea	74.59 273	P	P	17 57 17.7 -0.7
TORD	comp=Z,1.4nm,0.5s,baz=43,slow=5.0,SNR=11				
WRA	Warramunga Ar.	81.03 132	P	P	17 57 53.1 -0.9
WRA	comp=Z,2.3nm,0.6s,baz=336,slow=5.5,SNR=33				
DBIC	Dimbokro	83.70 273	P	P	17 58 07.9 -0.3
DBIC	comp=Z,4.4nm,0.9s,baz=59,slow=4.9,SNR=2.2				
ASAR	Alice Springs	93.33 14	P	P	17 58 07.9 -1.3
ASAR	comp=Z,1.2nm,0.7s,baz=326,slow=5.0,SNR=37				
PDAR	Pinedale Array	90.02 9	P	P	17 58 37.2 -1.8
PDAR	comp=Z,0.2nm,0.6s,baz=1.4,slow=3.6,SNR=2.3				
NVAR	Mina Array Bea	92.93 17	P	P	17 58 51.2 -1.4
NVAR	comp=Z,0.4nm,0.7s,baz=2.9,slow=1.8,SNR=4.4				
STKA	Stephens Creek	94.52 133	P	P	17 58 58.6 -0.8
STKA	comp=Z,0.7nm,0.6s,baz=350,slow=18,SNR=1.1				
TEH 08	17:50:24.5, 34:65N,46:34E, h8km, 11km, ML3.4				
ISN 08	17:50:27.9, 2.4, 34:68N,46:13E, h18km, 28km, ML3.6				
ISC 08	17:50:24.1, 1.0, 34:55N,0:03, 46:30E, 0:03, h9km, 7km,				
n62, c278/80, Western Iran					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	
IDHR	Dehrash	01 25	Op	ISC	h m s ISC
IDHR					17 50 26.7 -1.1
IDHR	Ghaleghazi	0.31 134	Pg	Pg	17 50 28.8 -1.6
IGHG	Gilan-e-Gharb	0.54 217	Pg	Pb	17 50 32.4 +0.4
GLG1					17 50 36.8 +0.9
KGSI	Ghasr-e-Shirin	0.59 266	Pg	Pb	17 50 47.3 -0.1
ILIN	Lien	0.66 56	Pg	Pg	17 50 35.9 +0.3
KCHF	Cheشمه Sefid,	0.67 114	Pg	Pg	17 50 35.8 -1.1
KCHF					17 50 37.7 +0.7
ILBA	Ilam Banvizeh	0.92 185	Pg	Sb	17 50 49.0 +1.5
SNOR	Songor, Kerman	1.14 74	Pg	Pb	17 50 44.2 +0.9
SNOR					17 50 49.9 +0.9
IBZA	Bozab	1.29 93	Pg	Pg	17 51 01.1 +0.4
IKFM	Kafar-mosalman	1.64 128	Pg	Pg	17 50 48.8 +0.3
IDOB	Doab	1.73 115	Pg	Pg	17 50 56.9 +1.0
SDS1	Sardasht. Az.	1.72 398	Pg	Pn	17 50 57.5 +0.6
IKRK	Kirkuk	1.83 286	epP	Pn	17 50 55.0 +0.3
IKRK	baz=116				
IKRK			eSg	Sn	17 51 20.0 +1.1
IKRK	comp=E,724nm,0.5s		AML	AML	17 51 26.2
IKRK	comp=N,1.1m,0.6s		AML	AML	17 51 29.6
HSAM	Samen	1.93 99	Pn	Pb	17 51 00.3 +0.6
BHD	Baghdad	2.04 232	epP	Pn	17 51 02.0 +0.6
BHD			eSn	Pn	17 51 29.0 -0.8
BDRS	Dareh Seyedi	2.22 105	Pn	Pb	17 51 04.5 0.0
MAHB	Mahabab	2.27 348	Pn	Pn	17 51 03.9 +0.2
IHSB	Hashtroh	2.86 16	Pn	Pn	17 51 11.2 +0.9
IAZR	Azarshahr	3.14 355	Pn	Pn	17 51 15.0 +1.0
ISRB	Sarab	3.45 18	Pn	Pn	17 51 19.7 +1.4
SAKB	Sakran	3.77 352	Pn	Pn	17 51 12.4 -0.7
IHRB	Isfahar	3.81 9	Pn	Pn	17 51 24.6 +1.4
IQOM	Qom	3.94 84	Pn	Pn	17 51 26.1 +1.1
IPIR	Pir	4.26 115	Pn	Pn	17 51 32.0 +2.5
JHBN	Jahan bin	4.32 121	Pn	Pn	17 51 32.8 +2.5
GRIM	Germi	4.44 16	Pn	Pn	17 51 33.2 +1.4
IYRN	Iyranin	4.49 83	Pn	Pn	17 51 34.5 +0.0
IKLH	Kolahrood	4.55 104	Pn	Pn	17 51 37.0 +3.5
KRSH	Karshahi	4.87 95	Pn	Pn	17 51 40.7 +3.0
IFSB	Sefidabad	4.91 91	Pn	Pn	17 51 40.2 +2.0
KBD	Kabd	4.95 167	Pn	Pn	17 51 49.5 +3.5

8d 19h

Table of astronomical observations for 8d 19h, listing station names, coordinates, and observation details.

2018 SEP

Main table of astronomical observations for 2018 SEP, including station names, coordinates, and observation details.

560

Table of astronomical observations for 560, listing station names, coordinates, and observation details.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like BBJ, BBJ, CNU, CNU, CNU, etc.

ICC 08 19:28:55.3, 0.8, 59.285x25.16W, h0km, mb4.0/6, mbmp4.0/6, MS3.5/8, Error ellipse: s-maj=28.3km, s-min=25.8km az=56.0

NEIC 08 19:28:57.0, 1.4, 59.55, 0.1x25.2W, 0.3, h10km, 1km, mb4.6/12, Error ellipse: s-maj=32.2km s-min=16.5km az=46.0

ISC 08 19:28:58.9, 0.6, 59.59AS, 0.10x25.1W, 0.1, h27km, n44, r135/37, mb4.4/9, MS3.5/7, 7C-1D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like HOPE, VNA1, VNA3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like MT02, SUR, CO01, etc.

ICC 08 19:35:17.0, 3.3, 28.15N, 59.26E, h0km, mb3.5/6, mbmp3.5/6, MS3.0/1, Error ellipse: s-maj=79.4km, s-min=30.4km az=149.0

TEH 08 19:35:16.6, 28.22N, 59.39E, h8km, 77km, ML3.8

OMAN 08 19:35:20.9, 0.1, 27.85N, 59.66E, h10km, mb4.2/3, mb3.3/11, Error ellipse: s-maj=1.4km s-min=1.1km az=8.0

ISC 08 19:35:17.5, 0.6, 28.12N, 59.48E, 0.04, h10km, n46, r197/60, mb3.5/6, Southern Ians

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like KBAM, KBNJ, KBNJ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like HOQ, ASUD, SMDO, etc.

ICC 08 19:41:41.7, 1.3, 13.00N, 145.51E, h0km, mb3.6/6, mbmp3.6/6, MS2.7/1, Error ellipse: s-maj=34.3km, s-min=17.6km az=65.0

ISC 08 19:41:47.8, 1.2, 13.03N, 0.10x145.4E, 0.2, h43km, n14, r087/18, mb3.5/6, South Mariana Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like H11S2, H11N1, H11N2, etc.

ICC 08 19:57:06.8, 0.8, 1.62N, 126.46E, h0km, mb3.8/8, mbmp3.8/8, MS3.1/1, Error ellipse: s-maj=83.8km, s-min=16.3km az=68.0

NEIC 08 19:57:08.8, 1.1, 1.72N, 126.50E, 0.07, h10km, 1km, mb4.0/10, Error ellipse: s-maj=13.0km s-min=7.8km az=69.0

DJA 08 19:57:10.9, 0.4, 2.4N, 126.6E, h10km, M3.9/11, mb4.2/4, MLV3.8/11

ISC 08 19:57:08.8, 0.6, 1.64N, 126.45E, 0.07, h10km, n36, r130/39, mb4.0/13, Northern Molucca Sea

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

ICC 08 20:03:29.9, 0.7, 3.2S, 182.81W, h5km, M4.2/15, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like ARNL, ARNL, ISPG, etc.

HEL 08 20:16:18.6, 0.2, 67.30N, 20.27E, h0km, ML1.2, Explosion, Sweden

Table with columns: PAJU, Pajala, baz=306, 1.35 124 PG, Pg, 20 16 42.7 -1.7, etc.

Table with columns: ARSB, Arslanbob, 44.04 335 P, P, 20 26 50.0 +0.4, etc.

Table with columns: DGS, Degeres, 5.24 69 Pg, Pg, 20 41 32.6 -2.7, etc.

IDC 08 20:18:40.3;1.1,2:23N-96:03E, h0km, mb4.0/0.15, mbmp4.0/16, ML4, 1/1, MS3,0/5, Error ellipse:

s-maj=38.4km s-min=21.1km az=48.0, NEIC 08 20:18:42.9;1.5,2:33N:0.06;96:06E:0:10, h10km,1km, mb4.4/33, Error ellipse: s-maj=18.0km s-min=7.2km az=243.0

DJA 08 20:18:45.0;5.2:N;2:9'6"E, h26km,3km, M5.0/18, mB5.8/7, mb4.9/18, MLV4.7/12, Mw(MB)5.4/7

ISC 08 20:18:44.5;0.5,2:33N:0.05;96:06E:0.06, h25km, n103, c1506/90, mb4.3/31, MS3.0/4, Northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

comp=2.5,7nm,0.8s, comp=2.1,0nm,0.6s, baz=165, slow=7.0, SNR=12

comp=2.5,7nm,0.6s, baz=177, slow=7.0, SNR=26, comp=2.5,7nm,0.6s, baz=141, slow=9.6, SNR=17

comp=2.2,3nm,0.6s, comp=2.1,7nm,0.8s, comp=2.1,7nm,0.8s

comp=2.2,3nm,0.6s, baz=52, slow=75, SNR=4107, baz=52, slow=75, SNR=4671

comp=2.2,3nm,0.6s, baz=51, slow=75, SNR=5509, baz=51, slow=75, SNR=638

comp=2.2,3nm,0.6s, baz=51, slow=75, SNR=719, baz=51, slow=75, SNR=555

comp=2.2,3nm,0.6s, baz=51, slow=75, SNR=555, comp=2.0,5nm,0.4s

comp=2.0,5nm,0.4s, baz=67, slow=32, SNR=2.1, comp=2.0,5nm,0.4s

comp=2.0,5nm,0.4s, baz=75, slow=32, SNR=2.1, comp=2.0,5nm,0.4s

comp=2.0,5nm,0.4s, baz=78, slow=33, SNR=7.2, comp=2.1,1nm,0.6s

comp=2.0,5nm,0.4s, baz=81, slow=30, SNR=6.6, comp=2.0,5nm,0.4s

comp=2.0,5nm,0.4s, baz=83, slow=31, SNR=4.5, comp=2.0,2nm,0.3s

comp=2.2,8nm,1.1s, baz=84, slow=13, SNR=1.1, comp=2.2,8nm,1.1s

comp=2.0,39:55.7, 41:28N-69:20E, h5km, ISC 08 20:39:56.9, 41:39N-69:03E, h5km

comp=2.0,39:57.3, 1.6, 41:30N-69:20E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=10.9km s-min=10.2km az=52.0

ISC 08 20:39:55.1;1.3, 41:55N-103:69.08E:0.04, h3km, 12km, n30, c2900/51, 4C-4D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

ISU 08 20:40:26.2, 41:38N-69:05E, h9km, KRNET 08 20:40:31.6;0.1, 41:51N-69:34E, h17km, mb3.0

ISC 08 20:40:25.0;1.2, 41:44N-104:69.05E:0.03, h12km, gkm, n17, c137/34, 12C, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

DJA 08 21:01:33.9;0.4, 2:N;3:12'5E, h130km, 8km, M4.3/16, mb4.3/8, mB5.0/3, MLV4.4/16, Mw(MB)4.3/3

IDC 08 21:01:37.1;3.4, 1:93N-125:14E, h200km, 32km, mb3.1/6, mbmp3.6/6, Error ellipse: s-maj=47.7km s-min=12.9km az=73.0

ISC 08 21:01:32.3;0.8, 1:98N-108:125:18E:0.07, h150km, n25, c129/21, MB3.4/6, Northern Malacca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 08 21:21:15.4;3.2, 23:30S-66:85W, h219km, 28km, mb3.2/1, mbmp3.6/4, MS2.6/1, Error ellipse: s-maj=66.2km s-min=35.2km az=176.0

ISC 08 21:13:16.1;1.1, 23:30S-106:66.67W:0.09, h200km, n14, c189/24, 4C-1D, Jujuy Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

8d 22h

MARNK	Mare, Loyalty	15.36 278	P	P	22 31 08.2	-2.3
NFK	Norfolk Island	15.37 249	P	P	22 31 10.1	-0.5
NFK	Norfolk Island	15.37 249	P	Pn	22 31 08.2	+2.2
PINNC	Pines Island	15.65 273	P	P	22 31 18.0	-0.7
PINNC	Pines Island	15.65 273	P	Pn	22 31 15.4	+0.2
BKZ	Black Stump Fm	16.08 203	P	Pn	22 31 15.4	+0.2
HIZ	Hauti	16.15 208	P	Pn	22 31 16.9	+0.9
HIZ	Hauti	16.15 208	P	Pn	22 31 14.5	-3.0
LIFNC	LIFOU	16.25 280	P	Pn	22 31 19.3	-1.1
LIFNC	LIFOU	16.25 280	P	P	22 31 19.0	-1.5
YATV	Mamie plateau,	16.26 275	P	P	22 31 19.3	+1.1
RTNC	Remapao	16.31 291	P	P	22 31 20.1	-1.1
NTVZ	North Tongarir	16.32 205	P	P	22 31 23.2	-0.4
DVP	Devils Point	16.54 291	P	P	22 31 14.2	-7.0
KRHZ	Kereru	16.55 202	P	P	22 31 07.5	-1.7
KRHZ	Kereru	16.55 202	P	S	22 31 18.0	-3.3
WNVZ	Wahianoa	16.55 205	P	P	22 31 17.6	-4.8
FUNA	Funafuti	16.64 342	P	Pn	22 31 24.9	+0.2
FUNA	Funafuti	16.64 342	P	P	22 31 23.7	+0.9
DZM	Mont Dzumac	16.66 275	eP	IAMB	22 31 29.5	
DZM	comp-Z,371nm,1.1s					
DZM	Mont Dzumac	16.66 275	eP	Pn	22 31 22.9	+0.1
DZM	comp-Z,1.1um,1.4s					
DZM	comp-Z,1.4um,24.0s		eLR	LR	22 34 56.5	
DZM	Mont Dzumac	16.66 275	P	P	22 31 24.9	-0.2
DZM	Mont Dzumac	16.66 275	Pn	P	22 31 25.1	0.0
DZM	comp-Z,1.8nm,0.3s,baz=102,slo=15,SNR=36					
DZM	comp-Z,9um,21.1s,baz=102,slo=33,LR				22 36 31.9	
NOUC	Port Laguerre	16.74 275	P	P	22 31 26.4	+0.1
PNHZ	Pukenui	16.85 202	P	Pn	22 31 24.9	0.0
PNHZ	Pukenui	16.85 202	P	S	22 34 08.8	-2.3
TSZ	Takapari Road	17.06 203	P	Pn	22 31 22.1	-5.5
TSZ	Takapari Road	17.06 203	P	S	22 31 19.3	-1.0
WAZ	Wanganui	17.16 205	P	Pn	22 31 19.5	-9.3
BFZ	Birch Farm	17.52 201	P	Pn	22 31 31.5	-1.8
MRZ	Mangatainoka R	17.73 202	P	Pn	22 31 31.6	-4.3
MRZ	Mangatainoka R	17.73 202	P	S	22 34 31.5	-2.1
VLAKA	Lakatoro	17.95 295	P	Pn	22 31 33.5	-5.8
HOWZ	Holdsworth Sta	17.96 202	P	S	22 34 37.1	-2.2
HOWZ	Holdsworth Sta	17.96 202	P	S	22 31 33.5	-5.8
OGWZ	OGWZ	18.01 203	P	Pn	22 34 39.1	-2.1
CAW	Canon Point	18.30 203	P	Pn	22 31 39.5	-3.4
DUWZ	D'Urville Isla	18.41 206	P	P	22 31 41.1	-3.7
DUWZ	D'Urville Isla	18.41 206	P	S	22 34 55.1	-1.6
MSWZ	Moikau Station	18.57 202	P	Pn	22 31 43.0	-2.3
MSWZ	Moikau Station	18.57 202	P	S	22 34 51.4	-2.1
PLWZ	Palliser	18.65 202	P	Pn	22 31 44.3	-2.5
PLWZ	Palliser	18.65 202	P	S	22 34 54.6	-2.1
TCW	Tory Channel	18.68 204	P	Pn	22 31 43.4	-3.8
TCW	Tory Channel	18.68 204	P	S	22 34 57.6	-1.8
KOUNC	Koumac, New Ca	18.98 278	P	Pn	22 31 48.4	-2.2
KOUNC	Koumac, New Ca	18.98 278	P	P	22 31 53.7	+2.4
TUWZ	Tuamuarina	19.00 205	P	Pn	22 31 45.2	-5.4
TUWZ	Tuamuarina	19.00 205	P	S	22 35 03.8	-2.0
NNZ	Nelson	19.04 206	P	Pn	22 31 46.8	-4.6
NNZ	Nelson	19.04 206	P	S	22 35 04.3	-2.0
QRZ	Quartz Range	19.07 209	P	Pn	22 31 48.8	-2.6
KHZ	Kahutara	20.00 204	IAMS_20	IAMS_20	22 39 49.0	
KHZ	Kahutara	20.00 204	P	P	22 32 01.1	-0.5
KHZ	Kahutara	20.00 204	P	S	22 31 57.3	-4.2
DSZ	Denniston Nort	20.14 208	P	P	22 35 26.7	-1.9
DSZ	Denniston Nort	20.14 208	P	S	22 31 59.3	-3.8
DSZ	Denniston Nort	20.14 208	P	S	22 35 29.8	-1.9
DSZ	Denniston Nort	20.14 208	P	S	22 31 41.2	-2.6
GVZ	Greta Valley S	20.67 204	P	P	22 35 39.0	-2.0
LTZ	Lake Taylor	20.80 206	P	P	22 32 09.3	-1.0
LTZ	Lake Taylor	20.80 206	P	S	22 35 42.9	-1.9
INZ	Inchbonnie	21.09 207	IAMS_20	IAMS_20	22 40 07.8	
INZ	Inchbonnie	21.09 207	P	P	22 32 10.1	-3.2
INZ	Inchbonnie	21.09 207	P	S	22 35 48.5	-1.9
OZQ	Oxford	21.35 205	P	P	22 32 12.2	-4.0
MXZ	McQueen's Vall	21.44 204	P	P	22 32 16.6	-0.5
WVZ	Wataha Valley	21.69 208	P	P	22 32 18.1	-1.5
RPZ	Rata Peaks	22.07 206	LR	LR	22 41 02.1	
FOZ	Fox Glacier	22.44 209	IAMS_20	IAMS_20	22 41 22.4	
FOZ	Fox Glacier	22.44 209	P	P	22 32 27.7	-0.2
LBZ	Lake Benmore	22.98 207	IAMS_20	IAMS_20	22 42 02.8	
LBZ	Lake Benmore	22.98 207	P	P	22 32 37.8	+0.6
JCZ	Jackson Bay	23.33 209	P	P	22 42 26.0	
WKZ	Wanaka	23.82 208	IAMS_20	IAMS_20	22 42 26.0	
BBU	Tubuai	23.93 93	eP	P	22 32 35.5	-7.6
TBI	comp-Z,2.0um,27.2s		eS	S	22 37 04.2	+5.5
TBI	comp-Z,3.5um,30.0s		eLR	LR	22 38 22.8	
TBI	comp-Z,7.7um,29.0s		eLR	LR	22 38 25.7	
MLZ	Mavoro Lakes	24.64 208	IAMS_20	IAMS_20	22 42 29.5	
PPT2	Papeete2	25.23 79	eP	P	22 32 50.4	-4.7
PPT2	comp-Z,3.68nm,23.5s		eS	S	22 37 18.3	-1.6
PPT2	comp-Z,8um,23.8s		eLR	LR	22 39 02.6	
PPT2	comp-Z,5um,28.0s		eLR	LR	22 39 04.3	
PPT	Papeete	25.23 79	P	P	22 32 57.9	+2.8
PPT	comp-Z,1.32nm,1.1s,baz=252,slo=34		LR	LR	22 41 59.9	
PPTF	Pamatai, Papee	25.24 79	P	P	22 32 53.7	-1.5
PPTF	Pamatai, Papee	25.24 79	IAMB	IAMB	22 32 58.8	
PYZ	Puysegur Point	25.89 209	IAMS_20	IAMS_20	22 43 16.7	
HNR	Honiara	27.69 299	P	P	22 33 15.5	-1.8
HNR	Honiara	27.69 299	P	P	22 33 20.1	+2.8
HNR	Honiara	27.69 299	LR	LR	22 42 35.1	
HNR	Honiara	27.69 299	P	P	22 33 15.5	-1.8
HNR	Honiara	27.69 299	Pmax	Pmax		
HNR	comp-Z,476nm,1.3s		MLR	MLR		
GCIS	Gold Coast 1 S	27.87 256	P	P	22 33 19.7	+0.9
TARA	Tarawa	28.00 335	P	IAMB	22 33 16.7	-3.3
TARA	Tarawa	28.00 335	P	IAMB	22 33 19.2	
AUWSH	Waveli State H	28.30 257	P	P	22 33 23.5	+0.9
ARMA	Armidale	29.59 251	P	P	22 33 34.6	+0.4
EIDS	Eidsvold	30.17 261	P	P	22 33 37.7	-1.6
EIDS	Eidsvold	30.17 261	P	P	22 33 37.8	-1.5
EIDS	Eidsvold	30.17 261	P	P	22 33 38.6	-0.7
MGCD	Mangrove Creek	30.31 246	P	P	22 33 40.0	+0.2
MGCD	Mangrove Creek	30.31 246	P	P	22 33 41.1	+0.7
RIV	Riverview	30.36 244	P	P	22 33 41.3	+0.4
SYDH	Sydney Hard Ro	30.69 245	P	P	22 33 44.4	+0.6
RKH15	Rockhampton Ha	30.95 265	P	P	22 33 45.5	0.5
AUHS	Ulladulla High	31.19 242	P	P	22 33 47.9	-0.2
CNB	Canberra Magn	32.07 242	P	P	22 33 56.0	+0.1
CNB	Canberra Magn	32.07 242	P	P	22 33 55.8	-0.2
CAN	Canberra	32.32 242	IAMS_20	IAMS_20	22 35 56.1	-1.7
CAN	Canberra	32.36 242	P	P	22 33 58.6	0.0
CAN	Canberra	32.36 242	P	P	22 33 58.3	-0.2
CAN	Canberra	32.36 242	P	P	22 33 56.8	-1.7
CAN	comp-Z,49nm,1.3s		Pmax	Pmax		
CAN	comp-Z,5um,18.0s		MLR	MLR		
CAN	comp-Z,33nm,1.5s		P	P	22 33 58.3	-0.2
CAN	Canberra	32.36 242	P	P	22 33 56.8	-1.7
CAN	comp-Z,5um,18.0s		MLR	MLR		
MILA	Mila	32.36 242	P	P	22 34 00.3	0.0
MILA	comp-Z,110nm,1.3s					

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MILA	Mila	32.57 239	P	P	22 33 59.9	-0.5
YNG	Young	32.70 244	P	P	22 34 01.4	-0.1
YNG	Young	32.70 244	P	P	22 34 01.1	-0.4
YNG	Young	32.73 253	P	P	22 34 02.7	+0.9
CMSA	Color Meteorol	34.74 250	P	P	22 34 17.5	-1.7
CMSA	Cobar Meteorol	34.74 250	P	P	22 34 18.3	-0.9
CTA	Townsville Har	35.20 271	P	P	22 34 22.2	-1.1
CTA	Charters Tower	35.48 269	P	P	22 34 24.3	-1.4
CTA	Charters Tower	35.48 269	LR	LR	22 34 23.9	-1.8
CTA	Charters Tower	35.48 269	LR	LR	22 47 38.2	
CTAO	comp-Z,295nm,18.7s,baz=110,slo=34					
CTAO	Charters Tower	35.48 269	P	IAMB	22 34 23.3	-2.2
CTAO	comp-Z,60nm,0.8s				22 34 25.6	
CTAO	Charters Tower	35.48 269	P	P	22 34 23.9	-1.8
CTAO	Charters Tower	35.48 269	P	P	22 34 23.6	-2.2
CTAO	comp-Z,60nm,0.9s			Pmax	MLR	
CTAO	comp-Z,4um,19.0s					
TOO	Toolangi	35.54 239	P	P	22 34 23.5	-2.6
TOO	Toolangi	35.54 239	P	P	22 34 25.2	-0.9
TOO	Toolangi	35.54 239	P	P	22 34 26.3	+0.2
TOO	Toolangi	35.54 239	P	P	22 34 23.5	-2.6
TOO	Toolangi	35.54 239	Pmax	Pmax		
QLP	Quilpie	36.19 258	P	P	22 34 30.6	-1.2
QLP	Quilpie	36.19 258	P	P	22 34 31.9	+0.2
GEXS	Geikie Univer	36.25 338	P	P	22 34 35.7	+0.7
BRAT	Ballarat	36.76 240	P	P	22 34 36.3	-0.1
RKT	Rikitea	37.12 96	eP	P	22 34 31.9	-7.8
RKT	comp-Z,2um,25.8s		eS	S	22 40 20.8	-4.4
RKT	comp-Z,3um,25.2s		eSS	SS	22 43 05.6	-2.4
RKT	comp-Z,3um,25.2s		eLR	LR	22 44 27.4	
TAOE	Nuku Hiva Isla	37.22 71	eP	P	22 34 36.1	-4.6
TAOE	comp-Z,19um,29.8s					
TAOE	comp-Z,169nm,21.8s		eS	S	22 40 25.0	-2.1
TAOE	comp-Z,900nm,24.5s		eSS	SnSn	22 43 01.4	-1.4
TAOE	comp-Z,871nm,25.6s		eLR	LR	22 44 32.3	
TAOE	comp-Z,2um,22.9s				22 34 43.9	-1.4
MTSU	Mount Surprise	37.76 272	P	P	22 34 44.2	-1.1
MTSU	comp-Z,91nm,0.9s					
STKA	Stevens Creek	38.24 249	P	P	22 34 47.0	-2.1
STKA	Stevens Creek	38.24 249	P	P	22 34 47.8	-1.3
STKA	Stevens Creek	38.24 249	P	P	22 34 49.6	+0.5
STKA	Stevens Creek	38.24 249	P	P	22 34 47.8	-1.5
STKA	comp-Z,4.4nm,0.7s,baz=91,slo=9.2,SNR=7.5		PcP	PcP	22 37 04.0	+0.7
STKA	comp-Z,9.2nm,1.0s,baz=102,slo=4.2,SNR=3.2		LR	LR	22 49 29.3	
ARPS	Mount Arapiles	38.31 241	P	P	22 34 48.9	-0.7
ARPS	comp-Z,35nm,0.9s					
ARPS	Mount Arapiles	38.31 241	P	P	22 34 48.1	-1.5
PMG	Port Moresby	38.49 286	IAMB	IAMB	22 34 49.1	-2.3
PMG	Port Moresby	38.49 286	IAMS_20	IAMS_20	22 49 44.8	
PMG	Port Moresby	38.49 286	P	P	22 34 49.6	-1.8
PMG	Port Moresby	38.49 286	P	P	22 34 49.7	-1.6
PMG	Port Moresby	38.49 286	LR	LR	22 47 48.3	
PMG	Port Moresby	38.49 286	eP	Pmax	22 34 49.2	-2.1
PMG	Port Moresby	38.49 286	Pmax	Pmax		
KAVG	Kavring	39.04 299	P	P	22 34 58.0	+2.0
INKA	Innaminka	39.17 256	P	P	22 34 57.4	+0.5
COEN	Coen	40.16 277	P	P	22 35 03.2	-2.1
COEN	Coen	40.16 277	P	P	22 35 03.2	-2.2
COEN	comp-Z,49nm,1.1s					

Table with columns: MAW, Mawson, comp-Z, 78.56, 199, P, P, 22 39 32.0 +2.0, 23 14 46.6, etc.

Table with columns: YBH, comp-Z, 211nm, 1.1s, baz=197, slow=5, 1, SNR=30, 23 10 41.9, etc.

Table with columns: P16K, Nushagak River, 84.48, 9, P, P, 22 40 01.2 +0.1, QIZ, Qiongzhong, 84.49, 294, P, P, 22 40 01.8 -0.4, etc.

BIG2	San Fabin de Slope Mountain	86.35	129	P	P	22 40 12.7 +1.3
O20K	baz=201	86.35	11	P	P	22 40 11.3 +0.7
N18K	Kilae Creek	86.38	10	P	P	22 40 11.6 +0.9
B18E	Bradley Lake S	86.38	12	P	P	22 40 12.1 +1.4
CNSH	ChangSha	86.44	303	P	P	22 40 12.4 +0.7
CNSH	comp=Z,84nm,1.3s			S	S	22 50 49.0 +1.9
CNSH	comp=Z,440nm,19.6s			LR	LR	
CNSH	comp=Z,460nm,22.4s			LR	LR	
CNSH	comp=Z,740nm,21.6s			LR	LR	
KULM	Kulim	86.49	277	P	P	22 40 12.1 -0.2
UBPT	Khong Chiam	86.50	288	P	P	22 40 12.6 +0.3
UBPT	comp=Z,60nm,1.0s			Iamb	Iamb	22 40 15.0
EPT	Khong Chiam	86.50	288	P	P	22 40 14.1 +1.9
EPT	El Paso	86.52	53	P	P	22 40 13.7 +1.5
EPT	comp=Z,89nm,1.4s			Iamb	Iamb	22 40 31.2
EPT	comp=Z,110nm,1.8s			IAMS_20	IAMS_20	23 15 46.8
WHN	Wuhan	86.57	306	P	P	22 40 13.1 +0.8
WHN	comp=Z,470nm,1.1s			S	S	22 50 41.7 +3.6
WHN	comp=Z,2um,4.6s			pmax	pmax	
WHN	comp=Z,4um,19.5s			LR	LR	
WHN	comp=Z,2um,16.1s			LR	LR	
WHN	comp=Z,3um,20.3s			LR	LR	
K13K	Kusiyak Mount	86.57	5	IAMS_20	IAMS_20	23 19 49.3
K13K	comp=Z,928nm,20.0s					
K13K	Kusiyak Mount	86.57	5	P	P	22 40 13.3 +1.7
L15K	Unqalag Mounta	86.62	7	P	P	22 40 13.3 +1.6
SNY	Shenyang	86.67	319	P	P	22 40 13.0 +0.5
SNY	comp=Z,59nm,0.9s			PP	PP	22 43 31.9 -3.2
SNY	comp=Z,410nm,18.9s			LR	LR	
SNY	comp=Z,460nm,18.2s			LR	LR	
SNY	comp=Z,940nm,17.3s			LR	LR	
N19K	Bonanza Creek	86.72	10	IAMS_20	IAMS_20	23 16 29.4
N19K	comp=Z,1um,20.8s					
N19K	Bonanza Creek	86.72	10	P	P	22 40 12.9 +0.5
CN2	Changchun	86.79	322	eP	eP	22 40 13.6 +0.6
CN2	comp=Z,140nm,1.2s			PP	PP	22 43 37.7 +1.6
CN2	comp=Z,180nm,16.0s			SKS	SKS	22 50 36.3 -2.6
CN2	comp=Z,110nm,16.0s			LR	LR	
M17K	Holitna River	86.84	9	IAMS_20	IAMS_20	23 16 56.5
M17K	comp=Z,1um,20.0s					
M17K	Holitna River	86.84	9	P	P	22 40 15.1 +2.2
L16K	Owhat River	86.88	8	IAMS_20	IAMS_20	23 16 58.5
L16K	comp=Z,908nm,19.0s					
L16K	Owhat River	86.88	8	P	P	22 40 14.8 +1.7
HAWA	Hanford	86.89	35	P	P	22 40 14.4 +1.0
BBB	Bella Bella	86.90	27	P	P	22 40 15.2 +1.8
BBB	comp=Z,22nm,1.0s,baz=194,slow=4.2,SNR=3.1			LR	LR	23 16 05.3
DUG	Dugway, Tooele	86.91	43	P	P	22 40 14.9 +1.0
DUG	comp=Z,797nm,18.0s			IAMS_20	IAMS_20	23 21 43.5
DUG	Dugway, Tooele	86.91	43	P	P	22 40 14.9 +1.0
DUG	comp=Z,40nm,1.7s			pmax	pmax	
DUG	comp=Z,800nm,18.0s			MLR	MLR	
BNX	BinXian	86.94	324	P	P	22 40 13.9 +0.2
BNX	comp=Z,160nm,1.0s			S	S	22 50 54.4 +4.2
BNX	comp=Z,490nm,18.4s			S	S	22 51 00.3 +1.4
BNX	comp=Z,420nm,19.5s			LR	LR	
BNX	comp=Z,800nm,19.8s			LR	LR	
SEW	Seward	86.97	13	P	P	22 40 14.3 +0.8
RPSI	Rantau Prapat	86.98	274	P	P	22 40 13.8 -0.9
RPSI	comp=Z,77nm,1.2s			Iamb	Iamb	22 40 18.5
RPSI	comp=Z,1um,18.0s			IAMS_20	IAMS_20	23 22 06.0
PSI	Prapat	87.02	274	P	P	22 40 15.5 +0.4
PSI	comp=Z,77nm,1.2s			pmax	pmax	
PSI	comp=Z,1um,18.0s			MLR	MLR	
Q23K	Middleton Isla	87.03	14	IAMS_20	IAMS_20	23 18 55.5
Q23K	comp=Z,1um,19.0s					
Q23K	Middleton Isla	87.03	14	P	P	22 40 15.2 +1.4
MID	Middleton Isla	87.03	14	IAMS_20	IAMS_20	23 18 55.5
MFID	Camas Ranch	87.03	39	P	P	22 40 15.3 +0.9
MFID	comp=Z,65nm,1.9s			Iamb	Iamb	22 40 30.7
KLR	Kul'dur	87.07	329	LR	LR	23 15 38.9
KLR	comp=Z,872nm,19.6s			LR	LR	22 40 15.1 +0.8
KLR	Kul'dur	87.07	329	eP	eP	22 40 15.1 +0.8
BMO	Blue Mountains	87.10	37	IAMS_20	IAMS_20	23 21 07.9
M18K	Stony River	87.16	9	P	P	22 40 15.6 +1.1
K15K	Wolf Creek Mou	87.22	7	P	P	22 40 16.6 +1.9
CAPN	Captain Cook N	87.26	12	IAMS_20	IAMS_20	23 12 15.5
CAPN	comp=Z,1um,20.8s					
CAPN	Captain Cook N	87.26	12	P	P	22 40 16.4 +1.5
Q22K	Cooper Landing	87.27	13	IAMS_20	IAMS_20	23 22 21.8
P23K	Montague Isian	87.31	14	P	P	22 40 16.1 +1.0
TXAR	Lajitas Array	87.39	56	P	P	22 40 17.7 +1.3
TXAR	comp=Z,16nm,1.1s,baz=213,slow=6.5,SNR=5.2			LR	LR	23 15 04.8
TXAR	comp=Z,644nm,18.1s,baz=234,slow=3.3			LR	LR	
Y22D	IRIS PASSCAL I	87.43	51	P	P	22 40 18.9 +2.3
L17K	Donlin	87.48	8	P	P	22 40 17.9 +2.2
N20K	Mount Spurr	87.47	11	P	P	22 40 16.4 +0.3
SPCR	Spurr Chakacha	87.47	11	P	P	22 40 16.3 +0.2
J14K	Nanvaranak Lak	87.47	6	IAMS_20	IAMS_20	23 19 46.1
J14K	comp=Z,938nm,20.0s					
J14K	Nanvaranak Lak	87.47	6	P	P	22 40 16.6 +1.0
CRAF	Craig	87.50	23	P	P	22 40 16.6 +0.5
TIA	Taian	87.58	312	P	P	22 40 18.0 +0.9
TIA	comp=Z,250nm,1.1s			S	S	22 50 50.5 -7.3
TIA	comp=Z,93nm,1.3s			pmax	pmax	

TIA	comp=Z,750nm,7.8s			LR	LR	
TIA	comp=Z,360nm,19.1s			LR	LR	
TIA	comp=Z,740nm,21.6s			LR	LR	
GSI	Gunungsitoli	87.63	272	P	P	22 40 17.7 -0.2
GSI	Gunungsitoli	87.63	272	P	P	22 40 18.5 +0.4
L18K	Granite Mounta	87.73	9	IAMS_20	IAMS_20	23 17 24.0
L18K	comp=Z,920nm,20.1s					
L18K	Granite Mounta	87.73	9	P	P	22 40 19.1 +2.0
M19K	Big River Lodg	87.77	10	IAMS_20	IAMS_20	23 23 11.1
M19K	comp=Z,910nm,18.0s					
M19K	Big River Lodg	87.77	10	P	P	22 40 18.1 +0.7
SPUT	South Promonto	87.78	42	P	P	22 40 19.4 +1.3
SPUT	comp=Z,63nm,1.5s			Iamb	Iamb	22 40 34.6
RC01	Rabbit Creek A	87.82	12	P	P	22 40 17.8 +0.2
RC01	Rabbit Creek A	87.82	12	P	P	22 40 18.6 +1.0
HVVU	Hansel Valley	87.86	42	P	P	22 40 19.1 +0.6
HVVU	comp=Z,30nm,1.3s			Iamb	Iamb	22 40 34.8
HVVU	Hansel Valley	87.86	42	P	P	22 40 19.1 +0.6
HVVU	comp=Z,30nm,1.3s			pmax	pmax	
HIN	Hinchinbrook I	87.86	14	IAMS_20	IAMS_20	23 19 08.5
HIN	comp=Z,1um,19.0s					
PWL	Port Wells	87.89	13	IAMS_20	IAMS_20	23 19 54.3
PWL	comp=Z,987nm,19.0s					
PWL	Port Wells	87.89	13	P	P	22 40 19.2 +1.2
KAIM	Kayak Island	87.92	15	P	P	22 40 19.8 +1.7
V35K	Ketchikan	87.93	23	P	P	22 40 19.2 +1.0
M20K	Styx River	87.95	10	P	P	22 40 17.9 -0.5
M20K	comp=Z,73nm,1.8s			Iamb	Iamb	22 40 35.6
M20K	Styx River	87.95	10	P	P	22 40 18.7 +0.4
M20K	comp=Z,1um,20.0s					
M20K	White Mountain	87.96	10	P	P	22 40 19.6 +1.3
L19K	Susitna One	87.98	12	P	P	22 40 18.7 +0.2
SUA	Susitna One	87.98	12	P	P	22 40 39.2
SUA	comp=Z,30nm,0.9s			IAMS_20	IAMS_20	23 12 48.6
SUA	Susitna One	87.98	12	P	P	22 40 19.4 +0.9
K17K	Iditarod	88.00	8	IAMS_20	IAMS_20	23 19 44.1
K17K	comp=Z,998nm,5.0s					
K17K	Iditarod	88.00	8	P	P	22 40 19.9 +1.5
U33K	Mesa Verde	88.01	22	P	P	22 40 20.4 +1.8
MVCO	Mesa Verde	88.02	47	P	P	22 40 19.9 +0.5
MVCO	comp=Z,34nm,1.6s			Iamb	Iamb	22 40 48.0
MVCO	Gambell	88.03	2	P	P	22 40 20.3 +1.8
MVCO	comp=Z,1um,19.0s					
MVCO	Gambell	88.03	2	P	P	22 40 20.3 +1.8
SIT	Sitka	88.03	21	P	P	22 40 20.3 +1.6
EYAK	Cordova Ski Ar	88.17	14	P	P	22 40 20.1 +0.9
EYAK	Cordova Ski Ar	88.17	14	P	P	22 40 20.4 +1.2
GLI	Glacier Island	88.17	14	IAMS_20	IAMS_20	23 19 48.6
GLI	comp=Z,1um,19.0s					
GLI	Glacier Island	88.17	14	P	P	22 40 20.3 +1.0
FID	Port Fidalgo	88.19	14	IAMS_20	IAMS_20	23 19 37.8
FID	comp=Z,1um,19.0s					
ANMO	Albuquerque	88.21	60	P	P	22 40 21.5 +1.1
ANMO	comp=Z,67nm,1.4s			Iamb	Iamb	22 40 39.5
ANMO	Albuquerque	88.21	60	P	P	22 40 22.8 +2.4
ANMO	comp=Z,19nm,1.1s,baz=220,slow=5.5,SNR=35			LR	LR	23 16 11.4
ANMO	Albuquerque	88.21	60	P	P	22 40 22.8 +2.4
ANMO	comp=Z,1um,18.0s,baz=236,slow=33			pmax	pmax	
ANMO	Albuquerque	88.21	60	P	P	22 40 22.8 +2.4
ANMO	comp=Z,20nm,1.4s					
MA2	Magadan	88.21	344	IAMS_20	IAMS_20	23 16 06.1
MA2	comp=Z,2um,20.0s					
MA2	Magadan	88.21	344	LR	LR	23 16 37.2
J16K	Anvik River	88.28	7	P	P	22 40 21.3 +1.5
SKT	Skwentna	88.32	11	P	P	22 40 19.7 -0.3
HMT	Hamilton	88.32	15	P	P	22 40 20.9 +0.8
HMT	comp=Z,117nm,1.8s			Iamb	Iamb	22 40 33.4
M22K	Willow	88.36	12	IAMS_20	IAMS_20	23 13 10.7
M22K	comp=Z,1um,22.0s					
M22K	Willow	88.36	12	P	P	22 40 21.1 +1.0
BGL0	Bering Glacier	88.36	16	P	P	22 40 21.5 +1.3
BGL0	comp=Z,2um,20.0s					
KNK	Knik Glacier	88.37	13	P	P	22 40 21.1 +0.9

8d 22h

Table with columns: Station Name, Frequency, Power, Direction, Date, Time, Azimuth, Elevation, SNR, and other technical parameters. Includes stations like HKT, HHC, I28M, etc.

2018 SEP

Table with columns: Station Name, Frequency, Power, Direction, Date, Time, Azimuth, Elevation, SNR, and other technical parameters. Includes stations like D23K, D23K, A19K, etc.

570

Table with columns: Station Name, Frequency, Power, Direction, Date, Time, Azimuth, Elevation, SNR, and other technical parameters. Includes stations like EROSD, YKA, ULN, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, etc. Includes stations like MAKZ, MAKS, MAKX, MAKY, MAKZ, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, etc. Includes stations like AKT, AKTY, AKTZ, AKTX, AKTY, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, etc. Includes stations like PICO, ROSA, RGN, GKP, SORM, etc.

Table with 4 columns: ID, Name, Time, Res. Includes entries for MT04, MT08, and JMA 08 22:38:43.4...

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for JWM Minabe, JAI Aioi, JTNC Tanabenahech, etc.

IDC 08 22:43:53.8 5.1 21.21S:69.75W, h0km, mb3.8/2, mblmp3.63, ML2.4/1, MS4.1/1, Error ellipse: s-maj=101.0km s-min=42.3km az=82.0

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for IPOC Station P, IPOC Station P, IPOC Station P, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for Humberstone, Humberstone, Humberstone, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for Diego Aracena, Diego Aracena, Diego Aracena, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for Huaiquique, Huaiquique, Huaiquique, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for Limon Verde, Limon Verde, Limon Verde, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for Chusmiza, Chusmiza, Chusmiza, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for IPOC Station P, IPOC Station P, IPOC Station P, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for IPOC Station P, IPOC Station P, IPOC Station P, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for IPOC Station P, IPOC Station P, IPOC Station P, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for IPOC Station P, IPOC Station P, IPOC Station P, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for MULA, DIDI, DIDIM, NISRO, NISRO, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for DDIM, DDIM, DDIM, KALYMON, KALYMON, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for DALY, DALY, DALY, GCAM, GCAM, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for CAME, CAME, CAME, CAEL, CAEL, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for KARP, KARP, KARP, KARP, KARP, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for AKHS, AKHS, AKHS, AKHS, AKHS, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for BRDR, BRDR, BRDR, BRDR, BRDR, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for USAK, USAK, USAK, USAK, USAK, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for ZKR, ZKR, ZKR, ZKR, ZKR, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for KZIL, KZIL, KZIL, KZIL, KZIL, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for IDI, IDI, IDI, IDI, IDI, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for HNTI, HNTI, HNTI, HNTI, HNTI, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for OFFR, OFFR, OFFR, OFFR, OFFR, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for YTR, YTR, YTR, YTR, YTR, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for YTR, YTR, YTR, YTR, YTR, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for ZFRI, ZFRI, ZFRI, ZFRI, ZFRI, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for PRRI, PRRI, PRRI, PRRI, PRRI, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for EIL, EIL, EIL, EIL, EIL, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for ESDC, ESDC, ESDC, ESDC, ESDC, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for MKAR, MKAR, MKAR, MKAR, MKAR, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for ZALV, ZALV, ZALV, ZALV, ZALV, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for SONMI, SONMI, SONMI, SONMI, SONMI, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for ESPR, ESPR, ESPR, ESPR, ESPR, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for PBDV, PBDV, PBDV, PBDV, PBDV, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for PVAQ, PVAQ, PVAQ, PVAQ, PVAQ, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for EMIN, EMIN, EMIN, EMIN, EMIN, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for MORF, MORF, MORF, MORF, MORF, etc.

Table with 4 columns: Code, Station Name, Az, Phase ID. Includes entries for PBEJ, PBEJ, PBEJ, PBEJ, PBEJ, etc.

Table with columns for station name, location, time, and status. Includes stations like CNB Canberra Magne, AUCDS Dubbo College, CAN Canberra, etc.

Table with columns for station name, location, time, and status. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns for station name, location, time, and status. Includes stations like MMRI Maumere, MMRI Maumere, MMRI Maumere, etc.

Table with columns: Station Name, Time, Status, Direction, and other details. Includes stations like Palmer Station, Bukit Timah Da, and various locations in the Pacific region.

Table with columns: Station Name, Time, Status, Direction, and other details. Includes stations like DL2, DL2, DL2, and various locations in the Pacific region.

Table with columns: Station Name, Time, Status, Direction, and other details. Includes stations like L14K, Kuka Creek, and various locations in the Pacific region.

Table with columns: ID, Name, Time, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like E21K Killik River, E22K Anaktuvuk Pass, I28M Miner Creek, etc.

Table with columns: ID, Name, Time, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like AAK Ala-Archa, AAK Ala-Archa, BOAV Boa Vista, etc.

Table with columns: ID, Name, Time, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like KBZ Khabaz, KBZ Khabaz, KIV Kislovodsk, etc.

PRAR	RASCA	149.49 324	↑P	PKIKP	00 25 17.9 -0.2	BRG	Berggiesshubel	152.03 341	ePKPpdf	PKPpdf	00 25 16.3 +0.3	BOVS	Bovan	154.29 322	↑P	PKIKP	00 25 27.9 -0.3
CSS	Mathiatis	149.56 327	↑P	PKPbc	00 25 17.8 -0.1	BRG	baz=23,slow=2.2		ePKPbc	PKIKP	00 25 23.4 +0.2	BCLA	Clavier	154.31 352	dPKP	PKPab	00 25 24.1 -0.4
GHR		149.59 321	↑P	PKIKP	00 25 18.7 +0.4	BRG	baz=23,slow=2.2		ePKPbc	PKIKP	00 25 23.4 +0.2	BMRD	Maredsous	154.49 353	dPKPbc	PKPbc	00 25 28.7 +0.4
NEGR	Negrea	149.61 319	↑P	PKPbc	00 25 18.9 +0.6	BRG	baz=23,slow=2.2		ePKPbc	pPKPab	00 27 24.2 -2.2	BMOA	Molln	154.56 337	fPKP	PKPab	00 25 40.0 -0.2
EKA	Eskaideleuir Ar	149.64 4	PKPbc	PKPbc	00 25 16.9 -0.4	BRG	CLZ	149.67 346	ePKPpdf	PKPpdf	00 25 16.4 +0.4	MOA	comp=Z,3.2nm,0.9s		iPKP	PKPab	00 25 18.7 -1.0
EKA	comp=N,7.1nm,0.4s,baz=349,slow=2.6,SNR=22			pPKPbc	00 27 14.1 +0.5	CLZ	lben=23,slow=2.2		ePKPbc	PKIKP	00 25 23.6 +0.3	MOA	comp=Z,7.8nm,1.3s		iPKP	PKPab	00 25 46.8 +1.1
TPGR	Topolog	149.64 318	↑P	PKPbc	00 25 17.6 -0.2	CLZ	IBBN	152.12 350	ePKPbc	pPKPab	00 27 24.3 -2.4	MOA	comp=Z,10nm,1.2s		iPKP	pPKPab	00 27 31.9 -5.1
SCHL	Schell	149.65 319	↑P	PKPbc	00 25 17.7 -1.0	IBBN	lben=23,slow=2.2		ePKPbc	PKIKP	00 25 23.5 +0.1	ARSA	comp=Z,6.9nm,1.1s	154.60 335	iPKP	PKPpdf	00 25 19.9 -0.7
ESK	Eskaideleuir	149.66 4	PKPbc	PKPbc	00 25 17.0 -0.4	IBBN	baz=23,slow=2.2		ePKPbc	PKPab	00 25 35.5 +0.5	ARSA	comp=Z,4.6nm,1.2s		iPKP	pPKPab	00 27 36.0 -1.2
IZVR	Izvoarele	149.67 319	↑P	PKPbc	00 25 18.1 +0.3	IBBN	baz=23,slow=2.2		ePKPbc	pPKPab	00 27 23.9 -2.9	DOU	comp=Z,3.6nm,1.0s	154.72 353	dPKP	PKPab	00 25 46.1 -0.1
SCHLR	Schela	149.67 319	↑P	PKPbc	00 25 16.4 -1.3	IBBN	baz=23,slow=2.2		ePKPbc	PKIKP	00 25 23.9 +0.5	BIOA	comp=Z,7.8nm,1.3s,SNR=5.1		ePKP	PKPab	00 25 48.5 +1.3
TUDR	Tudora	149.70 320	↑P	PKPpdf	00 25 15.1 +2.6	IBBN	baz=23,slow=2.2		ePKPbc	PKPbc	00 25 23.7 0.0	BIOA	comp=Z,4.3nm,0.5s		iPKP	pPKPab	00 27 32.9 -5.6
KWP	Kalwaria Pacia	149.72 330	ePKP	PKIKP	00 25 18.2 -0.3	IBBN	baz=23,slow=2.2		ePKPbc	PKIKP	00 25 23.9 +0.5	BIOA	comp=Z,6.9nm,1.1s	154.94 350	dPKP	PKPbc	00 25 30.5 +1.2
KWP	Kalwaria Pacia	149.72 330	ePKP	PKIKP	00 25 18.2 -0.3	PVCC	Panska Ves	152.15 340f	ePKP	PKIKP	00 25 23.7 0.0	WLF	Walferdange	154.94 350	dPKP	PKPbc	00 25 47.9 +0.7
MDUB	Mudurnu	149.73 308	PKPbc	PKPbc	00 25 18.4 +0.1	PVCC	Panska Ves	152.15 340	ePKP	PKIKP	00 25 23.7 0.0	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
COSR	Cosmesti PH	149.76 320	↑P	PKIKP	00 25 19.3 +0.7	DEV	Deva	152.20 324	↑P	PKIKP	00 25 23.7 0.0	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
TESR	Tescani	149.76 322	↑P	PKPbc	00 25 17.9 0.0	DEV	Deva	152.20 324	↑P	PKIKP	00 25 23.7 0.0	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
PANC	Panciu	149.85 321	↑P	PKIKP	00 25 18.9 +0.1	ELND	Elena	152.24 316	PKPpdf	PKPpdf	00 25 23.6 0.0	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
BUR08	Bucovina Ar. S	149.85 325	PKPbc	PKIKP	00 25 19.0 0.0	PSZ	Piszkesteto	152.24 330	↑P	PKIKP	00 25 24.2 +0.4	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
BURAR	Bucovina Array	149.86 325	PKPpdf	PKPbc	00 25 12.5 -0.3	PSZ	Piszkesteto	152.24 330	↑P	PKIKP	00 25 24.2 +0.4	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
BURAR	Bucovina Array	149.86 325	↑P	PKIKP	00 25 18.7 +0.4	PSZ	Piszkesteto	152.24 330	↑P	PKIKP	00 25 24.2 +0.4	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
BURAR	Bucovina Array	149.86 325	↑P	PKIKP	00 25 19.4 +0.4	PSZ	Piszkesteto	152.24 330	↑P	PKIKP	00 25 24.2 +0.4	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
BURAR	Bucovina Array	149.86 325	↑PKP2	PKIKP	00 25 19.4 +0.4	VYHS	Vyhne	152.26 332	ePKIKP	PKPpdf	00 25 16.7 +0.3	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
QDBI	Odobesti	149.96 320	↑P	PKIKP	00 25 19.7 +0.7	VYHS	Vyhne	152.26 332	ePKIKP	PKPpdf	00 25 16.7 +0.3	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
MFR	Murfatia	149.99 317	↑P	PKIKP	00 25 19.7 +0.5	VYHS	Vyhne	152.26 332	ePKIKP	PKPpdf	00 25 16.7 +0.3	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
ONER	Onara Vefesa Uz	150.01 322	↑P	PKIKP	00 25 19.7 +0.3	VYHS	Vyhne	152.26 332	ePKIKP	PKPpdf	00 25 16.7 +0.3	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
HARR	Harsova	150.03 318	↑P	PKIKP	00 25 19.5 +0.3	VYHS	Vyhne	152.26 332	ePKIKP	PKPpdf	00 25 16.7 +0.3	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
VRI	Vrincioia	150.09 321	↑P	PKPbc	00 25 19.1 +0.3	VYHS	Vyhne	152.26 332	ePKIKP	PKPpdf	00 25 16.7 +0.3	WLF	Walferdange	154.94 350	ePKPbc	PKPbc	00 25 30.4 +1.2
BSEG	Bad Segeberg	150.10 348	ePKPbc	PKIKP	00 25 18.9 -0.2	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
CVDA	Cernavoda	150.15 317	↑P	PKIKP	00 25 20.1 +0.6	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
PLOR	Plostina	150.15 321	↑P	PKPbc	00 25 18.6 -0.3	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
PLOR	Plostina	150.15 321	↑PKIKP	PKPbc	00 25 18.6 -0.3	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
HLG	Holgoland	150.28 351	ePKPab	PKPab	00 25 28.3 +1.1	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
COVR	Voineasa-Covas	150.40 321	↑P	PKPbc	00 25 19.4 -0.2	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.32 344	ePKPbc	PKIKP	00 25 23.8 0.0	RJOB	Jochberg	155.15 339	ePKPab	PKPab	00 25 49.2 +1.0
KOLS	Kolonicke sedl	150.42 329	ePKIKP	PKIKP	00 25 20.7 +0.7	NEUB	Neuenburg	152.									

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

SOME 09 00:06:48.7, 39°27'N, 72°53'E, h10km
IDC 09 00:06:50.5, 1.6, 39°30'N, 72°40'E, h0km, mb3.8/5,
mbmp3.8/11, ML3.2/6, MS3.1/2, Error ellipse:
s-maj=26.2km s-min=14.9km az=144.0

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK, AAK, KBK, KBK, FRU1, etc.

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

ATH 09 00:22:31.9, 38°37'N, 22°37'E, h10km, 4km, ML1.3/5, Error
ellipse: s-maj=4.7km s-min=0.9km az=16.0, Greece

RAR	Rarotonga	19.08 83	P	P	01 15 38.5 -0.7
OXZ	Oxford	19.41 197	P	P	01 15 41.9 -0.1
LHI	Lord Howe Isla	19.46 246	P	P	01 15 44.7 +2.1
MOZ	McQueen's Vail	19.60 196	I	I	01 15 42.7 -1.0
RPZ	Rata Peaks	20.04 199	P	P	01 15 47.3 -0.5
RPZ	Rata Peaks	20.04 199	P	P	01 15 46.7 -1.1
FOZ	Fox Glacier	20.27 72	P	P	01 15 56.2 +0.4
GC1S	Gold Coast 1 S	23.79 257	P	P	01 16 23.2 +1.5
AUWSH	Waveli State H	24.20 258	P	P	01 16 26.7 +1.3
HRM	Honiara	24.40 306	P	P	01 16 26.8 -1.2
ARMA	Armidale	25.57 251	P	P	01 16 39.2 +1.6
EIDS	Eidsvold	26.05 263	P	P	01 16 42.8 +0.9
MCGCD	Mangrove Creek	26.09 245	P	P	01 16 46.2 +1.5
CYDH	Sydney Hard Ro	26.80 244	P	P	01 16 49.8 +1.5
SAAN	Canberra	26.53 242	I	I	01 17 04.7 +1.2
AULRC	Lightning Ridg	28.67 254	P	P	01 17 06.3 +1.5
YNG	Young	28.81 244	P	P	01 17 06.9 +0.9
PPT	Papeete	29.35 81	P	P	01 17 10.4 -0.4
CMSA	Cobar Meteorol	30.74 250	P	P	01 17 23.2 +0.5
CTAO	Charters Tower	31.39 272	P	P	01 17 29.2 +0.7
CTAO	Charters Tower	31.39 272	P	P	01 17 32.9 +0.5
TOO	Toolangi	31.79 238	P	P	01 17 32.5 +0.8
MTSU	Mount Surprise	33.70 275	P	P	01 17 48.8 +0.6
RABL	Rabaul	37.23 303	P	P	01 17 48.2 -0.1
STKA	Stephens Creek	34.24 250	P	P	01 17 53.0 +0.5
STKA	Stephens Creek	34.24 250	P	P	01 17 53.1 +0.5
STKA	Stephens Creek	34.24 250	P	P	01 17 52.5 -0.1
XMAS	Kiritimati	39.71 431	P	P	01 17 56.4 -0.2
PMG	Port Moresby	34.76 291	P	P	01 17 57.0 -0.1
PMG	Port Moresby	34.76 291	P	P	01 17 57.1 -0.1
PMG	Port Moresby	34.76 291	P	P	01 17 57.0 -0.1
INKA	Innaminka	36.20 257	P	P	01 18 00.6 +1.2
COEN	Coen	36.20 281	P	P	01 18 09.9 +0.9
COEN	Coen	36.20 281	P	P	01 18 09.6 +0.5
HTT	Hallett	36.55 247	P	P	01 18 11.8 0.0
LCRK	Leigh Creek	37.14 252	P	P	01 18 16.6 -0.1
QIS	Quila	37.31 268	P	P	01 18 18.0 -0.2
WHYH	Whyalla	38.20 291	P	P	01 18 20.7 -0.2
PATS	Pohnpei	37.96 324	P	P	01 18 22.9 -0.7
MANU	Manus Island	38.77 301	P	P	01 18 29.8 -0.4
BBOO	Buckleboo	38.94 248	P	P	01 18 30.7 -0.6
OOD	Oodnadatta	39.54 256	P	P	01 18 36.9 +0.7
MULG	Mulgathing	40.74 252	P	P	01 18 45.3 -0.5
TAOE	Taku Hiva Isla	41.27 274	P	P	01 18 50.8 +0.4
AS01	Alice Springs	41.77 262	P	P	01 18 53.7 -0.2
AS31	Alice Springs	41.77 262	P	P	01 18 54.0 -0.2
ASAR	Alice Springs	41.77 262	P	P	01 18 54.2 0.0
ASAR	Alice Springs	41.77 262	P	P	01 18 54.0 -0.3
ASAR	Alice Springs	41.77 262	P	P	01 20 24.8 +1.0
ASAR	Alice Springs	41.77 262	P	P	01 23 42.5 +0.9
ASAR	Alice Springs	41.77 262	P	P	01 24 33.5 -1.7
WR0	Warramunga Arr	42.24 267	P	P	01 18 55.9 -0.6
WB2	Warramunga Arr	42.23 267	P	P	01 18 57.2 -0.6
WRAB	Tennant Creek	42.23 267	P	P	01 18 57.3 -0.6
WRA	Warramunga Arr	42.24 267	P	P	01 18 57.5 -0.5
WRA	Warramunga Arr	42.24 267	P	P	01 18 57.2 -0.8
WRA	Warramunga Arr	42.24 267	P	P	01 23 43.3 -0.2
COEN	Coen	36.20 281	P	P	01 24 39.1 -2.9
GENI	Genyem	44.25 294	P	P	01 19 13.2 -0.5
FORT	Forrest	45.85 251	P	P	01 19 24.8 -1.0
FORT	Forrest	45.85 251	P	P	01 19 24.8 -1.0
KDU	Kakadu	46.29 276	P	P	01 19 28.5 -0.7
WRKA	Warakuta	46.51 258	P	P	01 19 30.1 -0.9
MTN	Manton Dam	47.44 275	P	P	01 19 37.1 -1.0
KNRA	Kununurra	48.59 271	P	P	01 19 46.7 +0.1
MLH	Mauna Loa	50.33 313	P	P	01 20 00.3 +0.4
FITZ	Fitzroy Crossi	50.65 267	P	P	01 20 01.8 -0.1
FITZ	Fitzroy Crossi	50.65 267	P	P	01 20 01.7 -0.1
MHA	Mahukoua	50.69 30	P	P	01 20 02.7 +0.7
FAKI	Fak Fak	50.80 288	P	P	01 20 01.8 -1.2
DHH	Diamond Head	50.82 27	P	P	01 20 02.4 -0.5
KIP	Kipapa	50.87 27	P	P	01 20 02.5 -0.7
KLBR	Kellerberrin	54.97 248	P	P	01 20 28.6 -0.6
SOEI	Soe	54.84 276	P	P	01 20 31.6 -0.4
SOEI	Soe	54.84 276	P	P	01 20 31.6 -0.4
PSA00	Pilbara Seismi	54.88 260	P	P	01 20 31.2 -0.9
MORW	Morawa	56.42 251	P	P	01 20 32.8 -0.9
MORW	Morawa	56.42 251	P	P	01 20 42.2 -0.5
MORW	Morawa	56.42 251	P	P	01 20 42.8
MORW	Morawa	56.42 251	P	P	01 20 42.2 -0.5
SANI	Sanana	56.68 285	P	P	01 20 43.9 -0.8
MMRI	Maumere	57.12 276	P	P	01 20 47.5 -0.3
CASY	Casey	59.10 206	P	P	01 21 00.1 -0.2
TOLL2	Toiltoit	62.75 285	P	P	01 21 21.3 -0.9
TOLL2	Toiltoit	62.75 285	P	P	01 21 26.4
TOLL2	Toiltoit	62.75 285	P	P	01 21 24.2 -1.1
JAGI	Jajag, Banyuwa	64.51 272	P	P	01 21 35.4 -1.1
QSPA	South Pole Qui	65.11 180	P	P	01 21 40.0 +0.3
QSPA	South Pole Qui	65.11 180	P	P	01 21 41.0
QSPA	South Pole Qui	65.11 180	P	P	01 21 40.0 +0.3
JOW	Kunigami	71.64 312	P	P	01 22 19.7 0.0
MJAR	Matsushiro Arr	72.72 326	P	P	01 22 26.1 +0.2
SMAI	San Martin Ant	75.14 159	P	P	01 22 40.4 +1.4
MAW	Mawson	76.71 201	P	P	01 22 48.2 +0.4
PETK	Petroflovsk	80.12 347	P	P	01 23 06.2 0.0
NJ2	Nanjing	81.29 311	eP	P	01 23 15.2 +2.5
ELIB	Princess Elisa	81.99 187	dP	P	01 23 15.3 -0.6
TROLL	Troll, Antarti	83.26 181	lP	P	01 23 22.1 -0.2
TROLL	Troll, Antarti	83.26 181	lP	P	01 25 13.3 -1.2
KMPM	Mount Pierce	83.32 40	P	P	01 23 24.4 +1.5
ESJX	Sierra Juarez	83.42 50	P	P	01 23 25.7 +1.9
SLBS	Sierra La Lagu	83.42 60	P	P	01 23 25.2 +1.4
KMRM	Mail Ridge	83.43 40	P	P	01 23 25.9 +2.4
KMRM	Mail Ridge	83.43 40	P	P	01 23 27.7

GSI	Giungstotoli	83.58 274	P	P	01 23 25.2 +0.5
SNAAS	Sanae	83.60 179	P	P	01 23 23.6 -0.3
SNAAS	Sanae	83.60 179	P	P	01 23 23.2 -0.7
SNAAS	Sanae	83.60 179	P	P	01 23 23.2 -0.7
YUH	Yuha Desert	83.80 50	P	P	01 23 26.9 +1.5
YUH	Yuha Desert	83.80 50	P	P	01 23 27.8
VNA3	Neumayer Olymp	83.81 177	lP	P	01 23 24.4 -0.5
VNA3	Neumayer Olymp	83.81 177	lP	P	01 25 15.3 +2.0
ISA	Isabella, Lake	83.84 46	P	P	01 23 26.9 +1.3
ISA	Isabella, Lake	83.84 46	P	P	01 23 27.9
KHMM	Horse Mountain	83.84 39	P	P	01 23 27.5 +1.9
KHMM	Horse Mountain	83.84 39	P	P	01 23 28.2
KRPM	Rodgers	83.86 39	P	P	01 23 27.3 +1.7
KRPM	Rodgers	83.86 39	P	P	01 23 28.9
O02D	Neumayer-Watz	83.94 40	P	P	01 23 27.8 +1.8
PFB	Pinyon Flats O	83.98 49	P	P	01 23 26.8 +0.3
CMB	Columbia Colle	84.05 43	P	P	01 23 26.8 +0.3
VNA2	Neumayer-Watz	84.23 178	lP	P	01 23 26.6 -0.3
AFDM	Forest Hills D	84.25 42	P	P	01 23 28.6 +1.0
ORV	Oroville	84.31 42	P	P	01 23 28.3 +0.5
ORV	Oroville	84.31 42	P	P	01 23 29.7
KSXB	Camp Six Broad	84.38 39	P	P	01 23 29.7 +1.5
KSXB	Camp Six Broad	84.38 39	P	P	01 23 30.9
VNA1	Neumayer-Stat	84.47 177	lP	P	01 23 27.2 -0.9
OMMB	Old Mammoth Mt	84.66 44	P	P	01 23 30.7 +0.7
PLK4	Pink Lake	84.67 13	P	P	01 23 29.6 +0.3
GSC	Goldstone, Bar	84.73 47	P	P	01 23 29.4 -0.4
GSC	Goldstone, Bar	84.73 47	P	P	01 23 32.0
L02A	Cave Junction	84.74 39	P	P	01 23 30.7 +0.9
GLA	Glamis	84.79 50	P	P	01 23 31.5 +1.1
SRIT	Nakonsritamar	84.89 282	P	P	01 23 31.5 +0.5
SRIT	Nakonsritamar	84.89 282	P	P	01 23 49.6
TIA	Tai'an	84.90 314	P	P	01 23 31.2 +0.5
LRDM	Redding Peak	84.91 41	P	P	01 23 32.0 +1.2
LRDM	Redding Peak	84.91 41	P	P	01 23 33.8
WAKR	Walker	84.93 43	P	P	01 23 32.0 +0.9
WAKR	Walker	84.93 43	P	P	01 23 33.4
YBH	Yreka Blue Hor	84.98 39	P	P	01 23 32.5 +1.4
K02D	Williamette Me	85.06 38	P	P	01 23 32.5 +1.0
HATC	Hat Creek Radi	85.13 41	P	P	01 23 32.3 +0.4
HATC	Hat Creek Radi	85.13 41	P	P	01 23 34.1
PNTR	Pine Nut	85.18 43	P	P	01 23 34.1 +1.7
PNTR	Pine Nut	85.18 43	P	P	01 23 34.3
113A	Mohawk Valley	85.38 51	P	P	01 23 34.3 +1.2
113A	Mohawk Valley	85.38 51	P	P	01 23 35.7
BLYC	Blythe	85.39 50	P	P	01 23 34.5 +1.3
BLYC	Blythe	85.39 50	P	P	01 23 35.7
HUMO	Hull Mountain	85.40 38	P	P	01 23 34.7 +1.7
HUMO	Hull Mountain	85.40 38	P	P	01 23 35.3
HSIG	High Island	85.41 55	P	P	01 23 35.6
LL02	Futaleuf	85.51 36	P	P	01 23 35.2 +1.4
LL02	Futaleuf	85.51 36	P	P	01 23 35.9
DBO	Dodson Butte	85.57 38	P	P	01 23 34.4 +0.5
DBO	Dodson Butte	85.57 38	P	P	01 23 36.5
NVAR	Mina Array Bea	85.59 44	P	P	01 23 35.0 +0.7
NVAR	Mina Array Bea	85.59 44	P	P	01 23 34.8 +0.5
TPNV	Topopah Spring	86.05 46	P	P	01 23 37.3 +0.8
TPNV	Topopah Spring	86.05 46	P	P	01 23 38.4
K04D	Kaiserwille	86.09 44	P	P	01 23 37.8
K04D	Kaiserwille	86.09 44	P	P	01 23 37.5 +1.0
LL03	Petrohue	86.18 134	P	P	01 23 37.3 +0.3
LL04	Puerto Octay	86.29 134	P	P	01 23 38.3 +0.8
LL04	Puerto Octay	86.29 134	P	P	01 23 39.5
N15K	Kwethluk River	86.41 10	P	P	01 23 37.8 +0.4
N15K	Kwethluk River	86.41 10	P	P	01 23 39.1
BUCK	Buck Mountain	86.41 37	P	P	01 23 38.7 +0.8
BUCK	Buck Mountain	86.41 37	P	P	01 23 39.9
I04A	Tendick Farm,	86.47 38	P	P	01 23 38.8 +0.6
I04A	Tendick Farm,	86.47 38	P	P	01 23 39.4
SHPR	Sheep Range	86.51 47	P	P	01 23 39.2 +0.5
SHPR	Sheep Range	86.51 47	P	P	01 23 38.3
Y14A	Wickenburg	86.55 50	P	P	01 23 39.0 +0.2
W13A	Hualapai Mount	86.58 49	P	P	01 23 39.5 +0.4
H04D	Hoad	86.76 37	P	P	01 23 40.7 +1.3
H04D	Hoad	86.76 37	P	P	01 23 41.3
J05D	Fort Rock, OR	86.81 39	P	P	01 23 41.3 +1.4
PRN	Pahroc Range	87.09 46	P	P	01 23 43.9
TUC	Tucson	87.25 52	P	P	01 23 44.6 +2.4
TUC	Tucson	87.25 52	P	P	01 23 45.2
O19K	Port Alsworth	87.45 13	P	P	01 23 41.6 -0.6
BMN	Battle Mount	87.45 43	P	P	01 23 44.4
CNPM	China Pool	87.49 14	P	P	01 23 41.9 -0.6
CNPM	China Pool	87.49 14	P	P	01 23 43.6
PLCA	Paso Flores	87.59 134	P	P	01 23 44.8 +1.0
WVOR	Wild Horse Val	87.79 41	P	P	01 23 46.6
X16A	Lo Mia Camp, P	87.90 50	P	P	01 23 46.1 +0.8
X16A	Lo Mia Camp, P	87.90 50	P	P	01 23 48.0
N19K	Bonanza Creek	87.99 12	P	P	01 23 44.6
K15K	Wolf Creek Mou	88.23 9	P	P	01 23 47.5
KNB	Kanab	88.38 48	P	P	01 23 50.5
G06A	Carlson Farm	88.38 38	P	P	01 23 49.0
HPIG	Higgins	88.39 59	P	P	01 23 49.6
U15A	North Rim	88.39 48	P	P	01 23 48.5 +0.9
U15A	North Rim	88.39 48			

RIGZ	Rimuhau	6.58 194	P	Pn	01 54 33.4 +2.2
RIGZ	MURUPARA	6.62 201	P	S	01 55 50.3 -0.1
MUGZ	MURUPARA	6.62 201	P	S	01 54 34.3 +2.7
MUGZ	MURUPARA	6.62 201	P	S	01 55 51.3 +0.3
RTZ	Ruatahunu	6.68 199	P	Pn	01 54 34.4 +1.9
RTZ	Ruatahunu	6.68 199	P	Pn	01 54 34.2 +1.8
RNZ	Shannon Station	6.75 196	P	S	01 55 50.3 -2.3
SNZ	Shannon Station	6.75 196	P	S	01 54 33.7 +0.5
SNZ	Shannon Station	6.75 196	P	S	01 55 53.3 -0.6
ALRZ	Allen Road	6.83 203	P	Pn	01 54 37.2 +3.1
ALRZ	Allen Road	6.83 203	P	Pn	01 55 56.6 +1.0
KNZ	Kokohu	6.90 194	P	S	01 54 34.4 +0.4
KNZ	Kokohu	6.90 194	P	S	01 55 53.9 -3.3
MHGZ	Mahia Peninsula	6.99 192	P	S	01 54 40.3 +4.4
MHGZ	Mahia Peninsula	6.99 192	P	S	01 55 59.7 +0.7
MRHZ	Matea Rd	7.05 202	P	Pn	01 54 39.1 +2.3
MRHZ	Matea Rd	7.05 202	P	Pn	01 55 58.2 +0.8
NMHZ	Naumai	7.18 199	P	Pn	01 54 38.7 +0.4
NMHZ	Naumai	7.18 199	P	Pn	01 56 02.6 -0.7
BKZ	Black Stump Fm	7.33 200	Pn	Pn	01 54 42.4 +2.4
BKZ	Black Stump Fm	7.33 200	Pn	Pn	01 54 42.6 +2.5
HKZ	Hauti	7.36 212	Pn	Pn	01 54 43.0 +2.6
HZ	Hauti	7.36 212	Pn	Pn	01 54 47.1 +6.7
OTVZ	Oturere	7.60 205	P	S	01 54 43.7 +0.4
OTVZ	Oturere	7.60 205	P	S	01 56 12.0 -0.5
WNVZ	Wahianoa	7.77 205	P	S	01 54 45.3 0.0
WNVZ	Wahianoa	7.77 205	P	S	01 56 14.6 -1.5
KRHZ	Kereri	7.81 200	P	S	01 54 48.9 -0.9
KRHZ	Kereri	7.81 200	P	S	01 56 14.2 -2.7
PNHZ	Pukenui	8.11 200	P	S	01 54 49.9 -0.3
PNHZ	Pukenui	8.11 200	P	S	01 56 20.6 -2.8
TSZ	Takapari Road	8.31 201	P	S	01 54 51.5 -0.1
TSZ	Takapari Road	8.31 201	P	S	01 56 24.7 -3.0
KAHZ	Kahui Hut	8.38 212	P	S	01 54 58.2 +3.2
POWZ	Post Office R	8.68 201	P	Pn	01 54 56.9 +1.0
POWZ	Post Office R	8.68 201	P	Pn	01 56 29.3 -6.3
PRWZ	Poriri Road	8.77 199	P	S	01 54 58.2 +1.2
PRWZ	Poriri Road	8.77 199	P	S	01 56 30.7 -6.9
BFZ	Birch Farm	8.81 198	P	S	01 54 57.6 0.0
BFZ	Birch Farm	8.81 198	P	S	01 56 58.2 +0.8
MRZ	Mangatainoka R	8.98 201	Pn	Pn	01 56 34.1 +4.5
MRZ	Mangatainoka R	8.98 201	Pn	Pn	01 54 59.4 -0.1
MRZ	Mangatainoka R	8.98 201	Pn	Pn	01 54 57.9 -1.6
TRWZ	Tintock	9.00 199	P	S	01 56 37.5 -4.7
TRWZ	Tintock	9.00 199	P	S	01 55 01.1 -0.9
TRWZ	Tintock	9.00 199	P	S	01 56 24.2 -2.5
HOWZ	Howdsworth Sta	9.22 200	Pn	Pn	01 55 00.8 -1.6
OGWZ	Otagi Gorge	9.25 202	P	Pn	01 55 01.2 -1.5
TMWZ	Te Maipa	9.31 198	P	Pn	01 55 04.4 +1.0
KIWZ	Kapiti Island	9.38 203	P	Pn	01 55 04.2 0.0
MTWZ	Mount Misericord	9.46 205	P	Pn	01 54 55.0 +2.2
CAWZ	Cannon Point	9.53 202	P	S	01 55 05.5 -0.7
CAWZ	Cannon Point	9.53 202	P	S	01 56 50.4 -4.3
TRWZ	Traveller	9.63 199	P	S	01 55 08.4 -0.7
TRWZ	Traveller	9.63 199	P	S	01 56 53.1 -3.5
PAWZ	Paruawai Farm	9.69 200	P	Pn	01 55 08.1 +0.1
PAWZ	Paruawai Farm	9.69 200	P	Pn	01 56 52.4 +5.5
MSWZ	Moikau Station	9.77 200	Pn	Pn	01 55 09.0 +0.1
MSWZ	Moikau Station	9.77 200	Pn	Pn	01 55 08.8 -0.1
MSWZ	Moikau Station	9.77 200	Pn	Pn	01 56 53.5 -6.2
WELZ	Wellington	9.80 203	P	S	01 55 09.1 +0.2
WELZ	Wellington	9.80 203	P	S	01 56 56.1 -4.3
SNZO	South Karori	9.85 203	P	Pn	01 55 10.5 +0.7
BHWZ	Baring Head	9.88 202	P	Pn	01 55 10.2 +0.1
BHWZ	Baring Head	9.88 202	P	Pn	01 55 10.3 +0.1
BHWZ	Baring Head	9.88 202	P	Pn	01 56 57.7 -4.3
TCWZ	Tory Channel	9.90 205	P	Pn	01 55 10.1 -0.4
TCWZ	Tory Channel	9.90 205	P	Pn	01 56 57.6 -5.0
TCWZ	Tory Channel	9.90 205	P	Pn	01 56 57.6 -5.0
PLWZ	Palliser	9.91 200	Pn	Pn	01 55 10.5 -0.2
PLWZ	Palliser	9.91 200	Pn	Pn	01 55 10.8 +0.2
PLWZ	Palliser	9.91 200	Pn	Pn	01 56 58.3 -4.6
TUWZ	Tuamarina	10.22 205	P	S	01 55 13.7 -0.5
TUWZ	Tuamarina	10.22 205	P	S	01 56 59.2 -4.2
TUWZ	Tuamarina	10.22 205	P	S	01 57 05.1 -4.3
NCNZ	Nelson	10.25 208	Pn	Pn	01 55 14.2 -0.4
TKNZ	Takaka Hill	10.27 210	Pn	Pn	01 55 14.6 -0.3
QRZ	Quartz Range	10.29 212	Pn	Pn	01 55 15.1 0.0
QRZ	Quartz Range	10.29 212	Pn	Pn	01 55 14.6 -0.5
QRZ	Quartz Range	10.29 212	Pn	Pn	01 57 17.0 +2.2
CMWZ	Cape Campbell	10.40 204	S	S	01 57 11.7 -1.8
BSWZ	Blackbirch Sta	10.49 205	Pn	Pn	01 55 17.7 +0.2
BSWZ	Blackbirch Sta	10.49 205	Pn	Pn	01 55 17.6 +0.1
BSWZ	Blackbirch Sta	10.49 205	Pn	Pn	01 57 11.4 -0.4
SNWZ	Snodgrass	10.66 210	Pn	Pn	01 55 19.3 -2.3
THZ	Topohouse	10.90 208	Pn	Pn	01 55 22.1 -0.3
THZ	Topohouse	10.90 208	Pn	Pn	01 55 22.1 -0.3
THZ	Topohouse	10.90 208	Pn	Pn	01 57 20.0 -4.6
KHZ	Kahutara	11.23 204	Pn	Pn	01 55 25.5 +0.7
KHZ	Kahutara	11.23 204	Pn	Pn	01 55 26.3 +0.1
KHZ	Kahutara	11.23 204	Pn	Pn	01 55 25.7 +0.5
KHZ	Kahutara	11.23 204	Pn	Pn	01 57 26.9 -4.8
DSZ	Denniston Nort	11.25 212	Pn	Pn	01 55 26.8 -1.0
GVZ	Greta Valley S	11.89 205	P	Pn	01 55 34.4 +0.3
GVZ	Greta Valley S	11.89 205	P	Pn	01 55 33.8 -0.2
GVZ	Greta Valley S	11.89 205	P	Pn	01 57 40.0 -6.3
LTZ	Lake Taylor	12.01 207	P	S	01 55 35.5 -0.4
AMCZ	Amberley	12.21 205	P	Pn	01 55 37.3 -0.3
AMCZ	Amberley	12.21 205	P	Pn	01 55 37.8 0.0
AMCZ	Amberley	12.21 205	P	Pn	01 57 47.3 -5.8
INZ	Inchbonnie	12.30 210	P	P	01 55 37.7 -0.9
OXZ	Oxford	12.55 207	P	P	01 55 40.7 -0.6
MOZ	McQueen's Vall	12.67 204	P	P	01 55 42.0 -0.6
AKCZ	Akaroa Harbour	12.73 203	P	S	01 55 44.6 +0.6
AKCZ	Akaroa Harbour	12.73 203	P	S	01 58 00.1 -3.7
RPZ	Rata Peaks	13.28 209	P	P	01 55 48.7 -0.7
RPZ	Rata Peaks	13.28 209	P	P	01 55 50.7 +0.2
RPZ	Rata Peaks	13.28 209	P	P	01 55 50.3 -0.3
RPZ	Rata Peaks	13.28 209	P	P	01 58 09.5 -5.4
RPZ	Rata Peaks	13.28 209	P	P	01 58 09.5 -5.4
FOZ	Fox Glacier	13.65 212	P	P	01 55 53.8 +0.2
LBZ	Lake Benmore	14.19 209	P	P	01 55 59.6 +0.2
JCZ	Jackson Bay	14.55 213	P	Pn	01 56 04.6 -0.8
ODZ	Otago Downs	14.55 207	P	Pn	01 56 04.8 -0.5
PINCZ	Pines Island,	14.57 308	P	P	01 56 03.9 0.0
MSVZ	Nonsavu	14.60 304	P	P	01 56 02.2 -2.1
MSVZ	Nonsavu	14.60 304	P	P	01 56 02.2 -2.1
WZKZ	Wanaka	15.62 211	P	Pn	01 56 10.3 -0.6
DZM	Mont Dzumac	15.64 307	P	Iamb	01 56 16.7 -1.3
DZM	Mont Dzumac	15.64 307	P	Iamb	01 56 21.4
DZM	Mont Dzumac	15.64 307	P	Iamb	01 56 15.2 -0.2
DCZ	Deep Cove	16.16 213	P	Iamb	01 56 24.8 -1.5
DCZ	Deep Cove	16.16 213	P	Iamb	01 56 29.0
STKZ	Stephens Creek	32.22 260	P	P	01 58 51.5 +0.8
ASAR	Alice Springs	41.14 270	P	P	02 00 05.5 +0.2
ASAR	Alice Springs	41.14 270	P	P	02 00 05.5 +0.2
WRA	Warramunga Arr	42.31 275	P	P	02 00 14.4 -0.3
WRA	Warramunga Arr	42.31 275	P	P	02 00 14.4 -0.3
GSPA	South Pole Qui	57.80 180	P	P	02 02 12.8 +3.4
GSPA	South Pole Qui	57.80 180	P	P	02 02 12.5 +3.1
TROLL	Troll, Antarti	75.95 181	IP	P	02 04 03.0 +0.5
SNAZ	Sanaz	76.29 179	IP	P	02 04 04.5 +0.1
SNAZ	Sanaz	76.29 179	IP	P	02 04 06.1 +1.7
VNA3	Neumayer Olymp	76.52 177	IP	P	02 04 06.9 +1.3
VNA2	Neumayer-Watz	76.93 178	IP	P	02 04 09.5 +1.6
VNA1	Neumayer-Stat	77.17 177	IP	P	02 04 11.0 +1.8
LL05	Los Muermos	80.40 133	P	P	02 04 30.8 +3.7
LHV	Little Hulton	90.71 44	P	Iamb	02 05 23.4 +5.9
LHV	Little Hulton	90.71 44	P	Iamb	02 05 24.4
FINES	FINESS Array B	146.22 337	PKPbc	PKPbc	02 11 51.9 +0.9
FHS	Hagfors	150.68 346	PKPbc	PKPbc	02 12 03.5 -0.6

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

AY02 Valle Explorad 2.92 108 IAML ISC 02 04 10.4

AY03 Cochrane 3.57 119 eP Pn 02 04 12.2 +1.0

AY03 Cochrane 3.57 119 IAML 02 04 14.4

GO07 Milladeo Hill, 3.57 46 eP Pn 02 04 10.0 -1.2

GO07 Milladeo Hill, 3.57 46 IAML 02 04 22.7

GO08 Villa O'Higin 4.25 133 eP Pn 02 04 20.1 -0.4

LL06 Loncomilla 4.28 38 Pn 02 04 20.5 -0.4

LL02 Futaleufu 4.55 59 eP Pn 02 04 24.8 +0.2

LL01 San Ignacio de 4.75 48 eP Pn 02 04 26.3 -1.0

PLCA Paso Flores 6.90 47 Pn Pn 02 04 56.7 -0.3

PLCA Paso Flores 6.90 47 IAML 02 07 39.3

H03S1 Juan Fernandez 11.85 353 T T 02 18 14.8

H03S2 Juan Fernandez 11.85 353 T T 02 18 13.6

H03S3 Juan Fernandez 11.85 353 T T 02 18 14.8

PMSA Palm Station 20.51 164 LR LR 02 14 22.6

LVC Limon Verde 23.94 19 LR LR 02 17 27.9

CPUP Villa Florida 24.97 46 P P 02 08 40.0 +0.6

CPUP Villa Florida 24.97 46 LR LR 02 19 10.2

LPAZ La Paz Station 30.23 17 P P 02 09 28.1 +0.8

SIV San Ignacio 32.51 30 LR LR 02 22 50.4

NNA Nana 33.53 1 LR LR 02 19 24.9

ATAH Atahualpa 38.37 358 LR LR 02 22 26.7

BDFB Brasils Station 39.64 49 P P 02 10 39.5 0.0

BDFB Brasils Station 39.64 49 LR LR 02 28 10.2

VNA3 Neumayer Olymp 40.45 153 IP P 02 10 52.9 -1.0

VNA1 Neumayer-Stat 40.90 152 IP P 02 10 58.2 +0.6

VNA2 Neumayer-Watz 41.19 152 IP P 02 10 58.6 -1.4

SNAZ Sanaz 42.63 153 IP P 02 11 11.4 -0.4

SNAZ Sanaz 42.63 153 LR LR 02 11 11.5 -0.4

SNAZ Sanaz 42.63 153 LR LR 02 27 02.3

TROLL Troll, Antarti 44.26 154 IP P 02 11 24.1 -0.9

QSPA South Pole Qui 44.61 180 P P 02 11 26.8 -1.2

QSPA South Pole Qui 44.61 180 LR LR 02 28 12.7

ROSC El Rosal 50.32 4 LR LR 02 31 04.8

RCSR Riachuelo 53.40 55 LR LR 02 36 32.4

SDV Santo Domingo 54.59 8 LR LR 02 34 19.2

MDP Montagnes des 55.06 30 LR LR 02 36 11.8

APG El Apazole 61.54 345 LR LR 02 34 36.4

MAW Maxwell Station 63.13 164 LR LR 02 39 49.4

PPT Papeete 65.39 207 LR LR 02 33 55.2

SUR Sutherland 72.72 119 LR LR 02 43 38.7

URZ Urewera 73.14 232 LR LR 02 42 14.9

BOSA Boshof 78.09 119 LR LR 02 45 19.1

TXAR Lajitas Array 78.40 337 P P 02 15 17.9 +1.5

LBTB Babate 81.17 59 LR LR 02 49 05.7

DBIC Dimbokro 82.58 73 LR LR 02 49 50.2

STKA Stephens Creek 95.21 212 LR LR 02 51 41.7

H1S2 WAKE ISLAND Hy21.18 265 T T 04 34 40.0

H1S1 WAKE ISLAND Hy21.18 265 T T 04 34 38.1

H1S3 WAKE ISLAND Hy21.18 265 T T 04 34 41.2

ICD 09 02:24:32.5,3.6,36S,149.27E,h0km,mb3.1/1, mbTmP3.6/3,ML3.9/1,Error ellipse: s-maj=142.0km s-min=36.9km az=115.0,New Britain region

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

PMG Port Moresby 3.67 214 Pn Pn 02 25 32.1 +1.4

PMG Port Moresby 3.67 214 Pn Pn 02 26 16.0 +1.3

WRA Warramunga Arr 19.81 226 P P 02 29 05.3 +0.5

ASAR Alice Springs 22.68 219 P P 02 29 34.6 -1.2

TORD Torodi Ar. Bea 147.36 284 PKPbc PKPbc 02 44 18.7 -0.7

ICD 09 02:27:43.9,2.0, 1.7,96S,179.49W,h619km,20km,mb3.0/6, mbTmP3.9/7, Error ellipse: s-maj=27.9km s-min=25.9km az=136.0

NEIC 09 02:27:44.0,1.7, 18°1'S,0.1°179.4W,0.1, h618km,6km, mb4.5/26, Error ellipse: s-maj=20.2km s-min=15.9km az=110.0

ICD 09 02:27:43.9,0.7, 18.0S,0.1°179.4W,0.1, h622km, n40, c0974/10, mb4.4/19, Fiji Islands region

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

MSVZ Nonsavu 2.42 276 P P 02 29 01.0 -1.2

MSVZ Nonsavu 2.42 276 P P 02 29 01.6 -0.5

DZM Mont Dzumac 13.88 251 P P 02 30 41.3 +0.3

RAR Rarotonga 18.78 103 P Iamb 02 32 24.8 -0.8

RAR Rarotonga 18.78 103 P Iamb 02 31 04.9

QRZ Quartz Range 23.76 195 P P 02 32 11.1 +1.2

PLWZ Palliser 23.91 190 P P 02 32 12.0 +0.8

LTZ Lake Taylor 25.67 194 P Iamb 02 32 25.7 -1.1

LTZ Lake Taylor 25.67 194 P Iamb 02 32 31.1

GVZ Greta Valley S 25.68 193 P P 02 32 25.9 -0.9

INZ Inchbonnie 25.82 196 P P 02 32 26.8 -1.2

INZ Inchbonnie 25.82 196 P Iamb 02 32 48.6

MOZ McQueen's Vall 26.46 193 P P 02 32 31.1 -2.6

MOZ McQueen's Vall 26.46 193 P Iamb 02 32 44.2

LBZ Lake Benmore 27.70 196 P P 02 32 42.6 -1.8

LBZ 2.11nm,1.3s Iamb Iamb 02 33 03.2

ARMA Armadale 29.05 239 P P 02 32 56.8 +0.3

ARMA Armadale 29.05 239 P Iamb 02 33 24.3

MLZ Mavora Lakes 29.18 198 P Iamb 02 32 57.8 +0.5

MLZ Mavora Lakes 29.18 198 P Iamb 02 33 24.3

WHZ Wether Hill Ro 29.71 198 P Iamb 02 33 02.1 +0.4

WHZ Wether Hill Ro 29.71 198 P Iamb 02 33 04.1

JOHN Johnston

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include CASG Dorado de Casc, ZUMB Zumba, GCUF Volcan Galeras, etc.

DJA 09 02:46:34.70.0.3.1'S.4.12'E.2E.1, h10km, M4.1/9, mb4.4/3, mB4.7/1, MLv3.9/9, Mw(mB)4.0/1, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include LUWI Luwuk, BNSI Bone, PMSI Majene, etc.

CATAC 09 02:51:59.0.1.1, 12.41N.87.73W, h36km, 10km, mb3.9, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include CSGN Cosiguina Volc, CSGN San Cristobal, CRIN San Cristobal, etc.

IDC 09 03:07:10.1±0.8, 20.39S:68.01E, h0km, mb4.1/4, mbmp4.1/14, MS3.7/34, Error ellipse: s-maj=28.9km s-min=20.4km az=40.0

NEIC 09 03:07:12.7±1.7, 20.9S:0.1±68.0E:0.2, h10km, 1km, mb4.6/14, Error ellipse: s-maj=34.4km s-min=13.8km az=288.0

ISC 09 03:07:12.3±0.7, 20.7S:0.1±67.9E:0.1, h15km, n61, ±152.3/1, mb4.2/19, MS3.8/1, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include QSPA South Pole Qui, QSPA Abkuk Array, AKTO Aktyubinsk, etc.

IGQ 09 03:19:26.3±1.4, 4.5S:6.7±5W:1.2, h138km, M5.3/14, IDC 09 03:19:30.5±0.5, 4.00S:75.87W, h0km, mb4.2/14, mbmp4.3/22, ML4.1/8, MS3.6/27, Error ellipse: s-maj=20.2km s-min=11.8km az=62.0

ARE 09 03:19:33.6±9.2, 4.07S:0.07±76.14W:0.08, h125km, 6km, Error ellipse: s-maj=0.0km s-min=0.0km az=139.0

VAO 09 03:19:36.4±0.6, 4.06S:0.78±76.01W, h476km, mb4.9, NEIC 09 03:19:36.4±0.6, 4.06S:0.78±76.01W, h476km, mb4.6/59, Error ellipse: s-maj=13.8km s-min=9.3km az=45.0

ISC 09 03:19:35.0±0.3, 4.12S:0.04±75.99W:0.04, h35km, n430, ±113/428, mb4.5/42, MS3.6/20, 6C-2D, Northern Peru

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include TAIS Taisha, BOSC San Juan Bosco, ALJ1 Ecuador-Loja-U, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include TBGT Balboa, Cauca, BBAC Balboa, Cauca, BBAC Balboa, Cauca, etc.

BBSD Santa Rosa, PTLB Pontes e Lacerda, ITTB Itaituba, PDRB Porto das G, NPGB Novo Progresso, AC01 Pan de Azucar

APG El Apazote, CELP Cerrillos, PANTAL Pantanal (Braz), SJJG San Juan, SJJG San Juan

MCPB Macapa, MCPB Macapa, MDP Montagnes des, AQDB Aquidauana, AQDB Aquidauana

SNDP Serra Nova Dou, TEIG Tepich, TEIG Tepich

CMIG Matias Romero, CPUP Villa Florida, CPUP Villa Florida

CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida

CPUP Villa Florida, BDFB Brasilia, BDFB Brasilia

BDFB Brasilia, PLTB Pedras Altas, PLTB Pedras Altas

PLCA Paso Flores, PLCA Paso Flores

RPN Repa Nui, 833A Chaparral WMA, TKL Tuckaleechee C

435B Jarrell, BRDY Brady, BRDY Brady, WWT Waverly, UALR University of, UALR University of

Table with columns: ID, Name, Elevation, Wind, Temp, Wind Dir, Wind Spd, Temp Dir, Temp Spd, Wind Dir, Wind Spd, Temp Dir, Temp Spd. Includes entries like Clayton, Poplar Bluff, Sterling City, Hobbs, Millersville, French Village, Depew, Miami Univ. Ec, Post, Wichita Mounta, Cathedral Cave, Dickens, Van Horn, Battle Ridge R, Standing Stone, Farmland, Cornudas Mount, Amarillo, Newcomb, IRIS PASSCALI, Albuquerque, Delora Mine, Jewell Farm, Montreal, Quebec, Grand Sand, 4UR Ranch, Red Feather La, Hualapai Mount, Pinon Flats, Marysville, Toone Canyon, Pinedale Array, Troy Canyon, C, South Promonto, Lac du Bonnet, Elk, Yellowstone No, Mina Array Bay, Camas Ranch, Rikitea, Dimbokro, Dimbokro, Yellowknife Ar, Papeete2, Tubua, Toad River Com, Kotaneelee Air, DLBC Dease Lake, Whale Pass, Telegraph Cree, Wrigley, Jennings River, BELA Belgrano 2, Eaglecrest, Teslin, Yukon, Atlin, Pelican, Quiet Lake, Neumayer Olymp, Neumayer-Stat, Sonseca Array, Whitehorse, Torodi Ar, Be, Torodi Ar, Be, Pleasant Camp, Faro, Yukon, Neumayer-Watz, Drury Creek, Y, Mendenhall, Million Dollar, Braeburn, Yuko, Summit, Aishikik Lake, Mount Kennedy, Minto, Yukon, Sanae, SNAA.

Table with columns: ID, Name, Elevation, Wind, Temp, Wind Dir, Wind Spd, Temp Dir, Temp Spd, Wind Dir, Wind Spd, Temp Dir, Temp Spd. Includes entries like SNAA Sanae, SNAA Sanae, SNAA Sanae, YUKA Talbot Arm, PINM Pinnacle, M29M Somme Creek, O28M Mount Upst, H31M Peel River, YUK8 Steele Glacier, J30M Hart River, L29M L29M, K29M Barlow Dome, I30M Mount Dempster, G31M Satah River, G31M Satah River, CTG Chitina Glacier, F31M Tsigiechtic, INK Inuvik, INK Inuvik, INK Inuvik, DAWY Dawson, EPYK Eagle Plains, TROLL Trill, Antarti, I29M Oglivie Camp, CRQE Cirque, M27K Edge Creek, AK, F30M Barrie River, MCARA McCarthy VSAT, KAIM Kayak Island, BCAR Beaver Creek A, L27K Beaver Creek, H29M Whitestone, G29M Pine Creek, M26K Nabesna, AK, I28M Miner Creek, BMRM Bremner River, EGAK Eagle, K27K Chicken, L26K Log Cabin Wild, N25K Chitina, Valde, EYAK Cordova Ski Ar, E29M Blow River, I27K Knik River, F28M Old Crow, H27K Steamboat Moun, HARP HAARP, KLU Klutina, SCRK Sand Creek, J26L Joseph Creek, I26K Joseph Creek Min, G27K Doyon Strip, E28M Babbar River, PAX Paxson, RIDG Independent R, M24K Tolsona, Glenn, GLI Glacier Island, SCM Sheep Creek Mo, J25K Salcha River, PWL Pot Wells, M23K Glacier View, D27M Malcoam River, G26K Porcupine River, KNK Knik Glacier, DHY Denali Highway, WAT6 Susitna Watana, SML Sawmill, PRP Porcupine Dome, SEW Seaward, HDA Harding Lake, F26K Sheejeek River, PMR Palmer, ILAR Eielson Array, H25L Birch Creek, WAT1 Susitna Watana, RC01 Rabbit Creek A, BRSE Bradley Lake S, QSPA South Pole Qui, POKR Poker Plat Res, G25K Bearman Lake, F25K Christian River, M22K Willow, MCK McKinley.

Table with columns: ID, Name, Elevation, Wind, Temp, Wind Dir, Wind Spd, Temp Dir, Temp Spd, Wind Dir, Wind Spd, Temp Dir, Temp Spd. Includes entries like C27K Jago River, SUA Sunitna One, CUT Chutina, H24K Noodor Dome, NEA2 Nenana, G24K Hadweznic Riv, C26K Camden Bay, I23K Minto, Yukon-K, SKT Skwentna, O20K Slope Mountain, SII Sitkinak Island, F24K Squaw Lake, N20K Mount Spurr, D25K Yukon River, H23K Kavik River, P19K Oil Pt, Q19K Cape Douglas, BPAW Bear Paw Mtn, R18K Karlu, MLY Manley, E24K Your Creek, PPLA Purkeypile, G23K Banofa Creek, CHIR Chirikof Island, M20K Styx River, CHUM Lake Minchumin, COLD Coldfoot, E23K Chandalar, D24K Happy Valley, Q18K Khatol Hardscr, H22K Ishlatina Cre, I21K Tanana, TOLK Toolik Lake Re, C24K Franklin Bluff, N19K Bonanza Creek, L20K Farewell, AK, P18K Big Mountain, G22K Bettles, O18K Koklu Hills, M19K Big River Lodg, Q17K Contact Creek, R17L Mt. Peulik Vol, H21K Melozitna Rive, K20K Telida, D23K Nanushuk River, L19K White Mountain, F22K John River, J20K Nowita River, E22K Anaktuvuk Pass, C23K Ikilik River, P17K Kvichak River, N18K Kilae Creek, M18K Stony River, G21K Allakaket, I20K Naaghedenael, F21K Alatna River, ELIB Princess Elisa, D22K Ayikyak River, O17K Kolliganer Bris, H20K Anotleneega Mo, J19K Poorman, N17K Nushagak Hills, L18K Granite Mounta, E21K Kiliik River, M17K Holitna River, J18K Innoko River, O16K Kokwok River B, B22K Teshekpuk Lake, F20K Avaraart Lake, H19K Roundabout Mou, S14K Fog Glacier, C21K Knifeblade Rid, B21K Ikpik River, L17K Donlin, K17K Iditarod, G19K Purcell Mounta, M16K Timber Creek, E20K Nigu River, A22K Sinclair Lake, O15K Ungalikthiuk R, E19K Redstone River, H18K Honhosa River, L16K Owhat River, F19K Shcruckki Mo.

9d 4h

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like VABM Dome, Tagagawik, Meade River, Kuna River, Kasigluk River, etc.

NEIC 09 03:19:46.8.1.6.4.06S:0.08:75.91W:0.07, h35km, 1km, mb4.6/60, Error ellipse: s-maj=14.4km s-min=9.8km az=217.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like ANTS Antisana-sarah, ARNL Arenillas, ARNL Cruzero do Su, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like Paso Flores Futaleuf, T59A Double 'B' Far, V48A Smith Brothers, etc.

NEIC 09 03:35:07.4:7.5.6.73S:149.17E, h95km, 51km, mb3.2/1, s-min=55.1km az=120.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like BCAR Beaver Creek, QSPA South Pole Uki, DAVA Danu, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like MV1.2/22, ISHIKARI DEPRESSION, Hokkaido region.

IDC 09 03:42:38.8:4.1.4.2:60N:142:33E, h0km, mb3.9/9, mbmp3.9/9, Error ellipse: s-maj=84.6km s-min=43.7km az=130.0

NEIC 09 03:42:46.1:2.2.42:65N:0:05:142:0E:0:10, h35km, 2km, mb4.0/11, Error ellipse: s-maj=12.1km s-min=8.4km az=92.0

JMA 09 03:42:46.2:0.1.42:71N:0:4:142:0E:5, h34km, 1km, MW432, ISHIKARI DEPRESSION, JMA Felt J1 at ISHIKARI DEPRESSION.

ISC 09 03:42:45.9:0.7.42:63N:0:04:141:97E:0:04, h36km, 1km, n49.0:92/52, mb4.0/16, 7D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like JIAM Iburiatsuma, JIAM Biratori 2, JBT2 Biratori 2, etc.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like BBD, LP, BBS, and SIV.

DJA 09 04:26:59.2, 0.6, 6.4, 14.7E, h95km, 8km, M4.8/12, mb5.2/1, mb4.5/12, MLV5.0/4, MWM(B)4.5/1, IDC 09 04:27:00.6, 2.6, 5.85S, 146.59E, h111km, 22km, mb3.9/11, mbmp4.3/13, MS2.8/2, Error ellipse: s-maj=20.0km s-min=13.1km az=104.0 NEIC 09 04:27:02.2, 1.4, 5.92S, 0.06x146.6E, 0.1, h114km, 8km, mb4.5/41, Error ellipse: s-maj=17.8km s-min=9.2km az=90.0

ISC 09 04:27:00.5, 0.5, 5.95S, 0.05x146.69E, 0.07, h100km, n98, e1947/99, mb4.5/30, Eastern New Guinea region

Main table of station data for the left column, including station names, times, and residuals. Includes stations like PMG, MANU, TABU, JAY, COEN, etc.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like SONM, CASY, S12K, etc.

Table of station data for the middle column, including station names, times, and residuals. Includes stations like MKAR, M14K, L14K, etc.

PLCA Paso Flores 122.33 147 PKP 04 45 43.2 -1.3 SFS 09 04:27:07.8, 36.12N, 171.48W, h10km, ML2.1 SFS 09 04:27:41.9, 36.65N, 7.03W, h50km, ML1.9/7, ML1.9/7, IGIL 09 04:27:43.6, 36.65N, 7.21W, h7km, ML1.1 INMG 09 04:27:44.9, 1.6, 36.65N, 7.21W, h19km, 5km, ML1.2, Error ellipse: s-maj=7.7km s-min=5.3km az=8.0 MDD 09 04:27:45.1, 1.4, 36.64N, 7.01W, h23km, 13km, mb_Lg1.8/9, 1C, Error ellipse: s-maj=10.0km s-min=3.9km az=1.0, Strait of Gibraltar

Main table of station data for the middle column, including station names, times, and residuals. Includes stations like Code, Station Name, Time, Res, etc.

Table with 4 columns: Station Name, Time, Res, and other details. Includes stations like DJNS, JAZZ, NJRNS, etc.

Main table of station data for the right column, including station names, times, and residuals. Includes stations like Code, Station Name, Time, Res, etc.

IDC 09 04:53:33.7, 0.5, 8.16S, 116.51E, h0km, mb4.3/15, mbmp4.3/16, ML4.4/1, MS3.3/8, Error ellipse: s-maj=24.0km s-min=12.8km az=72.0 NEIC 09 04:53:35.4, 2.4, 8.25S, 0.08x116.57E, 0.06, h10km, 1km, mb4.5/20, Error ellipse: s-maj=14.2km s-min=10.7km az=353.0 DJA 09 04:53:36.0, 0.2, 8.3S, 117.7E, h10km, M4.9/14, mb5.0/6, mb5.2/2, MLV4.8/14, MWM(B)4.6/2

ISC 09 04:53:35.4, 0.4, 8.24S, 0.05x116.58E, 0.04, h10km, n113, e1928/114, mb4.5/26, MS3.9/3, 5C-1D, Sumbawa region

Table of station data for the right column, including station names, times, and residuals. Includes stations like Code, Station Name, Time, Res, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth 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 Screech, Elevation Screech, 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 Screech, Elevation Screech.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth 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 Screech, Elevation Screech.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth 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 Screech, Elevation Screech.

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9d 5h

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like NKME, BARS, TREB, BRY, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like WATA, WRAC, SOTA, FETA, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like PESTR, NC602, NAO01, etc.

Code Station Name A' AZ' Phase ID Time Res
ISBH Shebaster 0.42 10 Pg Pg 05 25 40.2 -0.4
NAX Nakhchivan 0.80 22 P P 05 25 48.2 -0.6

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

Table with columns: SIV, Station Name, Time, Res, ISC. Includes stations like San Ignacio, BBTS Babate, LPAZ, etc.

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

IDC 09:08:46:56.8:0.6, 52.96S:22.45E, h0km, mb4.1/2, mbmp4.2/12, MS3.8/36, Error ellipse: s-maj=23.2km s-min=14.3km az=88.0

NEIC 09:08:46:59.1:1.0, 52.99S:0.07:22.3E:0.2, h10km, 1km, mb4.6/18, Error ellipse: s-maj=25.8km s-min=5.4km az=113.0

ISC 09:08:46:58.4:0.5, 52.94S:0.07:22.4E:0.1, h10km, n71, 0.82/40, mb4.4/21, MS3.9/36, S, South Africa

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

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

IDC 09:09:02:22.1:1.4, 30.87N:131.29E, h0km, mb3.6/7, mbmp3.6/8, ML2.6/1, MS3.1/12, Error ellipse: s-maj=40.1km s-min=17.3km az=82.0

NEIC 09:09:02:26.0:31.04N:131.83E, h33km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 1015N/m; Mn:0.87; Mxx:-0.17; Myy:-0.70; Mzz:1.0; Mxy:0.00; Mxz:0.00; Myz:0.00; Fault plane solution: Mw1.36000x1015 NP1.7.6.0.00000; 664.00000, 147.00000. NP2.7.182.00000; 861.00000; 3.00000

JMA 09:09:02:26.0:0.4, 31.04N:0.13:137.2E, h32km, 3km, MW3.6/37, SE OFF OYUJUN PEN

ISC 09:09:02:26.6:1.1, 31.04N:0.06:131.7E:0.1, h32km, n32, 1.106/23, mb3.6/7, MS3.4/8, 2D, Kyushu

IDC 09:09:02:22.1:1.4, 30.87N:131.29E, h0km, mb3.6/7, mbmp3.6/8, ML2.6/1, MS3.1/12, Error ellipse: s-maj=40.1km s-min=17.3km az=82.0

NEIC 09:09:02:26.0:31.04N:131.83E, h33km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 1015N/m; Mn:0.87; Mxx:-0.17; Myy:-0.70; Mzz:1.0; Mxy:0.00; Mxz:0.00; Myz:0.00; Fault plane solution: Mw1.36000x1015 NP1.7.6.0.00000; 664.00000, 147.00000. NP2.7.182.00000; 861.00000; 3.00000

JMA 09:09:02:26.0:0.4, 31.04N:0.13:137.2E, h32km, 3km, MW3.6/37, SE OFF OYUJUN PEN

ISC 09:09:02:26.6:1.1, 31.04N:0.06:131.7E:0.1, h32km, n32, 1.106/23, mb3.6/7, MS3.4/8, 2D, Kyushu

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

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

IDC 09:09:02:22.1:1.4, 30.87N:131.29E, h0km, mb3.6/7, mbmp3.6/8, ML2.6/1, MS3.1/12, Error ellipse: s-maj=40.1km s-min=17.3km az=82.0

NEIC 09:09:02:26.0:31.04N:131.83E, h33km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 1015N/m; Mn:0.87; Mxx:-0.17; Myy:-0.70; Mzz:1.0; Mxy:0.00; Mxz:0.00; Myz:0.00; Fault plane solution: Mw1.36000x1015 NP1.7.6.0.00000; 664.00000, 147.00000. NP2.7.182.00000; 861.00000; 3.00000

JMA 09:09:02:26.0:0.4, 31.04N:0.13:137.2E, h32km, 3km, MW3.6/37, SE OFF OYUJUN PEN

ISC 09:09:02:26.6:1.1, 31.04N:0.06:131.7E:0.1, h32km, n32, 1.106/23, mb3.6/7, MS3.4/8, 2D, Kyushu

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

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

IDC 09:09:02:22.1:1.4, 30.87N:131.29E, h0km, mb3.6/7, mbmp3.6/8, ML2.6/1, MS3.1/12, Error ellipse: s-maj=40.1km s-min=17.3km az=82.0

NEIC 09:09:02:26.0:31.04N:131.83E, h33km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 1015N/m; Mn:0.87; Mxx:-0.17; Myy:-0.70; Mzz:1.0; Mxy:0.00; Mxz:0.00; Myz:0.00; Fault plane solution: Mw1.36000x1015 NP1.7.6.0.00000; 664.00000, 147.00000. NP2.7.182.00000; 861.00000; 3.00000

JMA 09:09:02:26.0:0.4, 31.04N:0.13:137.2E, h32km, 3km, MW3.6/37, SE OFF OYUJUN PEN

ISC 09:09:02:26.6:1.1, 31.04N:0.06:131.7E:0.1, h32km, n32, 1.106/23, mb3.6/7, MS3.4/8, 2D, Kyushu

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

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

IDC 09:09:31:37.1:0.5, 57.20N:129.9E:0.1, h55km, n46, 0.92/51, mb4.2/25, 1C, Mindanao

NEIC 09:09:31:38.0:1.1, 57.20N:0.1:123.9E:0.1, h54km, 11km, mb4.4/29, Error ellipse: s-maj=28.5km s-min=14.1km az=68.0

ISC 09:09:31:37.7:0.5, 57.20N:129.9E:0.1, h55km, n46, 0.92/51, mb4.2/25, 1C, Mindanao

IDC 09:09:31:37.1:0.5, 57.20N:129.9E:0.1, h55km, n46, 0.92/51, mb4.2/25, 1C, Mindanao

NEIC 09:09:31:38.0:1.1, 57.20N:0.1:123.9E:0.1, h54km, 11km, mb4.4/29, Error ellipse: s-maj=28.5km s-min=14.1km az=68.0

ISC 09:09:31:37.7:0.5, 57.20N:129.9E:0.1, h55km, n46, 0.92/51, mb4.2/25, 1C, Mindanao

IDC 09:09:31:37.1:0.5, 57.20N:129.9E:0.1, h55km, n46, 0.92/51, mb4.2/25, 1C, Mindanao

NEIC 09:09:31:38.0:1.1, 57.20N:0.1:123.9E:0.1, h54km, 11km, mb4.4/29, Error ellipse: s-maj=28.5km s-min=14.1km az=68.0

ISC 09:09:31:37.7:0.5, 57.20N:129.9E:0.1, h55km, n46, 0.92/51, mb4.2/25, 1C, Mindanao

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

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MCDR, HIGUEY Centro, PUNTA CANA, DR, GTRK Grand Turk, etc.

IDC 09 10:28:02.5:6.5,7.22S:146.04E,h180km,v33km,mb3.2/2, mbtmp3.7/4, Error ellipse: s-maj=84.8km s-min=54.9km az=28.0, Eastern New Guinea region

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

TAP 09 10:33:27.8,24.00N:121.02E,h14km,ML3.5,18C-22D,A, Taiwan

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations across Taiwan such as DPDB Guoxing, WUSB Renai, WCS Beigang Elemen, etc.

2018 SEP

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Lists stations from EGFH baz=131 to WTP baz=162, including YUS Yu-Shan, WKG Gukung, ALS Alishan, etc.

9d 10h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Lists stations from WTP baz=205 to PNG baz=252, including STYH Taoyuan, EHD Haiduan, WSL Shulin Townsh, etc.

9H 11h

Table with columns: PHUB, Png-hu, 1.41 250 eP, Pn, 10 33 51.8 -1.2, etc.

IDC 09 10:45:13.2.0.8, 71.56N-2.72W, h0km, mb3.6/9, mbmp3.8/15, ML3.4/6, MS3.3/31, Error ellipse: s-maj=18.8km, s-min=15.4km, az=35.0

NEIC 09 10:45:14.5.2.0, 71.62N-0.08.2.6W, 0.2, h10km, 1km, mb4.3/38, Error ellipse: s-maj=14.7km, s-min=11.9km, az=216.0

BER 09 10:45:21.9.2.3, 71.57N-1.80W, h15km, 999km, mb(Pn)3.8, Confirmed Earthquake

DNK 09 10:45:39.5.0.7, 63.66N-3.14W, h0km, 160km, ML1.9, ISC 09 10:45:14.2.0.4, 71.58N-0.06.2.88W, 0.04, h10km, n129, r=133/17, mb4.2/25, MS3.3/27, Jan Mayen Island

Main table with columns: Code, Station Name, 1.91 254 Op, Pn, 10 45 48.4 -0.7, etc.

2018 SEP

Main table with columns: MNK, Minsk, 21.65 126 i P, P, 10 50 02.6 -1.7, etc.

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Main table with columns: TXAR, Lajitas Array, 65.78 290 P, P, 10 55 59.5 +0.3, etc.

comp=Z,1.1nm,0.8s,baz=64,slow=4.4,SNR=7.2
PLCA Paso Flores 145.22 157 PKPbc PKPbc 11 24 37.8 +0.7

IDC 09 11:07:01.4+1.2,28.65N;76.92E,h0km,mb3.6/9,
mblmp3.7/11,ML3.8/2,MS4.3/1,Error ellipse:
s-maj=38.9km s-min=18.9km az=55.0

NEIC 09 11:07:02.9+2.1,28.65N;0.04;76.8E;0.1,h10km,1km,
mb4.6/9,Error ellipse: s-maj=15.7km s-min=6.8km
az=264.0

NDI 09 11:07:05.4+2.8,28.62N;76.74E,h10km,ML3.9,MW3.5,
mb4.6(NEIC)
ISC 09 11:07:05.0+0.9,28.66N;0.04;76.73E;0.05,h25km,6km,

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include BHGR Bahadurgarh, NPLP New Delhi, LDR Lodi Road, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include SMLA Simla, BHK Bhakra, SDNR Sundarnagar, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include THN Thein Dam, BHPL Bhopal, KBL Kabul, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include KK31 Karatay Array, KKAR Karatay Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include KURB Kurchatov Arr, KURK Kurchatov, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include ABKAR Abkhal array, BVAR Borovoye Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include BRTR Keskin Array B, FINES FINESS Array B, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include ARCES ARCESS Array B, ARCES ARCESS Array B, GEC2 GERESS Array S, etc.

BER 09 11:07:55.2+2.0,71.44N;3.35W,h10km,mb(Pn)3.7,
Confirmed Earthquake,Jan Mayen Island region

Table with columns: STOK, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include Stokkvaagen, JETT Jettan, Norway, SPA0 Spitsbergen Arr, etc.

NOU 09 11:26:12.5,14.08S;-167.06E,h118km,mb3.9/9,Vanuatu
Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include VLAKA Lakatoro, VLAKA Lakatoro, DVP Devils Point, etc.

JMA 09 11:36:35.4+0.1,32.4N;-101.131E;0.1,h10km,MV0.7/25,
NORTHERN MIYAZAKI PREF, Kyushu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include JTSN Tsuno, JHHC Yahugahichiya, JMT Kitakata, etc.

MOS 09 11:37:52.7+0.8,39.09N;141.13E,h109km,mb4.3/10,
Error ellipse: s-maj=9.8km s-min=6.1km az=99.7

NIED 09 11:37:54.6,39.06N;140.92E,h100km,MW4.1,Moment
Tensor Solution, s3 Moment tensor: Scale 1015Nm

ISC 09 11:37:53.6+0.6,39.02N;141.11E;0.1,h10km,5km,
n139,r130/151,mb4.2/4,19C-16D,Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include JMK Ichinoseki, JOM Ohasama, JRG Rokugo, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include JOTO OTAMA OYAMA, JOTM Tenmabayashi, JNT Tenmabayashi, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include JEM Erimo, JGF Kuroka, JGF Kuroka, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include JMN Monobe, KUR Kurih, KUR Kurih, etc.

Table with columns: YSS, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include Mys Shuitsea, MSHR Mys Shuitsea, USA0B USSuriysk Arr, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include MDJ Mudanjiang, MDJ Mudanjiang, MDJ Mudanjiang, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include KLR Kul'dur, KLR Kul'dur, HEH Heihe, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include HNS HongShan, NACB Ninganchiao, HHC Hu-no-hao-te, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include ULN Ulanbaatar, ULN Ulanbaatar, SONM Sonm, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include AMKA Amchitka, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include BILL Bilibino, PZH PanZhihua, PZH PanZhihua, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include DGZ Jazator, Alta, DGZ Jazator, Alta, CRAI Chiangrai, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include CMAR Chiang Mai Arr, MK31 Makanchi Array, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Rows include MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, etc.

9d 12h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, OBN Olnsk, FIA1 FINESS Array S, etc.

IDC 09 11:48:22.0.9, 11.60S, 41.10E, h0km, mb3.6/7, mbmp3.8/11, ML4.4/5, MS3.4/15, Error ellipse: s-maj=29.0km s-min=20.0km az=71.0

NEIC 09 11:48:24.2.0, 11.64S, 0.08E, 0.1E, h10km, 1km, mb4.6/13, Error ellipse: s-maj=18.5km s-min=12.9km az=247.0

ISC 09 11:48:23.9-0.5, 11.74S, 0.06E, 40.98E, 0.08, h10km, n46, s148/36, mb3.9/12, MS3.3/12, Mozambique

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OPO Ambohitrampom, ABPO Ambohimpanom, KIBK Kibwezi, etc.

2018 SEP

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FIA1 FINESS Array S, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

NEIC 09 11:57:24.8, 2.1, 20.3S, 0.1, 178.3W, 0.1, h585km, 7km, mb4.2/32, Error ellipse: s-maj=21.3km s-min=16.4km az=123.0

IDC 09 11:57:25.8, 1.7, 20.3S, 178.50W, h592km, 18km, mb3.0/9, mbmp3.9/10, Error ellipse: s-maj=21.9km s-min=14.5km az=146.0

ISC 09 11:57:24.7, 0.5, 20.3S, 0.1, 178.4W, 0.1, h587km, n52, s111/53, mb4.0/25, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonnavu, AFI Afilamu, TOZ Tatuross Road, etc.

SNET 09 12:01:47.7, 1.3, 12.07N, 89.19W, h9km, 19km, ML3.0, CATAC 09 12:01:49.3, 0.8, 11.99N, 89.24W, h30km, ML3.5

ISC 09 12:01:46.8, 3.5, 12.0N, 0.1, 89.17W, 0.07, h7km, 19km, n22, s057/32, Off coast of central America

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LFRS El Faro, LCY Lacy, JAYA Jayaque - finc, etc.

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Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PACA comp=Z,1um,1.0s, BLML Bellamira, PMON Piamonte, etc.

KRNET 09 12:14:21.7, 0.1, 42.57N, 72.09E, h22km, mb2.6, NINC 09 12:14:22.1, 1.3, 42.45N, 72.04E, h0km, mb3.4, mpv3.2, Error ellipse: s-maj=18.8km s-min=3.6km az=10.0

SOME 09 12:14:22.9, 42.52N, 72.12E, h15km, ISC 09 12:14:21.6, 0.1, 42.61N, 0.03E, 72.11E, 0.02, h13km, 9km, n41, s19/65, 19C-4D, Kyrgyzstan

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MNAS Manas, DZA Taraz, DZA Taraz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUUR Kurty, KTBS Karatobe, TNSN Tian-Shan, etc.

RSNC 09 12:29:21.7±4.0, 7.28S:155.54E, h0km, mb3.3/3, ML2.4, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANIL Santa Ana, NIZA Manizal, PLMC San Jos del P, etc.

IDC 09 12:37:01.7±1.6, 34.76N:140.00E, h120km, 8km, mb3.3/6, mbmp3.6/8, Error ellipse: s-maj=36.5km s-min=6.2km az=73.0

JMA 09 12:37:02.7±0.2, 34.77N:0.8±14.0E, h123km, 1km, MV3.1/33, SE OFF BOSO PENINSULA

ISC 09 12:37:02.8±0.8, 34.72N:0.05±139.85E:0.07, h126km, 6km, n26, ±0.92/29, mb3.6/6, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TATJ Tateyama 2, JIM2 Oshima 3, BSO3 Boso 3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SONM Songio Array, H112 WAKE ISLAND Hy 28.19 115 T, H111 WAKE ISLAND Hy 28.20 115 T, etc.

IDC 09 12:39:27.1±4.0, 7.28S:155.54E, h0km, mb3.3/3, mbmp3.3/3, MS4.0/1, Error ellipse: s-maj=114.8km s-min=42.4km az=117.0, Bougainville-Solomon Islands region

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

DNK 09 12:42:06.5±1.9, 51.34N:15.59E, h30km, 81km, ML2.1 VIE 09 12:42:07.0±0.4, 51.45N:15.70E, h30km, mb2.4/9, ml2.5/8, Error ellipse: s-maj=2.6km s-min=2.2km az=9.0, Suspected Mining Induced.

IPEC 09 12:42:07.1±0.3, 51.57N:16.03E, h1km, ML2.7/4, Error ellipse: s-maj=2.1km s-min=1.1km az=36.0

PRU 09 12:42:09.0±1.5, 51.52N:15.98E, h0km

ISC 09 12:42:06.3±0.8, 51.61N:0.03±15.95E:0.03, h0km, n30, ±0.90/61, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSP Ksiadz, CHVC Chvalec, OSTO Ostas, etc.

VYHS Vyhne, YVHS Yvone, CONA Conrad Observa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOA Mollin, MOA Mollin, RONA Rosalia, AUST, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KGS1 Ghas-e-Shirin, IDHR Ghas-e-Gharb, IDHR Dehrash, etc.

TEH 09 13:12:58.3, 28.24N:59.35E, h8km, 56km, ML3.6, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBAM BAM, KHNI Khanooj, ZHDN Zahedan, etc.

NIED 09 13:16:34.4, 23.89N:121.61E, h40km, MW4.1, Moment Tensor Solution. s2 Moment tensor: Scale 10^19Nm; Mo:0.46; Mo0.74; Mo0.120; Mo0.06; Mo0.001; Mo:0.001; Mo:0.000000; Mo:1.360000x10^15 NP1: Mo:219.000000; Mo:63.000000; Mo:1.148.000000. NP2: Mo:325.000000; Mo:62.000000; Mo:1.31.000000.

NEIC 09 13:16:34.5±1.1, 23.89N:0.03±121.64E:0.04, h35km, 3km, mb4, 4/32 Error ellipse: s-maj=5.7km s-min=3.8km az=106.0

ASIES 09 13:16:34.6, 23.93N:121.61E, h45km, ML4.6, Mw4.0, Moment Tensor Solution. Moment tensor: Scale 10^22Nm; Mo:0.08; Mo:1.35; Mo:0.62; Mo:0.11; Mo:0.22; Mo:0.43; Mo:0.000000; Mo:1.15942x10^22 NP1: Mo:138.620000; Mo:878.100000; Mo:23.220000. NP2: Mo:233.670000; Mo:867.310000; Mo:167.080000. Principal axes: T P1g7.29000; Azm187.68300; N P1g64.05900; Azm292.93100; P P1g24.74800; Azm94.30200.

JMA 09 13:16:34.4±0.1, 23.93N:0.5±12.2E, h40km, 1km, MV3.8/8, TAIWAN REGION

TAP 09 13:16:34.6, 23.93N:121.61E, h45km, ML4.6, B IDC 09 13:16:35.0±0.7, 23.91N:0.01±121.68E:0.02, h35km, n237, ±104/354, mb4.3/24, 45C-43D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEYL Yanliu Villag, TEYL Yanliu Villag, HWA Hwalien, etc.

9d 13h

CHGB	baz=288	i S	Sn	13 16 51.9	-1.2
ENA	Renai baz=6.0	0.52 6 <i>↑</i> iP	Pn	13 16 45.5	-0.4
ENA	baz=6.0	eS	Sn	13 16 52.9	-0.6
EHYH	Wanrong baz=217	0.52 217 P	Pn	13 16 44.9	-1.1
EHYH	baz=217	i S	Sn	13 16 52.3	-1.2
VWDT	WVDT baz=245	0.52 253 <i>↑</i> iP	Pn	13 16 45.6	-0.3
VWDT	baz=245	S	Sn	13 16 52.6	-1.0
EHY	Hungye baz=212	0.52 219 <i>↑</i> iP	Pn	13 16 44.7	-1.3
EHY	baz=212	eS	Sn	13 16 51.4	-2.3
FUSS	Fushou baz=316	0.52 310 <i>↑</i> iP	Pn	13 16 45.8	-0.4
FUSS	baz=316	i S	Sn	13 16 53.3	-0.8
WUSB	Renai baz=271	0.52 279 <i>↑</i> iP	Pn	13 16 45.7	-0.4
WUSB	baz=271	S	Sn	13 16 52.9	-1.0
EWUT	Wuta baz=9.0	0.54 9 <i>↑</i> iP	Pn	13 16 46.0	-0.3
EWUT	baz=9.0	i S	Sn	13 16 53.9	-0.2
TWT	Tachien baz=307	0.58 306 <i>↑</i> iP	Pn	13 16 46.6	-0.3
TWT	baz=307	i S	Sn	13 16 54.6	-0.7
NNSB	Datong baz=339	0.58 332 <i>↑</i> iP	Pn	13 16 46.3	-0.7
NNSB	baz=339	S	Sn	13 16 54.1	-1.2
NNSH	Datong baz=339	0.58 332 <i>↑</i> iP	Pn	13 16 46.4	-0.6
NNSH	baz=339	i S	Sn	13 16 54.3	-1.1
TDCB	Techi baz=308	0.59 305 <i>↑</i> iP	Pn	13 16 46.6	-0.5
TDCB	baz=308	S	Sn	13 16 54.3	-1.3
NNS	Nan Shan baz=340	0.60 332 <i>↑</i> iP	Pn	13 16 46.5	-0.7
NNS	baz=340	S	Sn	13 16 54.6	-1.2
EOS4	EOS4 baz=84	0.62 70 <i>↑</i> iP	Pn	13 16 47.9	+0.9
EOS4	baz=84	S	Sn	13 16 57.1	+1.7
YULB	Yu-li baz=210	0.63 215 Pn	Pn	13 16 46.1	-1.4
YULB	baz=210	P	Pn	13 16 46.2	-1.4
YULB	baz=210	P	Pn	13 16 46.0	-1.4
YULB	baz=210	eS	Sn	13 16 54.4	-1.8
ECBN	Changbin baz=205	0.63 200 <i>↑</i> iP	Pn	13 16 47.7	+0.2
ECBN	baz=205	eS	Sn	13 16 56.6	+0.3
LATG	Datong baz=351	0.64 347 <i>↑</i> iP	Pn	13 16 46.9	-0.9
LATG	baz=351	eS	Sn	13 16 54.8	-1.9
EYUL	Yuli baz=214	0.65 211 eP	Pn	13 16 47.0	-0.8
TWF1	Yuli baz=214	0.66 213 <i>↑</i> iP	Pn	13 16 46.6	-1.4
ESAO	Su ao baz=9.0	0.68 12 eP	Pn	13 16 47.9	-0.2
ESAO	baz=9.0	eS	Sn	13 16 58.3	+0.8
SSLB	Suanglung baz=259	0.68 260 Pn	Pn	13 16 47.2	-1.0
SSLB	baz=259	Sn	Sn	13 16 55.6	-2.0
SSLB	baz=259	P	Pn	13 16 47.4	-0.8
SSLB	baz=259	iP	Pn	13 16 47.5	-0.8
SSLB	baz=259	S	Sn	13 16 55.4	-2.2
EOS3	EOS3 baz=66	0.69 57 <i>↑</i> eP	Pn	13 16 49.5	+1.3
NPDT	Guoxing baz=276	0.70 280 <i>↑</i> iP	Pn	13 16 48.1	-0.4
NPDT	baz=276	Pn	Pn	13 16 48.0	-0.5
NDT	Datong Townshi baz=351	0.71 347 <i>↑</i> iP	Pn	13 16 48.0	-0.5
NDT	baz=351	eS	Sn	13 16 56.6	-1.6
TWC	Suao baz=7.0	0.71 12 <i>↑</i> iP	Pn	13 16 48.5	-0.1
TWC	baz=7.0	eS	Sn	13 16 59.0	+0.7
EOS2	EOS2 baz=55	0.71 45 eP	Pn	13 16 49.8	+1.3
NDS	Dongshan baz=358	0.72 21 <i>↑</i> iP	Pn	13 16 48.1	-0.7
WCS	Beigang Elemen baz=291	0.72 282 <i>↑</i> eP	Pn	13 16 48.3	-0.5
ENTT	Nioudou baz=1.0	0.73 352 <i>↑</i> iP	Pn	13 16 48.4	-0.5
ENTT	baz=1.0	eS	Sn	13 16 58.0	-0.9
TYC	Yuchr baz=270	0.76 270 <i>↑</i> iP	Pn	13 16 48.5	-0.7
TYC	baz=270	eS	Sn	13 16 58.4	-1.0
CHKH	Chenggong baz=204	0.76 200 <i>↑</i> iP	Pn	13 16 48.9	-0.4
CHKH	baz=204	eS	Sn	13 16 59.9	+0.3
WHP	Taichung City baz=302	0.77 299 <i>↑</i> iP	Pn	13 16 49.0	-0.4
WHP	baz=302	eS	Sn	13 16 58.8	-1.0
WHYT	Xinyi Township baz=251	0.79 254 <i>↑</i> iP	Pn	13 16 49.7	0.0
WHYT	baz=251	eS	Sn	13 16 59.5	-0.8
YUS	Yu-Shan baz=229	0.79 238 <i>↑</i> iP	Pn	13 16 49.6	-0.5
YUS	baz=229	eS	Sn	13 16 59.6	-1.4
FULB	Fuli baz=211	0.79 207 eP	Pn	13 16 49.1	-0.6
FULB	baz=211	eS	Sn	13 17 00.9	+0.5
YHNB	Yeheng baz=350	0.81 340 Pn	Pn	13 16 49.4	-0.5
YHNB	baz=350	Sn	Pn	13 16 58.9	-1.9
YHNB	baz=350	P	Pn	13 16 49.5	-0.5
YHNB	baz=350	iP	Pn	13 16 49.6	-0.4
YHNB	baz=350	S	Sn	13 16 59.3	-1.5
TWE	Neicheng baz=3.0	0.81 359 <i>↑</i> iP	Pn	13 16 49.4	-0.5
TWE	baz=3.0	eS	Sn	13 16 59.6	-1.0
FUSB	Fushanzhiwuyua baz=5.0	0.85 354 <i>↑</i> iP	Pn	13 16 50.0	-0.6
FUSB	baz=5.0	eS	Sn	13 17 01.0	-0.9
ILA	ilan baz=360	0.85 4 eP	Pn	13 16 50.5	0.0
CHKT	Chengkung baz=207	0.86 200 <i>↑</i> iP	Pn	13 16 50.2	-0.5
CHKT	baz=207	i S	Sn	13 17 02.3	+0.4
NWLT	Wulai baz=348	0.88 349 <i>↑</i> iP	Pn	13 16 50.5	-0.5
NWLT	baz=348	S	Sn	13 17 01.3	-1.2
WJS	Zhushan baz=262	0.88 264 eP	Pn	13 16 51.2	+0.3
WJS	baz=262	eS	Sn	13 17 03.2	+0.7
NFF	Wufeng Townshi baz=330	0.88 324 <i>↑</i> iP	Pn	13 16 51.1	0.0
NFF	baz=330	eS	Sn	13 17 02.0	-0.7
ALS	Alishan baz=234	0.90 244 <i>↑</i> iP	Pn	13 16 51.4	-0.1
ALS	baz=234	i S	Sn	13 17 03.1	-0.3
WNT	Mingjian baz=266	0.92 268 <i>↑</i> iP	Pn	13 16 51.8	+0.4

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WNT	baz=266	S	Sn	13 17 03.8	+0.4
ECS	Chishang baz=213	0.92 208 eP	Pn	13 16 50.4	-1.1
ECS	baz=213	eS	Sn	13 17 02.6	-0.8
TWQ1	Liyutan baz=298	0.94 298 <i>↑</i> iP	Pn	13 16 52.0	+0.2
TWQ1	baz=298	iP	Pn	13 17 03.5	-0.4
ELDTW	Lidau baz=212	0.94 221 <i>↑</i> iP	Pn	13 16 50.7	-1.2
ELDTW	baz=212	eS	Sn	13 17 03.0	-1.2
NSTT	Nanjuang baz=308	0.95 319 <i>↑</i> iP	Pn	13 16 52.3	+0.4
NSTT	baz=308	eS	Sn	13 17 03.7	-0.5
LIOB	Emei baz=309	0.95 320 eP	Pn	13 16 52.5	+0.5
LIOB	baz=309	S	Sn	13 17 04.6	+0.3
EGS	baz=309	0.96 14 eP	Pn	13 16 52.2	+0.2
NSY	Sanyi baz=301	0.98 301 <i>↑</i> iP	Pn	13 16 52.6	+0.3
NSY	baz=301	eS	Sn	13 17 04.2	-0.8
NJD	Zhudong baz=338	0.98 327 eP	Pn	13 16 53.0	+0.7
EDH	Donghe baz=199	1.00 201 <i>↑</i> iP	Pn	13 16 51.7	-0.8
EDH	baz=199	eS	Sn	13 17 05.6	+0.2
WYL	Yuanlin Townsh baz=271	1.01 273 eP	Pn	13 16 53.2	+0.5
NMLH	Mianlin baz=308	1.03 308 eP	Pn	13 16 53.0	+0.1
NMLH	baz=308	S	Sn	13 17 05.9	-0.2
WCHH	Zhanghua baz=289	1.04 279 <i>↑</i> iP	Pn	13 16 53.5	+0.4
WCHH	baz=289	eS	Sn	13 17 06.8	+0.3
WDJ	Dajia District baz=295	1.05 295 <i>↑</i> iP	Pn	13 16 53.4	+0.2
WDJ	baz=295	eS	Sn	13 17 06.7	+0.1
WGK	Gukeng baz=256	1.05 258 <i>↑</i> iP	Pn	13 16 53.7	+0.4
WGK	baz=256	eS	Sn	13 17 07.5	+0.8
HSN1	Hsinchu baz=327	1.05 325 eP	Pn	13 16 53.9	+0.6
NHHD	Xindian Dist baz=354	1.06 352 eP	Pn	13 16 53.4	0.0
NHHD	baz=354	eS	Sn	13 17 06.6	-0.3
TIPB	Shuangxi baz=1.0	1.06 7 <i>↑</i> iP	Pn	13 16 53.6	+0.1
TIPB	baz=1.0	eS	Sn	13 17 08.2	+1.2
TWA	Mucha baz=357	1.07 355 <i>↑</i> iP	Pn	13 16 53.5	0.0
TWA	baz=357	eS	Sn	13 17 07.1	0.0
NJN	Zhunan baz=305	1.07 316 eP	Pn	13 16 53.5	0.0
NJN	baz=305	eS	Sn	13 17 07.4	+0.3
WDLH	Douliu baz=247	1.07 258 <i>↑</i> iP	Pn	13 16 54.0	+0.4
WDLH	baz=247	eS	Sn	13 17 08.4	+1.2
TATO	Taipei baz=247	1.07 350 Pn	Pn	13 16 53.4	-0.2
TATO	baz=247	Pn	Pn	13 16 53.5	-0.1
TATO	baz=247	P	Pn	13 16 53.5	0.1
TATO	baz=247	iP	Pn	13 17 07.4	+0.1
SBCB	Hsinchu baz=325	1.08 324 eP	Pn	13 16 54.2	+0.5
SBCB	baz=325	S	Sn	13 17 08.3	+0.8
WCKO	Fanlu baz=242	1.09 245 eP	Pn	13 16 54.4	+0.5
WCKO	baz=242	eS	Sn	13 17 08.7	+0.9
HSN	Hsinchu baz=327	1.10 324 eP	Pn	13 16 54.2	+0.3
HSN	baz=327	S	Sn	13 17 08.6	+0.6
STYH	Taoyuan baz=227	1.11 229 <i>↑</i> eP	Pn	13 16 54.1	0.0
STYH	baz=227	eS	Sn	13 17 08.2	0.0
LONT	Longtian baz=195	1.12 207 <i>↑</i> iP	Pn	13 16 52.7	-1.5
TWB1	Santiao Chiao baz=26	1.13 141 eP	Pn	13 16 54.9	+0.6
TWB1	baz=26	eS	Sn	13 17 10.1	+1.6
NHY	Taipei baz=356	1.13 355 eP	Pn	13 16 54.4	+0.1
NHY	baz=356	eS	Sn	13 17 08.6	0.0
TAP	Taipei baz=354	1.14 352 eP	Pn	13 16 54.3	-0.1
TAP	baz=354	eS	Sn	13 17 07.6	-1.2
NTY	Taoyuan baz=354	1.14 342 <i>↑</i> eP	Pn	13 16 54.7	+0.2
NTY	baz=354	eS	Sn	13 17 09.4	+0.5
TPUB	Ta-pu baz=227	1.14 238 Pn	Pn	13 16 54.5	0.0
TPUB	baz=227	Pn	Pn	13 16 54.8	+0.3
TPUB	baz=227	iP	Pn	13 16 55.1	+0.5
TPUB	baz=227	S	Sn	13 17 09.4	+0.5
NCUH	Zhongli baz=338	1.15 337 eP	Pn	13 16 54.8	+0.2
NCUH	baz=338	eS	Sn	13 17 10.3	+1.2
WFSB	Wufen Shan baz=353	1.16 4 P	Pn	13 16 54.9	+0.1
WFSB	baz=353	eS	Sn	13 17 09.8	+0.4
CHN2	Minshung baz=249	1.17 251 eP	Pn	13 16 55.8	+0.9
CHN2	baz=249	eS	Sn	13 17 10.7	+1.1
WTP	Ta-pu baz=233	1.18 236 <i>↑</i> iP	Pn	13 16 55.6	+0.5
WTP	baz=233	S	Sn	13 17 10.7	+0.7
SXI1	Grass Mountain baz=356	1.19 8 eP	Pn	13 16 55.5	+0.2
SXI1	baz=356	eS	Sn	13 17 10.3	0.0
WRL	Guolierlin Hig baz=268	1.20 270 eP	Pn	13 16 55.7	+0.4
WTK	Tukou baz=258	1.21 260 eP	Pn	13 16 56.0	+0.6
WTK	baz=258	eS	Sn	13 17 11.7	+1.2
TWS1	Kuangyinshan baz=3.0	1.21 349 <i>↑</i> iP	Pn	13 16 54.4	-1.1
TWS1	baz=3.0	eS	Sn	13 17 10.4	-0.2
TWG	Piniang baz=196	1.22 207 Pn	Pn	13 16 53.7	-1.9
TWG	baz=196	Pn	Pn	13 16 53.8	-1.9
TWGT	Beinan baz=196	1.22 207 eP	Pn	13 16 54.0	-1.6
TWGT	baz=196	iP	Pn	13 16 53.9	-1.8
CHY	Chiayi baz=248	1.23 251 eP	Pn	13 16 55.9	+0.2
CHY	baz=248	eS	Sn	13 17 12.1	+1.1
YM01	YM01 baz=357	1.23 355 eP	Pn	13 16 55.4	-0.5
YM01	baz=357	S	Sn	13 17 10.6	-0.7
NHW	Xinwu Township baz=324	1.23 332 eP	Pn	13 16 55.6	-0.2
NHW	baz=324	eP	Pn	13 16 55.5	-0.4
TNOU	National Taiwan baz=352	1.24 4 eP	Pn	13 17 12.2	+0.9
TNOU	baz=352	eS	Sn	13 17 12.2	+0.9

LDUT	Ludao baz=183	1.25 189 P	Pn	13 16 54.9	-1.0
LDUT	baz=183	S	Sn	13 17 11.5	-0.1
TTN	Taitung baz=194	1.25 203 eP	Pn	13 16 55.4	-0.7
TTN	baz=194	eS	Sn	13 17 10.5	-1.1
NTST	Danshui baz=4.0	1.27 350 eP	Pn	13 16 56.0	-0.2
NTST	baz=4.0	eS	Sn	13 17 12.7	+0.7
JYNG	Yongunijimaku baz=358	1.27 65 P	Pn	13 16 57.2	+1.0
JYNG	baz=358	eS	Pn	13 17 13.6	+1.5
YMO8	YMO8 baz=356	1.27 356 eP	Pn	13 16 55.5	-0.9
ANP	Anpu baz=234	1.28 353 eP	Pn	13 16 55.8	-0.7
CHN1	Nanshi baz=234	1.28 236 P	Pn	13 16 57.0	+0.5
CHN1	baz=234	eS	Sn	13 17 13.1	+0.6
SNST	Tainan City baz=236	1.29 238 eP	Pn	13 16	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MHZQ, XJSS, JMJP, ZPLA, SXFK, JOW, HKPS, KSRS, CMAR, SBUM, ASAJ, SONM, MKAR, MAKZ, ZALV, H11N1, H11N2, H11N3, H11S3, H11S1, H11S2, KURBB, WB0, WRA, WB2, WRO, BVAR, ASAR, ABKAR, ARMA, J17K, M16K, D19K, K17K, N17K, E21K, J20K, G21K, D22K, H21K, E22K, I23K, SUA, F24K, PMR, SML, ILAR, PWL, BMAR, SCM, J26L, K27K, EGAK, M27K, H29M, DAWY, CTGM, K29M.

NNC 09 13:19:20.3, 0.7, 46.105N, 83.16E, h0km, mb3.7, mpv3.6, Error ellipse: s-maj=5.0km s-min=3.3km az=87.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MK31, MAKZ, MAKZ, ZSN, ZSN, KAPS, KAPS, DJR, DJR, KNO5, KNO5, DJR, DJR, KNO5, KNO5, KTMS.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KTMS, BLB, BLB, SHLS, SHLS, SHLS, SHLS, KPKS, KPKS, ARXS, ARXS, ARXS, ARXS, UZB, UZB, UZB, UZB, ZHN, ZHN, ZHN, ZHN, SATY, SATY, SEM, SEM, SEM, SEM, ZHN, ZHN, ZHN, ZHN, SATY, SATY, SATY, SATY, KURBB, KURBB, KURBB, KURBB, D19K, K17K, N17K, E21K, J20K, G21K, D22K, H21K, E22K, I23K, SUA, F24K, PMR, SML, ILAR, PWL, BMAR, SCM, J26L, K27K, EGAK, M27K, H29M, DAWY, CTGM, K29M.

AFAD 09 13:42:18.8, 0.0, 36.43N, 28.71E, h7km, 3km, ML2.3, ISK 09 13:42:19.5, 36.57N, 28.75E, h5km, ML2.7/19, ISC 09 13:42:19.4, 1.2, 36.48N, 0.04, 28.74E, 0.02, h10km, 10km, n28, 0.65/93, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FETY, FETY, FETY, FETY, DALY, DALY, DALY, DALY, SABU, SABU, SABU, SABU, IZZE, IZZE, IZZE, IZZE, TURN, TURN, TURN, TURN, TURN, TURN, CAME, CAME, AKAS, AKAS, AKAS, AKAS, YER, YER, YER, YER, DNZT, DNZT, DNZT, DNZT, DAT, DAT, ELI, ELI, TAVA, TAVA, TAVA, TAVA, GOLH, GOLH, GOLH, GOLH, APMY, APMY, APMY, APMY, KORT, KORT, NAZL, NAZL, KARP, KARP, ANTB, ANTB, AYDB, AYDB, BCK, BCK, BASM, BASM, ISF, ISF, KULA, KULA, URLA, URLA.

GUC 09 13:48:32.0, 0.0, 82.97S, 71.97W, h28km, 6km, ML3.7, 8C-9D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VA01, VA01, VA01, VA06, VA06, VA06, VA01, VA01, VA01, VA06, VA06, VA06, JAM, JAM, JAM, JAM, JBT2, JBT2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VA05, VA05, MT02, MT02, ROCH, ROCH, MT01, MT01, PEL, PEL, PEL, MT05, MT05, MT09, MT09, VA03, VA03, VA03, MT10, MT10, MT10, CO04, CO04, CO04, MT14, MT14, MT14, MT16, MT16, FCH, FCH, FCH, BO03, BO03, BO03, BO04, BO04, BO04, BO01, BO01, BO01, MT13, MT13, MT13, MT08, MT08, MT08, LMEL, LMEL, LMEL, CO02, CO02, CO05, CO05, CO05, BO02, BO02, BO02, CO06, CO06, CO03, CO03, CO03, GO04, GO04, BI02, BI02, LCO, LCO, AC05, AC05, AC04.

BJI 09 13:55:08.8, 0.0, 42.67N, 142.36E, h37km, mb4.8/7.7, mB5.0/32, Ms4.5/67, Ms7.4/4.6/8

NEIC 09 13:55:12.0, 0.1, 42.79N, 0.05, 141.97E, 0.09, h21km, 3km, mb5.1/18, Mw4.7/13, Error ellipse: s-maj=9.7km s-min=6.6km az=110.0

NEIC 09 13:55:12.7, 42.78N, 142.10E, h14km, Moment Tensor Solution. Duration: 0.3 Moment tensor: Scale 10^19Nm; Mo:0.95; Ms:0.27; Mw:0.68; Mb:0.24; Ms:0.42; Mw:1.06; Fault plane solution: Mo:1.44000x10^16 NP1: 0.342, 24000, 669, 88000, 199, 58000, NP2: 0.136, 10000, 822, 20000, 165, 57000. Principal axes: T 1.4724, Plg64.0000, Azm268.0000; N -0.0678, Plg9.0000, Azm159.0000; P -1.4046, Plg24.0000, Azm65.0000;

JMA 09 13:55:13.8, 0.1, 42.8N, 0.3, 142.0E, 0.3, h35km, MD4.9/39, MW4.9/39, ISHIKARI DEPRESSION

JMA Feat 11/1 at ISHIKARI DEPRESSION

SKHL 09 13:55:13.1, 0.8, 42.70N, 141.80E, h43km, 6km, mb5.5/3, mbv5.7/2, ms4.6/6, msh6.5/7

MOS 09 13:55:13.0, 0.9, 42.80N, 141.85E, h41km, mb5.2/5.6, MS4.5/17, Error ellipse: s-maj=5.5km s-min=3.9km az=113.6

NIED 09 13:55:13.8, 42.78N, 141.98E, h35km, MW4.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mr:1.75; Ms:0.54; Mw:1.20; Mb:0.49; Ms:0.83; Mw:1.95; Fault plane solution: Mo:2.66000x10^16 NP1: 0.341, 00000, 370, 00000, 100, 00000, NP2: 0.133, 00000, 823, 00000, 164, 00000

IDC 09 13:55:16.1, 1.1, 42.82N, 141.92E, h54km, 9km, mb4.6/30, mb1mp4.8/36, MS4.1/70, Error ellipse: s-maj=11.0km s-min=8.0km az=121.0

GCMT 09 13:55:16.0, 0.3, 42.91N, 0.02, 142.02E, 0.02, h34km, 1km, MW4.9/78, Moment Tensor Solution. s40, c50, s78, c123; Duration: 0 Moment tensor: Scale 10^19Nm; Mr:2.11; Ms:1.3; Mw:0.41; Mb:0.9; Ms:1.69; Mw:0.62; Mb:0.9; Ms:1.44; Mb:0.6; Ms:1.74; 10; Best double couple: Mo:3.01200x10^16 NP1: 0.337, 00000, 364, 00000, 100, 00000, NP2: 0.135, 00000, 327, 00000, 170, 00000. Principal axes: T 2.7880, Plg69.0000, Azm267.0000; N 0.4560, Plg9.0000, Azm152.0000; P -3.2360, Plg19.0000, Azm59.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 09 13:55:18.1, 43.47N, 142.11E, h33km, mb5.0, ISC 09 13:55:13.6, 0.3, 42.77N, 0.02, 142.03E, h36km, h36km, pp-P, n1260, 11351016, mb5.0/395, MS4.3/103, 68C-36, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIAM, JIAM, JIAM, JIAM, JBT2, JBT2.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like MA2 Magadan, XLT XilinHaoTe, JMW Minamidaito 2, etc.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like YULB Yu-li, XAN Xi'an, CSH ChangSha, etc.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like K15K Wolf Creek Mou, O14K Tigykauiv M, D17K Noatak River, etc.

E20K	Nigu River	40.75	30	P	P	14 02 49.2	-1.4
F20K	Avaraart Lake	40.81	32	P	P	14 02 49.5	-1.5
Q17K	Contact Creek	40.84	46	P	P	14 02 50.4	-1.1
A21K	Barrow	41.04	26	P	P	14 02 51.0	-1.9
O18K	Koktuh Hills	41.05	43	P	P	14 02 51.5	-1.6
H20K	Anotleneega Mo	41.07	34	P	P	14 02 52.3	-0.9
P18K	Big Mountain,	41.07	44	P	P	14 02 50.8	-2.6
L19K	White Mountain	41.09	40	P	P	14 02 51.9	-1.5
I20K	Naaghedeneel	41.22	36	P	P	14 02 52.6	-1.9
Q18K	Katmai Handscr	41.26	45	P	P	14 02 53.3	-1.7
CHIR	Chirikof Island	41.29	49	P	P	14 02 55.6	+0.5
CHIR	Chirikof Island	41.29	49	P	P	14 02 53.1	-2.0
M19K	Big River Lodg	41.31	40	P	P	14 02 53.7	-1.6
N19K	Bonanza Creek	41.33	42	P	P	14 02 53.5	-2.1
C21K	Knifblade Rid	41.35	29	P	P	14 02 53.8	-1.7
J20K	Nowinta River	41.36	36	IAMB	IAMB	14 03 07.5	
J20K	Nowinta River	41.36	36	P	P	14 02 55.2	-0.5
K20K	Telida	41.41	38	P	P	14 02 54.7	-1.4
B21K	Ikpikpuk River	41.46	28	P	P	14 02 55.2	-1.2
O19K	Port Alsworth	41.46	43	P	P	14 02 55.5	-1.0
CRAI	Chingrai	41.48	25.0	IAMB	IAMB	14 02 58.7	
A22K	Sinclair Lake	41.52	26	P	P	14 02 55.8	-1.0
L20K	Farewell, AK	41.53	39	P	P	14 02 55.8	-1.3
IMAR	Indian Mountai	41.55	34	P	P	14 02 56.5	-0.7
E21K	Killik River	41.58	30	P	P	14 02 55.8	-1.6
UBPT	Khong Chiam	41.58	240	P	P	14 02 57.8	-0.1
G21K	Ailakaket	41.66	33	P	P	14 02 56.6	-1.5
R18K	Karluq	41.68	47	P	P	14 02 56.8	-1.5
F21K	Alatina River	41.70	32	P	P	14 02 57.1	-1.3
MK31	Makanchi Array	41.71	297	P	P	14 02 57.8	-1.0
MK31	Makanchi Array	41.71	297	P	P	14 02 58.5	-0.3
MKAR	Makanchi Array	41.71	297	P	P	14 02 58.1	-0.6
MKAR	Makanchi Array	41.71	297	P	P	14 02 58.4	-0.4
MKAR	Makanchi Array	41.71	297	P	P	14 04 54.5	+0.3
MKAR	Makanchi Array	41.71	297	P	P	14 08 42.1	+0.1
MKAR	Makanchi Array	41.71	297	P	P	14 21 14.7	
MAK2	Makanchi	41.91	297	P	P	14 02 59.8	-0.6
MAK2	Makanchi	41.91	297	P	P	14 03 01.7	
MAK2	Makanchi	41.91	297	P	P	14 03 00.1	-0.3
M20K	Styx River	41.91	40	IAMB	IAMB	14 03 13.1	
M20K	Styx River	41.91	40	P	P	14 02 59.0	-1.3
Q19K	Cape Douglas,	41.93	44	P	P	14 02 59.8	-0.6
H21K	Melozitna Rive	41.93	34	P	P	14 02 58.8	-1.5
B22K	Teshkepuk Lake	41.95	27	P	P	14 02 59.2	-1.1
SII	Sitkinak Island	41.97	48	P	P	14 02 59.8	-1.0
SEM	Sempalatinsk	42.03	303	eP	P	14 03 00.7	-1.0
SEM	Sempalatinsk	42.03	303	eP	P	14 03 00.6	-1.0
SEM	Sempalatinsk	42.03	303	eP	P	14 03 00.6	-1.0
P19K	Oil Pt	42.06	43	P	P	14 03 00.5	-1.0
D22K	Aiyikay River	42.08	29	P	P	14 03 00.2	-1.3
CHUM	Lake Minchumir	42.18	37	P	P	14 03 00.9	-1.4
F22K	John River	42.21	31	P	P	14 03 01.3	-1.3
I21K	Tanana	42.28	35	P	P	14 03 01.8	-1.4
PPLA	Purkaille	42.28	38	P	P	14 03 02.4	-1.0
Q20K	Slope Mountain	42.32	43	P	P	14 03 02.1	-1.5
OHAK	Old Harbor	42.35	47	P	P	14 03 03.5	-0.3
OHAK	Old Harbor	42.35	47	P	P	14 03 15.4	
OHAK	Old Harbor	42.35	47	P	P	14 03 04.9	+1.1
OHAK	Old Harbor	42.35	47	P	P	14 03 02.0	-1.8
E22K	Anaktuvuk Pass	42.37	31	P	P	14 03 02.3	-1.6
N20K	Mount Spurr	42.41	41	P	P	14 03 03.9	-0.5
SPCR	Spurr Shakacha	42.41	41	P	P	14 03 03.2	-1.2
LSA	Lhasa	42.46	269	P	P	14 03 07.2	+1.6
LSA	Lhasa	42.46	269	IAMB	IAMB	14 03 08.3	
LSA	Lhasa	42.46	269	P	P	14 03 06.3	+0.7
G22K	Bettles	42.46	32	P	P	14 03 03.1	-1.5
H22K	Ishitalna Cre	42.52	34	P	P	14 03 03.5	-1.7
Q20K	Shuyak Island	42.62	45	P	P	14 03 03.4	-1.6
KDAK	Kodiak Island	42.64	46	P	P	14 03 06.3	+0.2
KDAK	Kodiak Island	42.64	46	IAMB	IAMB	14 03 23.0	
KDAK	Kodiak Island	42.64	46	P	P	14 03 04.9	+1.1
KDAK	Kodiak Island	42.64	46	P	P	14 03 02.0	-1.8
E22K	Anaktuvuk Pass	42.37	31	P	P	14 03 02.3	-1.6
N20K	Mount Spurr	42.41	41	P	P	14 03 03.9	-0.5
SPCR	Spurr Shakacha	42.41	41	P	P	14 03 03.2	-1.2
LSA	Lhasa	42.46	269	P	P	14 03 07.2	+1.6
LSA	Lhasa	42.46	269	IAMB	IAMB	14 03 08.3	
LSA	Lhasa	42.46	269	P	P	14 03 06.3	+0.7
G22K	Bettles	42.46	32	P	P	14 03 03.1	-1.5
H22K	Ishitalna Cre	42.52	34	P	P	14 03 03.5	-1.7
Q20K	Shuyak Island	42.62	45	P	P	14 03 03.4	-1.6
KDAK	Kodiak Island	42.64	46	P	P	14 03 06.3	+0.2
KDAK	Kodiak Island	42.64	46	IAMB	IAMB	14 03 23.0	
KDAK	Kodiak Island	42.64	46	P	P	14 03 04.9	+1.1
KDAK	Kodiak Island	42.64	46	P	P	14 03 02.0	-1.8
E22K	Anaktuvuk Pass	42.37	31	P	P	14 03 02.3	-1.6
N20K	Mount Spurr	42.41	41	P	P	14 03 03.9	-0.5
SPCR	Spurr Shakacha	42.41	41	P	P	14 03 03.2	-1.2
LSA	Lhasa	42.46	269	P	P	14 03 07.2	+1.6
LSA	Lhasa	42.46	269	IAMB	IAMB	14 03 08.3	
LSA	Lhasa	42.46	269	P	P	14 03 06.3	+0.7
G22K	Bettles	42.46	32	P	P	14 03 03.1	-1.5
H22K	Ishitalna Cre	42.52	34	P	P	14 03 03.5	-1.7
Q20K	Shuyak Island	42.62	45	P	P	14 03 03.4	-1.6
KDAK	Kodiak Island	42.64	46	P	P	14 03 06.3	+0.2
KDAK	Kodiak Island	42.64	46	IAMB	IAMB	14 03 23.0	
KDAK	Kodiak Island	42.64	46	P	P	14 03 04.9	+1.1
KDAK	Kodiak Island	42.64	46	P	P	14 03 02.0	-1.8
E22K	Anaktuvuk Pass	42.37	31	P	P	14 03 02.3	-1.6
N20K	Mount Spurr	42.41	41	P	P	14 03 03.9	-0.5
SPCR	Spurr Shakacha	42.41	41	P	P	14 03 03.2	-1.2
LSA	Lhasa	42.46	269	P	P	14 03 07.2	+1.6
LSA	Lhasa	42.46	269	IAMB	IAMB	14 03 08.3	
LSA	Lhasa	42.46	269	P	P	14 03 06.3	+0.7
G22K	Bettles	42.46	32	P	P	14 03 03.1	-1.5
H22K	Ishitalna Cre	42.52	34	P	P	14 03 03.5	-1.7
Q20K	Shuyak Island	42.62	45	P	P	14 03 03.4	-1.6
KDAK	Kodiak Island	42.64	46	P	P	14 03 06.3	+0.2
KDAK	Kodiak Island	42.64	46	IAMB	IAMB	14 03 23.0	
KDAK	Kodiak Island	42.64	46	P	P	14 03 04.9	+1.1
KDAK	Kodiak Island	42.64	46	P	P	14 03 02.0	-1.8
E22K	Anaktuvuk Pass	42.37	31	P	P	14 03 02.3	-1.6
N20K	Mount Spurr	42.41	41	P	P	14 03 03.9	-0.5
SPCR	Spurr Shakacha	42.41	41	P	P	14 03 03.2	-1.2
LSA	Lhasa	42.46	269	P	P	14 03 07.2	+1.6
LSA	Lhasa	42.46	269	IAMB	IAMB	14 03 08.3	
LSA	Lhasa	42.46	269	P	P	14 03 06.3	+0.7
G22K	Bettles	42.46	32	P	P	14 03 03.1	-1.5
H22K	Ishitalna Cre	42.52	34	P	P	14 03 03.5	-1.7
Q20K	Shuyak Island	42.62	45	P	P	14 03 03.4	-1.6
KDAK	Kodiak Island	42.64	46	P	P	14 03 06.3	+0.2
KDAK	Kodiak Island	42.64	46	IAMB	IAMB	14 03 23.0	
KDAK	Kodiak Island	42.64	46	P	P	14 03 04.9	+1.1
KDAK	Kodiak Island	42.64	46	P	P	14 03 02.0	-1.8
E22K	Anaktuvuk Pass	42.37	31	P	P	14 03 02.3	-1.6
N20K	Mount Spurr	42.41	41	P	P	14 03 03.9	-0.5
SPCR	Spurr Shakacha	42.41	41	P	P	14 03 03.2	-1.2
LSA	Lhasa	42.46	269	P	P	14 03 07.2	+1.6
LSA	Lhasa	42.46	269	IAMB	IAMB	14 03 08.3	
LSA	Lhasa	42.46	269	P	P	14 03 06.3	+0.7
G22K	Bettles	42.46	32	P	P	14 03 03.1	-1.5
H22K	Ishitalna Cre	42.52	34	P	P	14 03 03.5	-1.7
Q20K	Shuyak Island	42.62	45	P	P	14 03 03.4	-1.6
KDAK	Kodiak Island	42.64	46	P	P	14 03 06.3	+0.2
KDAK	Kodiak Island	42.64	46	IAMB	IAMB	14 03 23.0	
KDAK	Kodiak Island	42.64	46	P	P	14 03 04.9	+1.1
KDAK	Kodiak Island	42.64	46	P	P	14 03 02.0	-1.8
E22K	Anaktuvuk Pass	42.37	31	P	P	14 03 02.3	-1.6
N20K	Mount Spurr	42.41	41	P	P	14 03 03.9	-0.5
SPCR	Spurr Shakacha	42.41	41	P	P	14 03 03.2	-1.2
LSA	Lhasa	42.46	269	P	P	14 03 07.2	+1.6
LSA	Lhasa	42.46	269	IAMB	IAMB	14 03 08.3	
LSA	Lhasa	42.46	269	P	P	14 03 06.3	+0.7
G22K	Bettles	42.46	32	P	P	14 03 03.1	-1.5
H22K	Ishitalna Cre	42.52	34	P	P	14 03 03.5	-1.7
Q20K	Shuyak Island	42.62	45	P	P	14 03 03.4	-1.6
KDAK	Kodiak Island	42.64	46	P	P	14 03 06.3	+0.2
KDAK	Kodiak Island	42.64	46	IAMB	IAMB	14 03 23.0	
KDAK	Kodiak Island	42.64	46	P	P	14 03 04.9	+1.1
KDAK	Kodiak Island	42.64	46	P	P	14 03 02.0	-1.8
E22K	Anaktuvuk Pass	42.37	31	P	P	14 03 02.3	-1.6
N20K	Mount Spurr	42.41	41	P	P	14 03 03.9	-0.5
SPCR	Spurr Shakacha	42.41	41	P	P	14 03 03.2	

Table with columns: ID, Name, Time, Date, Status, Location, etc. Includes entries like Blue Mountains, Circle Bar, ISAL, MNK, etc.

Table with columns: ID, Name, Time, Date, Status, Location, etc. Includes entries like RNPP8, RNPP5, RNPP4, etc.

Table with columns: ID, Name, Time, Date, Status, Location, etc. Includes entries like RSDS, RSDS, RSDS, etc.

Table with columns: ID, Station Name, Time, Res, and other details for stations like MTBS, KRBS, KK31, etc.

IDC 09 14:10:13.8:2.2, 6.37S:129.71E, h0km, mb3.9/2, mmtbp4.0/4, ML4.2/2, Error ellipse: s-maj=117.9km s-min=28.4km az=65.0, Banda Sea

Table with columns: Code, Station Name, Time, Res, and other details for stations like WRA, ASAR, CMAR, MKAR, etc.

NOU 09 14:27:02.0, 23:07S:178.01W, h467km, mb3.9/11, South of Fiji Islands

IDC 09 14:27:02.0, 23:07S:178.01W, h467km, mb3.9/11, South of Fiji Islands

NEIC 09 14:27:02.2, 24.27S:179.02E, h567km, 20km, mb3.1/3, mmtbp4.1/6, Error ellipse: s-maj=25.6km s-min=21.8km az=60.0

ISC 09 14:27:26.8:0.9, 24.67S:179.1E, h549km, n61, a158/60, mb4.0/7, South of Fiji Islands

Main table of station data for the left column, including codes, station names, times, and residuals for various stations like RAOF, MSFV, PINNC, etc.

NEIC 09 14:45:31.5:1.5, 6.0S:0.1, 154.8E:0.1, h170km, 8km, mb4.3/35, Error ellipse: s-maj=17.3km s-min=13.5km az=24.0

IDC 09 14:45:35.0:3.2, 6.04S:154.85E, h210km, 30km, mb3.5/13, mmtbp4.1/15, Error ellipse: s-maj=18.1km s-min=15.5km az=61.0

ISC 09 14:45:33.6:0.5, 5.98S:154.77E, h200km, n78, a131/80, mb4.1/29, Bougainville-Solomon Islands region

Main table of station data for the middle column, including codes, station names, times, and residuals for various stations like VLAKA, KOUNC, ARMA, etc.

DJA 09 14:56:46.9:0.5, 9.5S:101.17E, h106km, 6km, M3.5/11, MLv3.5/11, Jawa

Code Station Name Time Res

Table with columns: Code, Station Name, Time, Res, and other details for stations like KPJI, CMJI, SRBI, etc.

MEX 09 14:59:10.8:0.7, 14.49N:92.20W, h83km, 9km, MD3.8

GCG 09 14:59:13.0:0.3, 14.65N:92.12W, h62km, 10km, MD3.7

ISC 09 14:59:12.8:1.8, 14.5N:92.22W, h58km, 14km, n10, c089/17, Near coast of Chiapas

Main table of station data for the right column, including codes, station names, times, and residuals for various stations like THIG, STG3, PAVE, etc.

UPA 09 15:01:41.1:0.3, 11.03N:84.58W, h10km

CATAC 09 15:01:42.5:0.3, 12.12N:83.26W, h9km, ML4.4

UCR 09 15:01:44.9:1.3, 12.08N:83.27W, h35km, 999km, MW4.3

ISC 09 15:01:40.7:1.9, 12.09N:83.26W, h0km, 13km, n44, c191/64, Nicaragua

Code Station Name Time Res

Code Station Name Time Res

Code Station Name Time Res

Code Station Name Time Res

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THE 09 16:35:06.0, 36:55'N-28:64'E, h0km, ML3.2/3, Error ellipse: s-maj=2.0km s-min=0.9km az=106.0

ISC 09 16:35:03.9, 1.0, 36.43N, 0.02, 28.78E, 0.02, h10km, 7km, 1156, 0.1942/202, mb3.6/7, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like FETHIYE, DALYAN, MULA-DALAMAN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like THRS, CHOS, AKAMAS, ALFCA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TATJ, JMA, NEIC, etc.

9d 19h

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station identifiers like BKI, SMKR, KMNK, etc.

MOS 09 19:31:32.3:0.9, 10:01'Sx161.29E, h58km, mb6.7/41, MS6.0/37, Error ellipse: s-maj=8.6km s-min=5.5km b=1.8

2018 SEP

Moment Tensor Solution, s172.c456; s174.c766; Duration: 4s4 Moment tensor: Scale: 10^19Nm; Mw: 4.14;0.3; Mw: 3.23;0.3; Mw: 1.91;0.03; Mw: 1.35;0.03; Mw: 4.82;0.02; Mw: 3.50;0.03; Best double couple; Mo: 7.200x10^18 Np1: 0.340,000000; 0.69,000000; 1.29,000000; NP2: 0.102,000000; 0.48,000000; 1.43,000000; Principal axes: T 7.5940, P1g56.00000; Azm34.00000; N -0.0160, P1g33.00000; Azm138.00000; P -7.5790, P1g6.00000; Azm43.00000; nsta1 refers to body waves, cutoff=50s; nsta2 refers to surface/mantle waves, cutoff=50s; Triangular moment-rate function

ISC 09 19:31:35.7:0.1, 10:17'Sx161.44E, h79km, 1km, h79km; PP-P.1781; 2805/2102, mb6.3/402, 208C-37D, Bougainville-Solomon Islands region

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

618

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station identifiers like KDU, AUSMG, GUMO, GUMO, GUMO, etc.

SKR	comp=Z,33um,21.5s	60.77 356	eP	P	19 41 38.6	-0.5
SKR	Severo-Kuril's		ePPP	PPP	19 45 26.3	
SKR			eS	S	19 49 57.4	+7.3
SKR	comp=Z,500nm,1.8s		pmax	pmax		
SKR	comp=Z,3um,8.1s			MLR		
SKR	comp=Z,6um,18.0s			MLR		
UBPT	Khong Chiam	60.93 294	P	P	19 41 40.6	-0.4
UBPT	Khong Chiam	60.93 294	↑P	P	19 41 40.4	-0.6
GULI	GulLin	60.96 306	↑P	P	19 41 41.0	0.0
GULI			S	S	19 49 54.0	+0.5
GULI	comp=Z,300nm,1.4s		pmax	pmax		
GULI	comp=Z,5um,23.9s		LR	LR		
GULI	comp=Z,7um,24.0s		LR	LR		
GULI	comp=Z,14um,23.9s		LR	LR		
BKNI	Bangkinang	60.97 276	P	P	19 41 40.2	-1.1
BKNI	Bangkinang	60.97 276	↑P	P	19 41 42.5	+1.2
BKNI	Bangkinang	60.97 276	↑P	P	19 41 40.6	-0.7
DL2	Dalian	61.29 325	↑P	P	19 41 43.1	+0.2
DL2			pP	pwP	19 42 06.5	+1.6
DL2			S	S	19 49 56.0	-1.2
DL2			sS	sS	19 50 31.2	-0.2
DL2	comp=Z,2um,1.3s		pmax	pmax		
DL2	comp=Z,8um,7.5s		LR	LR		
DL2	comp=Z,8um,28.4s		LR	LR		
DL2	comp=Z,9um,25.5s		LR	LR		
DL2	comp=Z,24um,32.4s		LR	LR		
UGL	Ulegorsk	61.41 346	eP	P	19 41 47.6	+4.1
UGL			eS	S	19 49 58.6	+0.3
UGL	comp=Z,900nm,1.2s		pmax	pmax		
UGL	comp=Z,7um,2.8s		smax	smax		
UGL	comp=N,4um,9.0s		smax	smax		
UGL	comp=E,7um,9.0s		MLR	MLR		
UGL	comp=E,4um,17.0s		MLR	MLR		
MDJ	Mudanjiang	61.67 335	P	P	19 41 45.8	+0.4
MDJ			pP	pP	19 42 03.2	-1.8
MDJ			PcS	PcS	19 46 29.7	+0.7
MDJ			S	S	19 50 04.8	+2.9
MDJ			sS	sS	19 50 35.4	-1.1
MDJ	comp=Z,510nm,1.0s		pmax	pmax		
MDJ	comp=Z,9um,3.8s		LR	LR		
MDJ	comp=Z,7um,20.3s		LR	LR		
MDJ	comp=Z,8um,21.0s		LR	LR		
MDJ	comp=Z,16um,21.6s		LR	LR		
MDJ	Mudanjiang	61.67 335	P	P	19 41 45.7	+0.3
MDJ			sP	sP	19 42 17.7	+4.2
RKT	Rikitea	61.86 111	eP	P	19 41 47.7	+0.6
RKT	comp=Z,197nm,1.2s		eS	S	19 50 03.8	-1.3
RKT	comp=Z,19um,30.5s		eSS	SS	19 54 02.6	-5.9
RKT	comp=Z,32um,36.0s		eLQ	LQ	19 57 36.3	
RKT	comp=Z,142um,32.8s		eLR	LR	20 00 11.0	
RKT	comp=Z,348um,30.5s		eLR	LR	20 00 12.0	
RKT	comp=Z,915nm,29.5s		eLR	LR	20 00 12.0	
IPM	Iphoh	61.90 281	P	P	19 41 46.5	-1.1
IPM	Iphoh	61.90 281	↑P	P	19 41 46.6	-1.0
TIA	Taian	62.19 320	S	S	19 41 48.3	-0.8
TIA			sS	sS	19 50 04.7	-4.0
TIA			pmax	pmax	19 50 39.9	-2.6
TIA	comp=Z,170nm,0.8s		pmax	pmax		
TIA	comp=Z,810nm,3.5s		LR	LR		
TIA	comp=Z,6um,20.1s		LR	LR		
TIA	comp=Z,8um,20.1s		LR	LR		
TIA	comp=Z,9um,16.5s		LR	LR		
SNY	Shenyang	62.33 329	↑P	P	19 41 49.5	-0.3
SNY			S	S	19 50 11.7	+1.5
SNY	comp=Z,110nm,1.1s		pmax	pmax		
SNY	comp=Z,670nm,1.8s		LR	LR		
SNY	comp=Z,10um,22.3s		LR	LR		
SNY	comp=Z,9um,24.2s		LR	LR		
SNY	comp=Z,13um,23.2s		LR	LR		
KULM	Kulim	62.46 281	IAMB	IAMB	19 42 00.9	
KULM	Kulim	62.46 281	P	P	19 41 49.9	-1.4
KULM	Kulim	62.46 281	↑P	P	19 41 50.1	-1.2
CN2	Changchun	62.88 331	↑P	P	19 41 53.7	+0.2
CN2			eP	P	19 42 16.9	+1.2
CN2			PcP	PcP	19 42 31.7	+0.6
CN2			S	S	19 50 16.7	-0.4
CN2	comp=Z,1um,1.2s		pmax	pmax		
CN2	comp=Z,6um,3.0s		LR	LR		
CN2	comp=Z,8um,22.0s		LR	LR		
CN2	comp=Z,6um,22.0s		LR	LR		
CN2	comp=Z,12um,23.0s		LR	LR		
TYV	Tymovskoe	62.93 347	eP	P	19 41 55.1	+1.4
TYV			eS	S	19 50 22.3	+4.9
TYV	comp=Z,366nm,1.6s		pmax	pmax		
TYV	comp=Z,3um,3.8s		smax	smax		
TYV	comp=N,2um,7.8s		smax	smax		
PET	Petropavlovsk	62.98 358	P	P	19 41 53.3	-0.7
PET	Petropavlovsk	62.98 358	↑P	P	19 41 53.6	-0.4
PET			e'SP	pP	19 42 17.2	+3.2
PET			e	S	19 42 30.8	
PET			iS	S	19 50 19.0	+1.1
PET			e'SS	sS	19 50 49.8	-2.1
PET			e	S	19 51 39.4	
PET	comp=Z,513nm,1.4s		pmax	pmax		
PET	comp=Z,4um,4.1s		pmax	pmax		
PET	comp=Z,3um,15.3s		MLR	MLR		
PET	comp=Z,6um,15.0s		MLR	MLR		
PET	Petropavlovsk	62.98 358	P	P	19 41 53.5	-0.4
PET	Petropavlovsk	62.98 358	pP	pP	19 41 53.5	-0.4
PET	Petropavlovsk	62.98 358	sP	sP	19 42 25.4	+2.7
PET	Petropavlovsk	62.98 358	↑P	P	19 41 53.5	-0.4
PEA0B	Petropavlovsk	63.10 357	ceP	P	19 41 54.6	-0.2
PETK	Petropavlovsk	63.10 357	P	P	19 41 53.7	-1.0
PETK	Petropavlovsk	63.10 357	P	P	19 41 54.6	-0.2
PETK	comp=Z,200nm,0.9s,baz=166,slow=5.9,SNR=78		S	S	19 50 16.2	-3.3
PETK	comp=Z,3.0nm,1.0s,baz=166,slow=8.5,SNR=1.4		S	S	19 50 16.2	-3.3

PETK	comp=Z,9um,21.0s,baz=174,slow=33		LR	LR	20 06 03.2	
AMKA	Amchitka	63.22 12	P	P	19 41 55.3	-0.2
COCO	West Island	63.28 261	P	P	19 41 56.7	0.0
COCO	West Island	63.28 261	P	P	19 41 56.7	0.0
COCO			pmax	pmax		
BNX	BinXian	63.50 334	↑P	P	19 41 57.4	-0.1
BNX			S	S	19 50 25.9	+1.2
BNX	comp=Z,1um,1.2s		pmax	pmax		
BNX	comp=Z,8um,5.7s		LR	LR		
BNX	comp=Z,5um,19.0s		LR	LR		
BNX	comp=Z,8um,21.7s		LR	LR		
RPSI	Rantau Prapat	63.53 278	P	P	19 41 56.5	-1.9
RPSI			IAMB	IAMB	19 42 00.9	
RPSI	comp=Z,721nm,1.5s		P	P	19 41 56.5	-2.2
PSI	Prapat	63.56 278	P	P	19 41 56.5	-2.2
PSI			pmax	pmax		
SHEM	Shemya Is. Ala	63.58 9	LR	LR	20 04 50.2	
ENSH	Enshi	64.09 311	IAMB	IAMB	19 42 04.8	
ENH	Enshi	64.09 311	P	P	19 42 00.6	-1.2
ENH			sP	sP	19 42 32.5	+2.4
LYN	LuoYang	64.25 316	↑P	P	19 42 02.2	-0.5
LYN			pP	pP	19 42 26.5	+1.3
LYN			S	S	19 50 34.0	-0.5
LYN	comp=Z,560nm,1.4s		pmax	pmax		
LYN	comp=Z,8um,10.7s		LR	LR		
LYN	comp=Z,5um,17.5s		LR	LR		
LYN	comp=Z,6um,17.5s		LR	LR		
LYN	comp=Z,22um,26.5s		pmax	pmax		
SURA	Surathani	64.44 285	P	P	19 42 04.3	0.0
HNS	HongShan	64.45 320	↑P	P	19 42 03.4	-0.5
HNS			pP	pP	19 42 27.7	+1.5
HNS			PcP	PcP	19 42 35.3	-2.3
HNS			PP	PP	19 44 27.6	+0.9
HNS			S	S	19 50 33.0	-3.8
HNS	comp=Z,1um,1.4s		pmax	pmax		
HNS	comp=Z,7um,3.8s		LR	LR		
HNS	comp=Z,9um,20.7s		LR	LR		
HNS	comp=Z,2um,20.7s		LR	LR		
HNS	comp=Z,10um,20.2s		LR	LR		
GYA	Guiyang	64.45 306	↑P	P	19 42 04.2	-0.1
GYA			pP	pP	19 42 21.9	-2.5
GYA			sP	sP	19 42 29.4	-3.6
GYA			S	S	19 50 33.3	-4.0
GYA			sS	sS	19 51 00.9	-2.8
GYA	comp=Z,100nm,1.7s		pmax	pmax		
GYA	comp=Z,6um,21.5s		LR	LR		
GYA	comp=Z,7um,18.6s		LR	LR		
GYA	comp=Z,6um,28.5s		LR	LR		
GYA	comp=Z,16um,36.3s		LR	LR		
GRNR	Gornyy	64.47 343	↑P	P	19 42 04.6	+0.8
GRNR			eS	S	19 50 40.8	+4.3
GRNR	comp=N,60nm,1.1s		pmax	pmax		
GRNR	comp=E,30nm,1.1s		pmax	pmax		
GRNR	comp=Z,150nm,1.2s		smax	smax		
GRNR	comp=E,9.0nm,1.0s		MLR	MLR		
GRNR	comp=E,2um,17.0s		pmax	pmax		
GSI	Gunungsitoli	64.56 276	P	P	19 42 03.8	-1.4
GSI	Gunungsitoli	64.56 276	↑P	P	19 42 04.0	-1.1
GSI	Gunungsitoli	64.56 276	↑P	P	19 42 04.0	-1.1
SLVN	Son La	64.58 299	P	P	19 42 05.2	0.0
ADK	Adak	64.62 15	P	P	19 42 04.8	+0.1
ADK	Adak	64.62 15	P	P	19 42 04.9	+0.2
ADK	Adak	64.62 15	P	P	19 42 04.8	+0.1
ADK			pmax	pmax		
ADK	comp=Z,1um,1.4s		P	P	19 42 04.9	+0.2
ADK			pP	pP	19 42 27.8	+3.3
ADK			sP	sP	19 42 37.4	-0.5
KLR	Kul'dur	64.64 339	↑P	P	20 05 23.4	
KLR	comp=Z,7um,21.9s,baz=151,slow=31		ceP	P	19 42 05.4	+0.4
KLR	Kul'dur	64.64 339	pmax	pmax		
KLR	comp=Z,1um,1.3s		MLR	MLR		
KLR	comp=Z,6um,18.0s		MLR	MLR		
BJT	Baijiatou	65.18 323	IAMB	IAMB	19 42 13.2	
BJT	Beijing	65.19 323	P	P	19 42 08.4	-0.3
BJT			S	S	19 50 43.8	-2.0
BJT	comp=Z,98nm,1.3s		pmax	pmax		
BJT	comp=Z,3um,19.6s		LR	LR		
BJT	comp=Z,2um,21.7s		LR	LR		
BJT	comp=Z,4um,22.0s		LR	LR		
NKL	Nikolayevsk	65.51 346	eP	P	19 42 09.2	-1.3
NKL			eS	S	19 50 54.2	+5.0
NKL	comp=N,398nm,1.3s		pmax	pmax		
NKL	comp=E,957nm,1.4s		pmax	pmax		
NKL	comp=Z,3um,1.4s		smax	smax		
NKL	comp=E,1um,5.7s		smax	smax		
NKL	comp=N,1um,5.4s		MLR	MLR		
CASY	Casey	65.70 200	P	P	19 42 11.5	-0.1
CASY	Casey	65.70 200	P	P	19 42 11.5	-0.1
CASY			PcP	sP	19 42 40.4	+0.4
CASY	Casey	65.70 200	↑P	P	19 42 11.5	-0.1
LHMI	Lhok Sumawe	66.03 280	↑P	P	19 42 13.4	-1.2
TIY	Tiyan	66.09 319	↑P	P	19 42 14.4	-0.2
TIY			pP	pP	19 42 33.5	-1.0
TIY			sP	sP	19 42 41.6	-1.4
TIY			S	S	19 50 57.2	+0.2
TIY	comp=E,200nm,1.2s		pmax	pmax		
TIY	comp=E,5um,6.8s		LR	LR		
TIY	comp=E,6um,21.4s		LR	LR		
TIY	comp=E,5um,25.5s		LR	LR		
TIY	comp=E,11um,25.1s		LR	LR		
SRDT	SRDT	66.42 291	P	P	19 42 17.2	+0.1
XAN	Xian	66.44 314	↑P	P	19 42 16.5	-0.4
XAN			pP	pP	19 42 39.8	+0.7
XAN						

I17K	baz=218,SNR=30	S	S	19 53 30.8 +5.4
G15K	baz=218,SNR=72	P	P	19 43 32.5 +0.4
G15K	baz=214,SNR=72	S	S	19 53 30.0 +4.1
J17K	baz=214,SNR=1.0s	IAMB	IAMB	19 43 40.8
J17K	baz=220,SNR=222	P	P	19 43 33.5 +1.1
J17K	baz=220	S	S	19 53 29.0 +2.8
J17K	baz=220	S	S	19 53 29.0 +2.8
BRLL	Bradley Lake comp=Z,405nm,1.0s	IAMB	IAMB	19 43 57.8
JPG	JALPAICUFI comp=Z,272nm,0.6s	IAMB	IAMB	19 43 36.1
JPG	BRSE	ex	x	19 43 38.5
BRSE	baz=228	S	S	19 53 31.2 +3.6
H16K	Elim baz=216,SNR=15	S	S	19 43 33.3 +0.3
H16K	baz=216	S	S	19 53 30.8 +3.3
M19K	Big River Lodg comp=Z,675nm,0.9s	IAMB	IAMB	19 43 39.4
M19K	Big River Lodg baz=224,SNR=477	P	P	19 43 35.3 +1.1
M19K	baz=224	S	S	19 53 34.1 +4.2
M19K	baz=224	S	S	19 53 34.1 +4.2
L19K	White Mountain comp=Z,478nm,0.9s	IAMB	IAMB	19 44 01.5
L19K	White Mountain baz=224,SNR=396	P	P	19 43 35.3 +0.8
L19K	baz=224	S	S	19 53 34.3 +3.9
L19K	baz=224	S	S	19 53 34.3 +3.9
F15K	North Star Dit comp=Z,582nm,1.5s	IAMB	IAMB	19 43 39.1
F15K	North Star Dit baz=214,SNR=80	P	P	19 43 34.9 +0.3
F15K	baz=214	S	S	19 53 34.6 +4.0
QSPA	South Pole Qui comp=Z,714nm,1.1s	IAMB	IAMB	19 43 35.1 -0.4
QSPA	South Pole Qui comp=Z,268nm,0.9s,slow=2.1,SNR=172	P	P	19 43 35.3 -0.1
QSPA	comp=Z,98nm,0.8s,slow=5.4,SNR=3.1	pp	pp	19 43 57.2 +0.7
QSPA	comp=Z,3.9nm,1.2s,slow=203,slow=3.1,SNR=3.7	PKKP	PKKP	20 02 07.7 -4.5
QSPA	comp=Z,2.1nm,0.7s,slow=206,slow=0.8,SNR=7.6	PKKPbc	PKKPbc	20 02 22.1 -2.3
QSPA	comp=Z,6.8nm,1.1s,slow=227,slow=1.0,SNR=7.6	P'P'df	P'P'df	20 10 21.7 -3.9
QSPA	comp=Z,4.4nm,21.7s,slow=5.5,slow=32	LR	LR	20 14 10.3
N20K	Mout Spurr baz=226,SNR=32	P	P	19 43 34.8 -0.9
N20K	baz=226	S	S	19 53 31.0 -1.6
SPCR	Spurr Chakacha baz=226,SNR=20	P	P	19 43 34.5 -1.1
SPCR	baz=226	S	S	19 53 33.2 +0.6
CAPN	Captain Cook N baz=227,SNR=17	P	P	19 43 37.1 +1.2
CAPN	baz=227	S	S	19 53 36.3 +3.1
G16K	Koyuk River comp=Z,525nm,1.2s	IAMB	IAMB	19 43 40.8
G16K	Koyuk River baz=216,SNR=178	P	P	19 43 36.6 +0.4
G16K	baz=216	S	S	19 53 36.1 +2.5
M20K	Styx River comp=Z,507nm,1.6s	IAMB	IAMB	19 43 41.0
M20K	Styx River baz=225,SNR=178	P	P	19 43 36.6 +0.1
M20K	baz=225	S	S	19 53 36.8 +2.5
M20K	baz=225	S	S	19 53 36.8 +2.5
J18K	Innok River comp=Z,325nm,1.1s	IAMB	IAMB	19 43 40.9
J18K	Innok River baz=222,SNR=265	P	P	19 43 36.7 +0.3
J18K	baz=222	S	S	19 53 36.9 +2.7
SEW	Seward baz=229,SNR=23	P	P	19 43 37.1 +0.1
SEW	baz=229	S	S	19 53 38.4 +3.2
L20K	Farewell, AK baz=225,SNR=349	P	P	19 43 38.0 +0.7
L20K	baz=225	S	S	19 53 38.3 +2.3
L20K	baz=225	S	S	19 53 38.3 +2.3
H17K	Granite Mounta baz=218,SNR=172	P	P	19 43 38.0 +0.4
H17K	baz=218	S	S	19 53 40.3 +3.8
O22K	Cooper Landing baz=229,SNR=17	P	P	19 43 37.9 +0.1
O22K	baz=229	S	S	19 53 38.7 +1.9
MOY	Mondy comp=Z,934nm,2.6s	eP	pmax	19 43 38.9 -0.2
G17K	Kiwalik Mounta baz=218,SNR=141	P	P	19 43 39.3 +0.4
G17K	baz=218	S	S	19 53 42.7 +3.7
SUA	Susitna One comp=Z,411nm,1.1s	IAMB	IAMB	19 43 43.1
SUA	Susitna One baz=228,SNR=104	P	P	19 43 39.1 -0.3
SUA	baz=228	S	S	19 53 39.1 -0.9
SKT	Skwentna baz=227,SNR=111	P	P	19 43 38.1 -1.6
SKT	baz=227	S	S	19 53 40.0 -0.5
RC01	Rabbit Creek A comp=Z,399nm,1.1s	IAMB	IAMB	19 44 04.8
RC01	Rabbit Creek A baz=229,SNR=96	P	P	19 43 39.9 0.0
RC01	baz=229	S	S	19 53 44.6 +3.7
J19K	Poorman comp=Z,537nm,1.2s	IAMB	IAMB	19 43 45.2
J19K	Poorman baz=223,SNR=328	P	P	19 43 41.0 +0.8
J19K	baz=223	S	S	19 53 45.1 +3.4
J19K	baz=223	S	S	19 53 45.1 +3.4
K20K	Telida comp=Z,582nm,1.1s	IAMB	IAMB	19 43 45.2
K20K	Telida baz=224,SNR=417	P	P	19 43 41.0 +0.6
K20K	baz=224	S	S	19 53 46.2 +4.4
K20K	baz=224	S	S	19 53 46.2 +4.4
H18K	Honhosa River baz=220,SNR=51	P	P	19 43 40.7 0.0
H18K	baz=220	S	S	19 53 45.6 +3.0
P23K	Montague Isian baz=231	P	P	19 43 41.1 +0.3
P23K	baz=231	S	S	19 53 45.5 +2.8
P23K	baz=231	S	S	19 53 45.5 +2.8
Q23K	Middleton Isla comp=Z,1um,1.7s	IAMB	IAMB	19 43 45.9
Q23K	Middleton Isla baz=232,SNR=8.1	P	P	19 43 41.7 +0.6

Q23K	baz=232	S	SKSac	19 53 49.2 -3.4
Q23K	baz=232	S	SKSac	19 53 49.2 -3.4
MID	Middleton Isla comp=Z,1um,1.7s	IAMB	IAMB	19 43 45.9
GCSA	Galena City Sc comp=Z,222,SNR=24	P	P	19 43 41.6 +0.4
GCSA	baz=222	S	S	19 53 46.7 +3.1
M22K	Willow baz=228,SNR=64	P	P	19 43 41.2 -0.3
M22K	baz=228	S	S	19 53 44.6 +0.6
PWL	Port Wells comp=Z,648nm,1.1s	IAMB	IAMB	19 44 07.4
PWL	Port Wells baz=230,SNR=132	P	P	19 43 42.0 +0.2
PWL	baz=230	S	S	19 53 47.7 +2.8
PPLA	Purkeypile baz=226,SNR=128	P	P	19 43 41.3 -0.7
PPLA	baz=226	S	S	19 53 46.1 +1.0
BOK	Bokoro comp=Z,153nm,1.4s	eP	IAMB	19 43 42.3 -0.6
BOK	baz=226,SNR=128	IAMB	IAMB	19 43 49.2
F17K	Baldwin Pennin comp=Z,683nm,1.3s	IAMB	IAMB	19 43 47.5
F17K	Baldwin Pennin baz=217,SNR=45	P	P	19 43 42.5 +0.4
F17K	baz=217	S	S	19 53 48.1 +2.9
PMR	Palmer comp=Z,229,SNR=77	P	P	19 43 42.7 0.0
PMR	baz=229	P	P	19 43 42.8 0.0
PMR	baz=229	S	S	19 53 46.4 -0.1
J20K	Nowinta River comp=Z,1um,1.4s	IAMB	IAMB	19 43 48.9
J20K	Nowinta River baz=224,SNR=423	P	P	19 43 44.2 +0.9
J20K	baz=224	S	S	19 53 51.4 +3.8
J20K	baz=224	S	S	19 53 51.4 +3.8
G18K	Tagagawik comp=Z,363nm,1.2s	IAMB	IAMB	19 43 47.5
G18K	Tagagawik baz=220,SNR=279	P	P	19 43 43.4 +0.1
G18K	baz=220	S	S	19 53 49.3 +1.6
KNK	Knik Glacier comp=Z,298nm,1.2s	IAMB	IAMB	19 44 25.3
KNK	Knik Glacier baz=230,SNR=79	P	P	19 43 43.6 +0.1
KNK	baz=230	S	S	19 53 50.4 +2.4
CUT	Chulitna baz=228,SNR=44	P	P	19 43 42.9 -0.6
CUT	baz=228	S	S	19 53 48.8 +0.9
GHO	Glory Hole Cre comp=Z,574nm,1.3s	IAMB	IAMB	19 43 48.2
HIN	Hinchinbrook I comp=Z,298nm,0.9s	IAMB	IAMB	19 43 51.2
E17K	Hotham Inlet baz=216,SNR=351	P	P	19 43 44.5 +0.4
E17K	baz=216	S	SKSac	19 53 55.4 -2.9
GLI	Glacier Island comp=Z,349nm,1.0s	IAMB	IAMB	19 43 51.4
GLI	Glacier Island baz=231,SNR=47	P	P	19 43 44.5 +0.1
GLI	baz=231	S	S	19 53 53.5 +3.7
F18K	Selawik baz=219,SNR=152	P	P	19 43 49.1 +0.1
F18K	baz=219	S	S	19 53 53.6 +3.0
H19K	Roundabout Mbu comp=Z,480nm,1.2s	P	P	19 43 45.4 +0.5
H19K	baz=222,SNR=980	S	S	19 53 53.7 +2.8
SML	Sawmill comp=Z,1um,1.4s	IAMB	IAMB	19 43 49.5
SML	Sawmill baz=230,SNR=166	P	P	19 43 45.4 +0.2
SML	baz=230	S	S	19 53 52.5 +1.3
FID	Port Fidalgo comp=Z,480nm,1.2s	IAMB	IAMB	19 43 51.5
I20K	Naaghedeneel baz=224,SNR=292	P	P	19 43 46.0 +0.9
I20K	baz=224	S	SKSac	19 53 55.4 -2.1
CHUM	Lake Minchumin baz=226,SNR=285	P	P	19 43 45.5 +0.3
CHUM	baz=226	S	S	19 53 53.3 +2.0
D17K	Noatak River baz=215,SNR=94	P	P	19 43 45.5 +0.3
D17K	baz=215	S	SKSac	19 53 55.1 -2.6
C16K	Lisburne Hills comp=Z,464nm,1.4s	IAMB	IAMB	19 43 49.4
C16K	Lisburne Hills baz=219,SNR=26	P	P	19 43 45.2 +0.1
C16K	baz=219	S	S	19 53 54.0 +2.7
EYAK	Cordova Ski Ar comp=Z,415nm,1.1s	P	P	19 43 46.3 +0.3
EYAK	Cordova Ski Ar baz=232,SNR=48	P	P	19 43 46.0 0.0
EYAK	baz=232	S	S	19 53 55.1 +2.2
M23K	Glacier View baz=230,SNR=58	P	P	19 43 46.4 +0.2
M23K	baz=230	S	S	19 53 55.3 +2.0
KNGR	Kungurtug, Tuv comp=Z,891nm,1.3s	iP	pmax	19 43 46.6 -0.1
KNGR	baz=230	MLR	MLR	
KTH	Kantishna Hill comp=Z,2um,14.0s	IAMB	IAMB	19 43 50.3
G19K	Purcell Mounta baz=221,SNR=433	P	P	19 43 46.8 +0.3
G19K	baz=221	S	S	19 53 55.7 +1.9
KAIM	Kayak Island comp=Z,516nm,0.9s	IAMB	IAMB	19 44 15.1
KAIM	Kayak Island baz=234,SNR=64	P	P	19 43 47.9 +1.0
KAIM	baz=234	S	SKSac	19 53 59.2 -0.8
RDOG	Red Dog Mine baz=215	P	P	19 43 47.4 +0.4
RDOG	baz=215	S	SKSac	19 53 58.4 -1.5
SCM	Sheep Creek Mo comp=Z,745nm,1.4s	IAMB	IAMB	19 43 51.7
SCM	Sheep Creek Mo baz=231,SNR=121	P	P	19 43 47.3 +0.1
SCM	baz=231	S	S	19 53 56.7 +1.5
E18K	Tukpahleark C comp=Z,415nm,1.1s	IAMB	IAMB	19 43 52.1
E18K	Tukpahleark C baz=218,SNR=182	P	P	19 43 47.4 +0.4
E18K	baz=218	S	S	19 53 56.3 +1.4
H20K	Anotileneega Mo baz=223,SNR=462	P	P	19 43 47.7 +0.5
H20K	baz=223	S	S	19 53 56.9 +1.7
PALK	Raggele comp=Z,394nm,1.3s	IAMB	IAMB	19 43 54.3
PALK	Raggele baz=229,SNR=110	P	P	19 43 49.1 0.0
PALK	Pallekele comp=Z,459nm,1.2s	IAMB	IAMB	19 44 21.3
PALK	Pallekele comp=Z,3um,18.0s,slow=40	LR	LR	20 26 24.9
PALK	Pallekele baz=229,SNR=177	iP	pmax	19 43 49.4 +0.3
PALK	baz=229,SNR=177	pmax	pmax	
WAT1	Susitna Watana comp=Z,253nm,1.2s	P	P	19 43 48.2 +0.1

WAT1	baz=230	S	S	19 53 58.9 +1.7
BPAW	Bear Paw Mtn, comp=Z,577nm,1.4s	IAMB	IAMB	19 43 52.2
BPAW	Bear Paw Mtn, baz=227,SNR=281	P	P	19 43 47.5 -0.7
BPAW	baz=227	S	S	19 53 59.0 +1.7
F19K	Shaleruckik Mo comp=Z,856nm,1.4s	IAMB	IAMB	19 43 52.5
F19K	Shaleruckik Mo baz=220,SNR=347	P	P	19 43 48.5 +0.3
F19K	baz=220	S	S	19 53 59.2 +1.9
HMT	Hamilton comp=Z,342nm,1.0s	IAMB	IAMB	19 44 15.8
C17K	DeLong Mounta baz=215,SNR=37	P	P	19 43 49.0 +0.5
C17K	baz=215	S	SKSac	19 54 01.0 -0.9
KLU	Klutina comp=Z,298nm,1.0s	IAMB	IAMB	19 43 56.0
KLU	Klutina baz=232,SNR=174	P	P	19 43 49.5 +0.7
KLU	baz=232	S	SKSac	19 54 02.2 -0.3
WAT6	Susitna Watana baz=230,SNR=204	P	P	19 43 48.9 -0.1
WAT6	baz=230	S	S	19 53 59.0 +0.3
BMRM	Bremner River baz=233,SNR=113	P	P	19 43 50.0 +0.3
BMRM	baz=233	S	SKSac	19 54 04.2 +0.5
BGLC	Dening Glacier baz=235	P	P	19 43 50.8 +1.0
BGLC	baz=235	S	S	19 54 02.2 +1.8
MALK	Mahakanadarawa comp=Z,574nm,1.2s	P	P	82.61 280
M24K	Tolson Glenn baz=232,SNR=125	P	P	82.66 22
M24K	baz=232	S	SKSac	19 54 04.7 +0.4
MCK	McKinley baz=229,SNR=511	P	P	82.72 20
MCK	baz=229	S	S	19 43 50.0 -0.5
I21K	Tanana baz=226	P	P	82.72 18
I21K	baz=226	S	SKSac	19 43 51.0 +0.5
I21K	baz=226	S	SKSac	19 54 04.6 +0.1
IMAR	Indian Mountai comp=Z,399nm,1.0s	P	P	82.77 17
SNH	Sunshine Point comp=Z,399nm,1.0s	IAMB	IAMB	82.81 25
H21K	Melozitna River comp=Z,574nm,1.2s	IAMB	IAMB	82.81 17
H21K	Melozitna River baz=225,SNR=375	P	P	82.81 17
H21K	baz=225	S	SKSac	19 43 51.6 +0.7
H21K	baz=225	S	SKSac	19 54 06.1 +1.0
DHY	Denali Highway baz=231,SNR=142	IAMB	IAMB	82.83 21
DHY	baz=231	P	P	82.83 21
DHY	baz=231,SNR=142	S	SKSac	19 43 51.4 +0.1
C18K	Utukok River comp=Z,539nm,1.2s	IAMB	IAMB	82.91 13
C18K	Utukok River baz=217,SNR=108	P	P	82.91 13
C18K	baz=217	S	S	19 43 51.7 +0.3
E19K	Redstone River baz=221,SNR=386	P	P	82.92 15
E19K	baz=221	S	SKSac	19 43 52.3 +0.8
N25K	Chitina, Valde comp=Z,348nm,1.0s	IAMB	IAMB	82.94 23
N25K	Chitina, Valde baz=233,SNR=335	P	P	82.94 23
N25K	baz=233	S	SKSac	19

I23K	baz=229		S	SKSac	19 54 10.3 +0.6	
GRNC	Granite Creek comp=Z,125nm,1.3s	83.56	24	IAMB	IAMB	19 44 01.0
C19K	Lookout Ridge baz=218,SNR=144	83.63	13	P	P	19 43 55.9 +0.8
C19K			S	S	19 54 14.2 +3.4	
F21K	Alatna River comp=Z,370nm,1.1s	83.73	16	IAMB	IAMB	19 44 00.7
F21K	Alatna River baz=224,SNR=287	83.73	16	P	P	19 43 55.9 +0.2
F21K			S	S	19 54 12.5 +0.6	
MDM	Murphy Dome comp=Z,589nm,1.1s	83.75	19	IAMB	IAMB	19 43 59.8
E20K	Nigu River baz=222,SNR=340	83.78	15	P	P	19 43 56.8 +0.8
E20K			S	S	19 54 13.9 +1.4	
COLA	College comp=Z,561nm,1.0s			IAMB	IAMB	19 43 55.1 -1.0
COLA	College baz=230	83.82	19	P	P	19 43 54.9 -1.2
COLA	College baz=230	83.82	19	P	P	19 43 55.8 -0.3
COLA			S	S	19 54 12.9 +0.2	
COLA	College comp=Z,669nm,1.2s	83.82	19c	I/P	P	19 43 55.1 -1.0
HDA	Harding Lake baz=231,SNR=555	83.83	20	P	P	19 43 55.8 -0.4
HDA			S	SKSac	19 54 12.4 +0.6	
MDRS	Chennai comp=Z,309nm,1.6s	83.83	284	eP	IAMB	19 43 57.1 -0.1
MDRS	Chennai comp=Z,309nm,1.6s	83.83	25	P	IAMB	19 43 59.8
MDRS	Pinnacle baz=237,SNR=85	83.83	25	P	I/P	19 44 28.5 +2.0
PINM	Pinnacle baz=237,SNR=85			S	S	19 43 56.8 +0.4
PINM				S	S	19 54 16.8 +3.5
K24K	Donnelly Dome baz=232,SNR=122	83.85	21	P	P	19 43 56.8 +0.4
K24K				S	S	19 54 13.6 +0.4
K24K				S	S	19 54 13.6 +0.4
CTG	Chitna Glacier baz=236,SNR=149	83.86	24	P	P	19 43 57.5 +0.9
CTG			S	S	19 54 19.7 +6.0	
H23K	Yukon River baz=228	83.91	18	P	P	19 43 56.9 +0.3
H23K				S	S	19 54 17.2 +3.5
H23K				S	S	19 54 17.2 +3.5
LOGN	Logan Glacier comp=Z,445nm,1.1s	83.92	25	IAMB	IAMB	19 44 31.1
MAW	Mawson comp=Z,176nm,1.3s,baz=91,slow=8.2,SNR=53	83.93	202	P	P	19 43 56.5 -0.2
MAW	Mawson comp=Z,176nm,1.3s,baz=91,slow=8.2,SNR=53			pP	pP	19 44 17.9 -0.1
MAW	Mawson comp=Z,454nm,0.9s,baz=97,slow=9.0,SNR=25			S	SKSac	19 54 08.6 -3.9
MAW	Mawson comp=Z,3.3nm,0.9s,baz=90,slow=11.1,SNR=2.6			PKPKP	P/P/df	20 10 16.3 -1.8
MAW	Mawson comp=Z,1.7nm,0.4s,baz=248,slow=5.2,SNR=5.7			LR	LR	20 19 10.8
PNL	Peninsula comp=Z,176nm,1.3s	83.97	26	P	P	19 43 57.0 0.0
PNL	Peninsula baz=238,SNR=39	83.97	26	P	P	19 43 57.5 +0.5
PNL			S	S	19 54 16.9 +2.4	
D20K	Etiyuk River baz=221,SNR=267	84.02	14	P	P	19 43 57.6 +0.5
D20K				S	S	19 54 16.2 +1.5
M26K	Nabesna, AK comp=Z,336nm,0.9s	84.02	23	P	IAMB	19 44 22.6
M26K	Nabesna, AK baz=235,SNR=275	84.02	23	P	P	19 43 57.9 +0.6
M26K				S	S	19 54 18.9 +3.8
M26K				S	S	19 54 18.9 +3.8
G22K	Bettles baz=226	84.07	17	P	P	19 43 57.9 +0.5
G22K				S	S	19 54 17.0 +1.8
IL31		84.08	20	IAMB	IAMB	19 44 01.5
ILAR	Eielson Array comp=Z,99nm,0.7s,baz=230,slow=5.0,SNR=196	84.08	20	P	P	19 43 56.5 -0.9
ILAR				pP	pP	19 44 19.3 -1.0
ILAR				S	S	19 54 14.9 -0.4
ILAR				PKPK	PKPKP	20 02 00.6 -5.6
ILAR				PKPKbc	PKPKbc	20 02 13.0 -1.7
ILAR				PKPKPK	P/P/df	20 10 16.0 +0.3
ILAR				LR	LR	20 15 36.3
POKR	Poker Plat Res comp=Z,408nm,1.3s	84.11	19	IAMB	IAMB	19 44 00.8
POKR	Poker Plat Res baz=230,SNR=51	84.11	19	P	P	19 43 57.0 -0.7
POKR				S	S	19 54 16.6 +0.9
RIDG	Independent Ri comp=Z,519nm,1.2s	84.14	21	IAMB	IAMB	19 44 34.4
RIDG	Independent Ri baz=233,SNR=270	84.14	21	P	P	19 43 58.0 +0.1
RIDG				S	S	19 54 17.8 +1.7
A19K	Wainwright baz=217,SNR=45	84.19	12	P	P	19 43 58.2 +0.3
A19K				S	S	19 54 18.7 +2.5
O28M	Mount Upton baz=237,SNR=323	84.22	25	P	P	19 43 59.1 +0.5
O28M				S	S	19 54 23.1 +5.5
L26K	Log Cabin Wild comp=Z,380nm,1.2s	84.26	22	IAMB	IAMB	19 44 04.5
L26K	Log Cabin Wild baz=234,SNR=50	84.26	22	P	P	19 43 59.2 +0.8
L26K				S	S	19 54 21.1 +3.9
L26K				S	S	19 54 21.1 +3.9
DIB	Dawson Inlet comp=Z,371nm,1.1s	84.26	34	IAMB	IAMB	19 44 25.5
F22K	John River baz=226	84.29	16	P	P	19 43 59.3 +0.8
F22K				S	S	19 54 23.0 +5.6
G23K	Bananza Creek comp=Z,485nm,1.3s	84.36	17	IAMB	IAMB	19 44 03.6
G23K	Bananza Creek baz=228,SNR=188	84.36	17	P	P	19 43 59.6 +0.8
G23K				S	S	19 54 23.9 +5.7
M27K	Edge Creek, AK baz=236,SNR=360	84.43	23	P	P	19 44 00.2 +0.7
M27K				S	S	19 54 24.7 +5.5
M27K				S	S	19 54 24.7 +5.5
H24K	Noodor Dome baz=230,SNR=95	84.44	19	P	P	19 43 58.5 -0.8
H24K				S	S	19 54 20.4 +1.4
H24K				S	S	19 54 20.4 +1.4
TIXI	Tiksi comp=Z,3um,20.9s,baz=165,slow=35	84.46	350	P	LR	19 43 58.2 -1.0
TIXI	Tiksi comp=Z,3um,20.9s,baz=165,slow=35	84.46	350	LR	LR	20 20 35.0
TIXI	Tiksi comp=Z,3um,20.9s,baz=165,slow=35	84.46	350	eP	P	19 43 58.4 -0.8
TIXI				pmax	pmax	

TIXI	comp=Z,1um,1.7s			MLR	MLR	
E21K	comp=Z,3um,21.0s	84.48	15	P	P	19 43 59.8 +0.4
E21K	Killik River baz=224			S	S	19 54 23.4 +4.1
J25K	baz=224	84.49	20	IAMB	IAMB	19 44 03.9
J25K	Salcha River comp=Z,312nm,1.0s	84.49	20	P	P	19 43 59.6 0.0
J25K	Salcha River baz=232,SNR=342			S	S	19 54 23.4 +3.8
J25K				S	S	19 54 23.4 +3.8
SIT	baz=232	84.53	29	P	P	19 44 00.9 +1.1
SIT	Sitka baz=242	84.53	29	P	P	19 43 59.8 0.0
SIT				S	S	19 54 27.4 +7.3
S31K	baz=242	84.53	28	P	P	19 44 00.2 +0.4
S31K	Pelican baz=241,SNR=31			S	S	19 54 26.3 +6.3
S31K				S	S	19 54 26.3 +6.3
HG4B	Hot Spring comp=Z,3um,1.2s	84.58	35	IAMB	IAMB	19 44 27.3
SCRK	Sand Creek comp=Z,230nm,0.9s	84.58	21	P	P	19 44 00.7 +0.5
SCRK	Sand Creek baz=234,SNR=278			S	S	19 54 24.4 +3.7
COLD	Coldfoot baz=234	84.66	17	P	P	19 44 01.2 +0.9
COLD	Coldfoot comp=Z,228,SNR=107			S	S	19 54 25.9 +4.9
O29M	Mount Kennedy comp=Z,1um,2.0s	84.66	26	IAMB	IAMB	19 44 06.6
O29M	Mount Kennedy baz=239,SNR=53	84.66	26	P	P	19 44 01.5 +0.9
O29M				S	S	19 54 26.4 +4.8
YUK3	baz=239	84.66	24	P	P	19 44 01.6 +0.9
YUK3	Moose Creek baz=237,SNR=121			S	S	19 54 25.9 +4.1
P29M	baz=237	84.67	26	IAMB	IAMB	19 44 05.3
P29M	Windy Craggy comp=Z,566nm,1.6s	84.67	26	P	P	19 44 01.1 +0.5
P29M				S	S	19 54 28.1 +6.5
YUK8	baz=240	84.68	25	P	P	19 44 02.0 +1.1
YUK8	Steele Glacier baz=238,SNR=427			S	S	19 54 28.1 +6.1
RPN	baz=238	84.76	117	LR	LR	20 15 49.1
C21K	Rapa Nui comp=Z,2um,19.2s,baz=270,slow=31	84.80	14	P	P	19 44 02.1 +1.1
C21K	Knifeflade Rid baz=223,SNR=416			S	S	19 54 26.6 +4.3
E22K	baz=223	84.83	16	P	P	19 44 01.8 +0.6
E22K	Anaktuvuk Pass baz=226,SNR=120			S	S	19 54 26.8 +4.0
L27K	baz=226	84.84	22	IAMB	IAMB	19 44 06.5
L27K	Beaver Creek baz=236,SNR=454			S	S	19 54 26.2 +3.7
BCAR	baz=236	84.86	22	P	P	19 44 02.2 +0.7
B20K	Beaver Creek A comp=Z,378nm,0.9s	84.88	13	IAMB	IAMB	19 44 07.7
B20K	Meade River baz=221,SNR=129	84.88	13	P	P	19 44 01.9 +0.5
B20K				S	S	19 54 24.9 +1.8
CRAG	baz=221	84.90	31	P	P	19 44 03.0 +1.3
CRAG	Craig baz=244	84.90	31	P	P	19 44 01.8 +0.1
CRAG				S	S	19 54 28.1 +4.3
KMPM	baz=244	84.93	48	IAMB	IAMB	19 44 39.1
R31K	Mount Pierce comp=Z,551nm,1.4s	84.97	28	P	P	19 44 02.1 0.0
R31K	City Hall, Gus baz=242			S	S	19 54 28.0 +3.5
PRP	baz=242	84.99	20	P	P	

9d 19h

Table with columns for station name, frequency, and various signal quality metrics (PKP, P, S, etc.). Includes stations like Ar Rayn, Obninsk, Storozhevoye, Divnogorie, etc.

2018 SEP

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like ANGG Ammassalik, TBLU Trondheim, Slitere, etc.

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Table with columns for station name, frequency, and various signal quality metrics. Includes stations like Floro, Novodnistrovsk, Horodok, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PSBE, PMTG, PESTR, etc.

NEIC 09 20:04:47.6±0.0, 36°45'S, 0°17'17.84W, h10km, 2km, mb4.6/11, Error ellipse: s-maj=24.3km s-min=8.2km az=5.0

IDC 09 20:04:48.4±11.0, 36°01'S, 179°18'W, h0km, mb4.2/3, mbtmp4.1/4, ML3.6/1, Error ellipse: s-maj=208.3km s-min=46.1km az=115.0

ISC 09 20:04:46.5±1.5, 36°35'N, 02°17'7.0W, h2.0, h10km, n21, e1532/22, mb4.5/9, East of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MXZ, URZ, RTZ, etc.

ATH 09 20:20:23.0, 38°37'N, 21°99'E, h10km, 31km, ML1.7/2, Error ellipse: s-maj=31.6km s-min=1.4km az=0.0, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EFP, UPR, ANX, etc.

ATH 09 20:20:56.0, 38°75'N, 20°59'E, h6km, 1km, ML1.1/3, Manual Solution by M.Papanikolaou This location: 2020/06/28 21:27:53 ML Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 0 km; Longitude uncertainty: 1 km, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LK2D, DRAG, TSUK, etc.

BUI 09 20:28:45.1±0.0, 52°30'N, 157°45'E, h151km, mb4.8/63, mB5.0/5

KRSC 09 20:28:46.4±1.0, 51°96'N, 157°85'E, h150km, 7km, ML5.1 MOS 09 20:28:46.9±1.0, 52°14'N, 157°25'E, h152km, mb4.5/20, Error ellipse: s-maj=8.0km s-min=3.5km az=74.1

IDC 09 20:28:48.2±0.4, 52°30'N, 157°11'E, h147km, 2km, mb4.0/32, mbtmp4.5/38, Error ellipse: s-maj=9.1km s-min=7.2km az=147.0

NEIC 09 20:28:48.2±1.6, 52°25'N, 09°15'W, 0.2, h145km, 3km, mb4.9/419, Error ellipse: s-maj=14.8km s-min=11.5km az=131.0

ISC 09 20:28:47.6±0.3, 52°16'N, 003°15'73.1E, h144km, 2km, h144km, p-P, n807, e1927/713, mb4.8/286, 16C-11D, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAK, ADK, KDR, etc.

INSR Institute 1.21 40 eP Pn 20 29 14.1 +0.3

INSR Institute 1.21 40 eP Pn 20 29 14.0 +0.3

INSR Institute 1.24 45 eP Pn 20 29 14.1 +0.1

DALK Dalny 1.24 45 eP Sn 20 29 14.1 +0.1

DALK Dalny 1.24 45 eP Sn 20 29 14.1 +0.1

DALK Dalny 1.24 45 eP Sn 20 29 14.1 +0.1

KOK Koryakia 1.40 35 eP Sn 20 29 16.8 +1.1

KOK Koryakia 1.40 35 eP Sn 20 29 16.8 +1.1

KOK Koryakia 1.40 35 eP Sn 20 29 16.8 +1.1

UGLR Uglovaya 1.40 41 eP Sn 20 29 16.7 +0.9

UGLR Uglovaya 1.40 41 eP Sn 20 29 16.7 +0.9

UGLR Uglovaya 1.40 41 eP Sn 20 29 16.7 +0.9

AVH Avacha 1.41 37 eP Pn 20 29 16.8 +1.0

AVH Avacha 1.41 37 eP Pn 20 29 16.8 +1.0

SMAR Somma 1.43 39 eP Pn 20 29 17.0 +0.8

SMAR Somma 1.43 39 eP Pn 20 29 17.0 +0.8

SMAR Somma 1.43 39 eP Pn 20 29 17.0 +0.8

KRER Koryakskii 1.45 37 eP Sn 20 29 17.1 +0.8

KRER Koryakskii 1.45 37 eP Sn 20 29 17.1 +0.8

KRER Koryakskii 1.45 37 eP Sn 20 29 17.1 +0.8

KRER Koryakskii 1.45 37 eP Sn 20 29 17.1 +0.8

ARIK Arik 1.46 34 eP Sn 20 29 17.2 +0.8

ARIK Arik 1.46 34 eP Sn 20 29 17.2 +0.8

ARIK Arik 1.46 34 eP Sn 20 29 17.2 +0.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SRDR, LGNR, CIRR, etc.

J14K	comp=Z,45nm,0.7s	I Amb	I Amb	20 33 43.6	
J14K	Nanvaranak Lak baz=261,SNR=30	23.19	48 P	P	20 33 41.8 +0.7
TIXI	Tiksi comp=Z,14nm,0.6s,baz=133,slow=13,SNR=7.3	23.26	33	P	20 33 40.8 -0.9
TIXI	Tiksi	23.26	338	i P	20 33 41.7 0.0
FALS	False Pass	23.30	66 P	P	20 33 44.2 +1.9
FALS	False Pass	23.30	68 P	P	20 33 43.4 +1.1
F15K	North Star Dit baz=253,SNR=10.0	23.39	40 P	P	20 33 44.6 +1.6
L14K	Kuka Creek comp=Z,30nm,0.7s	23.42	51 P	I Amb	20 33 44.1 +0.8
L14K	Kuka Creek baz=266	23.44	42 P	P	20 33 44.4 +1.0
G15K	Niukuk baz=256	23.73	53 P	P	20 33 47.1 +1.0
M14K	Bethel	23.73	53 P	P	20 33 47.2 +1.0
M14K	Bethel baz=268,SNR=23	23.79	278 P	P	20 33 45.8 -1.0
HIA	Hailar	23.79	278 P	P	20 33 47.5 +0.7
HIA	Hailar	23.79	278 P	P	20 33 45.8 -1.0
HIA	Hailar			pmax	
N14K	Kuskokwak Cree comp=Z,74nm,0.6s	23.85	55 P	P	20 33 48.1 +0.9
S12K	Black Hills baz=270,SNR=20	23.94	65 I Amb	I Amb	20 33 51.5
S12K	Black Hills comp=Z,45nm,0.8s	23.94	65 P	P	20 33 49.2 +1.1
C16K	Lisburne Hills baz=279,SNR=5.9	24.02	34 P	P	20 33 48.7 +0.1
C16K	Lisburne Hills baz=247	24.02	34 P	P	20 33 49.3 +0.7
L15K	Ungalak Mounta baz=266,SNR=23	24.02	51 P	P	20 33 49.8 +1.1
K15K	Wolf Creek Moun baz=264,SNR=33	24.06	49 P	P	20 33 50.0 +0.9
O14K	Tiguyukuiwet M comp=Z,55nm,0.9s	24.06	56 I Amb	I Amb	20 33 52.0
O14K	Tiguyukuiwet M comp=Z,272,SNR=9.4	24.06	56 P	P	20 33 50.1 +1.0
H16K	Elm baz=258,SNR=6.1	24.11	43 P	P	20 33 50.5 +1.0
G16K	Koyuk River baz=257,SNR=7.3	24.23	41 P	P	20 33 51.6 +1.1
M15K	Kasliuk River baz=269,SNR=53	24.36	53 P	P	20 33 52.8 +1.0
J16K	Anvik River comp=Z,26nm,0.8s	24.59	47 I Amb	I Amb	20 33 57.6
J16K	Anvik River baz=263,SNR=19	24.59	47 P	P	20 33 54.9 +1.0
D17K	Noatak River baz=251	24.60	36 P	P	20 33 54.6 +0.7
I17K	Unalakleet baz=262	24.64	45 P	P	20 33 55.1 +0.8
N15K	Kwethluk River baz=265,SNR=7	24.65	54 P	P	20 33 55.3 +0.9
N15K	Kwethluk River baz=270,SNR=49	24.65	54 P	P	20 33 55.3 +0.9
RDOG	Red Dog Mine baz=250	24.79	35 P	P	20 33 56.2 +0.5
O15K	Ungalikhuk R baz=273,SNR=13	24.80	57 P	P	20 33 56.8 +0.9
C17K	DeLong Mountai baz=249	24.84	34 P	P	20 33 56.5 +0.3
E17K	Hothlam Inlet baz=254,SNR=19	24.88	38 P	P	20 33 57.1 +0.7
F17K	Baldwin Pennin baz=256	24.92	39 P	P	20 33 57.5 +0.7
G17K	Kwialik Mounta baz=258,SNR=18	24.94	41 P	P	20 33 57.8 +0.7
L16K	Owahat River comp=Z,20nm,0.7s	24.98	51 I Amb	I Amb	20 33 58.9
L16K	Owahat River baz=268,SNR=25	24.98	51 P	P	20 33 58.1 +0.7
BOD	Doaibo comp=Z,2um,0.7s	25.13	300	e P	20 33 58.5 -0.4
BOD	Doaibo			pmax	
H17K	Granite Mounta comp=Z,19nm,0.7s	25.14	43 I Amb	I Amb	20 34 02.8
H17K	Granite Mounta baz=260,SNR=20	25.14	43 P	P	20 33 59.7 +0.8
M16K	Timber Creek comp=Z,33nm,0.7s	25.21	52 I Amb	I Amb	20 34 03.2
M16K	Timber Creek baz=270,SNR=26	25.21	52 P	P	20 34 00.5 +0.9
KSRS	Korea Array comp=Z,3.7nm,0.7s	25.29	246	P	20 34 01.3 +0.8
J17K	VABM Dome baz=264,SNR=36	25.29	47 P	P	20 34 01.2 +1.0
N16K	Nishik Lake baz=271,SNR=30	25.30	34 P	P	20 34 01.5 +1.1
E18K	Tukpahlearik C baz=254,SNR=5.7	25.43	37 P	P	20 34 02.6 +1.2
CHNA	Chernabura Isl baz=258,SNR=17	25.48	67 P	P	20 34 03.9 +1.9
CHNA	Chernabura Isl baz=282,SNR=17	25.48	67 P	P	20 34 03.1 +1.1
L17K	Donlin baz=268,SNR=21	25.56	50 P	P	20 34 03.6 +0.9
F18K	Selawik baz=257	25.58	39 P	P	20 34 03.5 +0.7
C18K	Utukok River baz=251,SNR=7.0	25.59	34 P	P	20 34 03.7 +0.8
K17K	Iditarod baz=259,SNR=28	25.59	48 P	P	20 34 03.7 +0.8
K17K	Iditarod baz=267,SNR=28	25.59	48 P	P	20 34 04.0 +1.1
B18K	Kokolik River baz=249	25.63	32 P	P	20 34 04.1 +0.9
O16K	Kokwak River B baz=273,SNR=6	25.67	56 P	P	20 34 04.1 +0.5
P16K	Nushagak River baz=275	25.76	57 P	P	20 34 05.2 +0.7
H18K	Honhosa River comp=Z,20nm,0.7s	25.83	43 P	I Amb	20 34 05.2 +0.2
H18K	Honhosa River baz=262,SNR=16	25.83	43 P	P	20 34 06.8
H18K	Honhosa River baz=272,SNR=18	25.83	43 P	P	20 34 05.8 +0.8
G18K	Tagagawik comp=Z,22nm,0.7s	25.83	41 I Amb	I Amb	20 34 06.8
G18K	Tagagawik baz=260,SNR=29	25.83	41 P	P	20 34 05.6 +0.5
CHGN	Chignik baz=280	25.86	63 P	P	20 34 06.3 +0.8
M17K	Holtina River baz=270,SNR=48	25.95	51 P	P	20 34 07.1 +0.9
N17K	Nushagak Hills comp=Z,20nm,0.7s	26.09	53 I Amb	I Amb	20 34 09.2
N17K	Nushagak Hills baz=272,SNR=18	26.09	53 P	P	20 34 08.3 +0.8
O17K	Koliganek Bris baz=274,SNR=17	26.17	55 P	P	20 34 08.9 +0.7
C19K	Lookout Ridge baz=292	26.28	34 P	P	20 34 09.8 +0.6
L18K	Granite Mounta comp=Z,15nm,0.8s	26.31	49 I Amb	I Amb	20 34 11.6
L18K	Granite Mounta baz=269,SNR=16	26.31	49 P	P	20 34 10.4 +0.9
J18K	Innoko River baz=267,SNR=19	26.36	47 P	P	20 34 10.5 +0.7
F19K	Shalerucki Mo baz=259,SNR=13	26.36	39 P	P	20 34 10.2 +0.4
GCSA	Galena City Sc baz=264	26.40	44 P	P	20 34 10.5 +0.3
Q16K	King Salmon baz=276	26.48	57 P	P	20 34 11.9 +0.9
G19K	Purcell Mounta baz=261,SNR=16	26.51	41 P	P	20 34 11.6 +0.4
P17K	Kvichak River baz=276,SNR=5.6	26.54	56 P	P	20 34 12.4 +0.9
D19K	Kuna River baz=259,SNR=9.0	26.62	35 P	P	20 34 12.7 +0.5
H19K	Roundabout Mou baz=263,SNR=49	26.67	42 P	P	20 34 13.6 +0.9
E19K	Redstone River baz=258,SNR=7.3	26.70	38 P	P	20 34 13.5 +0.7
N18K	Kilae Creek comp=Z,31nm,0.8s	26.72	53 I Amb	I Amb	20 34 15.2
N18K	Kilae Creek baz=273,SNR=17	26.72	53 P	P	20 34 14.2 +1.0
M17K	Stony River baz=271,SNR=15	26.72	51 P	P	20 34 14.4 +1.2
R17L	Mt. Peulik Vol baz=279	26.77	60 P	P	20 34 14.2 +0.6

PLK4	Peulik 4 comp=Z,31nm,1.1s	26.77	60 I Amb	I Amb	20 34 19.8
J19K	Poorman baz=267,SNR=22	26.88	46 P	P	20 34 14.6 +0.1
Q17K	Contact Creek baz=278,SNR=8.4	26.93	58 P	P	20 34 15.3 +0.2
JNU	Nakatsue	26.96	235 P	P	20 34 17.6 +2.1
O18K	Koktuh Hills comp=Z,22nm,0.9s	27.11	55 I Amb	I Amb	20 34 22.0
O18K	Koktuh Hills baz=275,SNR=7.4	27.11	55 P	P	20 34 17.3 +0.6
P18K	Big Mountain, baz=276,SNR=8.4	27.14	56 P	P	20 34 17.6 +0.6
L19K	Whitaker baz=271,SNR=13	27.17	50 P	P	20 34 17.9 +0.8
F20K	Avaraart Lake baz=260,SNR=5.3	27.20	39 P	P	20 34 18.0 +0.7
D20K	Etlvuk River baz=256,SNR=12	27.21	35 P	P	20 34 17.6 +0.2
E20K	Nigu River baz=258,SNR=21	27.26	36 P	P	20 34 18.3 +0.3
H20K	Anotleneaga Mo baz=264,SNR=22	27.32	42 P	P	20 34 18.9 +0.4
Q18K	Katami Hardscr baz=278,SNR=20	27.34	57 P	P	20 34 19.1 +0.3
B20K	Meade River baz=253,SNR=6.6	27.37	32 P	P	20 34 19.4 +0.6
M19K	Big River Lodg comp=Z,15nm,0.9s	27.40	50 I Amb	I Amb	20 34 21.0
M19K	Big River Lodg baz=272,SNR=14	27.40	50 P	P	20 34 19.8 +0.6
N19K	Bonanz Creek comp=Z,19nm,0.9s	27.40	53 I Amb	I Amb	20 34 21.3
N19K	Bonanza Creek baz=274,SNR=15	27.40	53 P	P	20 34 20.1 +0.8
I20K	Naaghedeneel comp=Z,19nm,0.9s	27.43	44 I Amb	I Amb	20 34 25.5
I20K	Naaghedeneel baz=266	27.43	44 P	P	20 34 19.9 +0.5
J20K	Nowinta River comp=Z,24nm,0.9s	27.53	45 I Amb	I Amb	20 34 22.6
J20K	Nowinta River baz=268,SNR=26	27.53	45 P	P	20 34 21.0 +0.7
K20K	Telida comp=Z,17nm,0.9s	27.54	47 I Amb	I Amb	20 34 22.1
K20K	Telida baz=269,SNR=25	27.54	47 P	P	20 34 20.9 +0.5
L20K	Farewell, AK baz=271,SNR=18	27.62	49 P	P	20 34 21.8 +0.6
IMAR	Indut Mountai baz=258	27.84	41 P	P	20 34 23.0 0.0
C21K	Knifeblade Rid baz=258	27.96	35 P	P	20 34 24.7 +0.7
G21K	Allakaket comp=Z,12nm,0.8s	27.99	40 I Amb	I Amb	20 34 26.1
G21K	Allakaket baz=264,SNR=14	27.99	40 P	P	20 34 25.0 +0.6
M20K	Styx River comp=Z,12nm,0.8s	27.99	50 I Amb	I Amb	20 34 26.6
M20K	Styx River baz=273,SNR=15	27.99	50 P	P	20 34 25.5 +1.0
Q19K	Cape Douglas, baz=278	28.01	57 P	P	20 34 25.3 +0.7
F21K	Alatna River baz=262,SNR=7.7	28.09	39 P	P	20 34 25.7 +0.4
E21K	Killik River baz=260	28.10	36 P	P	20 34 25.8 +0.4
B21K	Ikkipuk River baz=260	28.12	34 P	P	20 34 26.4 +1.0
B21K	Ikkipuk River comp=Z,24nm,0.7s	28.12	34 I Amb	I Amb	20 34 29.2
B21K	Ikkipuk River baz=257,SNR=26	28.12	34 P	P	20 34 26.0 +0.5
P19K	Oil Pt baz=277	28.13	55 P	P	20 34 26.0 +0.4
H21K	Melozitna Riv baz=266,SNR=15	28.19	42 P	P	20 34 26.8 +0.6
CHUM	Lake Minchumin baz=270,SNR=9.7	28.33	46 P	P	20 34 28.0 +0.6
A22K	Sinclair Lake baz=254	28.36	31 P	P	20 34 28.4 +0.9
O20K	Slope Mounta baz=277	28.38	54 P	P	20 34 28.7 +0.7
PPLA	Purkayale baz=272,SNR=6.8	28.40	48 P	P	20 34 29.2 +1.0
XLT	XiLinHaoTe	28.45	270	e P	20 34 28.5 -0.3
XLT	XLT			p P	20 35 01.4 +2.1
XLT	XLT			pp	20 35 24.9 -1.1
XLT	XLT			pmax	
OHAK	Old Harbor baz=268,SNR=6.7	28.48	60 P	P	20 34 30.2 +1.5
OHAK	Old Harbor baz=281,SNR=6.7	28.48	60 P	P	20 34 28.7 0.0
N20K	Mot Sier baz=275,SNR=5.4	28.48	52 P	P	20 34 29.9 +1.1
SPCR	Spurr Chakacha baz=275	28.48	52 P	P	20 34 29.6 +0.8
I21K	Tanana baz=268	28.51	43 P	P	20 34 29.6 +0.7
SPU	Mount Spurr comp=Z,18nm,1.1s	28.55	52 I Amb	I Amb	20 34 31.5
F22K	John River baz=267,SNR=11	28.62	38 P	P	20 34 30.6 +0.6
D22K	Aiyikyak River baz=260,SNR=10.0	28.64	35 P	P	20 34 30.6 +0.5
B22K	Teshhepuk Lake comp=Z,9.4nm,0.6s	28.69	32 I Amb	I Amb	20 34 32.2
B22K	Teshhepuk Lake baz=257,SNR=5.5	28.69	32 P	P	20 34 31.0 +0.6
KDAK	Kodiak Island KDAK	28.74	59 P	P	20 34 30.3 -0.8
KDAK	Kodiak Island comp=Z,20nm,0.8s	28.74	59 I Amb	I Amb	20 34 31.2
KDAK	Kodiak Island baz=281	28.74	59 P	P	20 34 31.0 -0.1
KDAK	Kodiak Island baz=281	28.74	59 P	P	20 34 30.3 -0.8
KDAK	Kodiak Island comp=Z,20nm,0.8s	28.74	59 I Amb	I Amb	20 34 31.2
KDAK	Kodiak Island baz=281	28.74	59 P	P	20 34 31.0 -0.1
KDAK	Kodiak Island baz=281	28.74	59 P	P	20 34 30.3 -0.8

9d 22h

Table with columns: DLBC, ARCES, WRA, FINES, ASAR, HFS, NOA, AKASG, PDAR. Includes station names, coordinates, and status.

IDC 09 21:25:53.3-1.2, 7.99S:125.83E, h0km, mb4.0/5, mbmp4.0/7, ML4.0/2, Error ellipse: s-maj=128.9km s-min=23.1km az=68.0

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

IDC 09 21:46:22.3-0.7, 53.33S:23.91E, h0km, mb4.1/11, mbmp4.1/11, Error ellipse: s-maj=24.2km s-min=18.1km az=78.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like H04S2, H04S3, etc.

IDC 09 21:46:24.3-0.6, 53.33S:23.91E, h10km, mb4.1/11, mbmp4.1/11, Error ellipse: s-maj=26.7km s-min=19.0km az=72.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like H04S1, SOE, etc.

IDC 09 21:52:29.7-6.1, 0.30N:17.80W, h0km, mb3.8/3, mbmp4.1/5, ML4.2/2, Error ellipse: s-maj=118.0km s-min=59.1km az=11.0, North of Ascension Island

Table with columns: WRA, WB2, PDAR, NVAR. Includes station names, coordinates, and status.

IDC 09 21:47:58.8-1.8, 36.21N:104.141.50E, h14km, mb10km, n27, c219/32, mb3.7/6, 8D, Near east coast of eastern Honshu

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

IDC 09 21:49:11.9-6.4, 16.10S:173.28W, h0km, mb3.7/4, mbmp3.7/4, Error ellipse: s-maj=503.9km s-min=27.9km az=151.0, Tonga Islands

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

IDC 09 22:33:44.0-1.6, 21.92S:170.22E, h0km, mb3.9/4, mbmp3.9/5, ML3.7/1, Error ellipse: s-maj=46.6km s-min=33.6km az=172.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like H10N2, H10N3, etc.

AFAD 09 22:09:37.5-0.0, 35.99N:29.62E, h7km, mb5km, ML1.6, ISK 09 22:09:27.2, 35.48N:29.20E, h10km, ML2.1/9, Eastern Mediterranean Sea

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

Table with columns: SABU, ELL, DNK, KAL, CAME, TUR, KAR, GOL, KOR. Includes station names, coordinates, and status.

IDC 09 22:25:13.9, 37.23N:26.83E, h9km, mb2km, ML2.4/3, Error ellipse: s-maj=2.4km s-min=0.9km az=181.0

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

IDC 09 22:25:13.9-0.0, 37.23N:26.83E, h7km, mb1km, ML2.4, AFAD 09 22:25:13.9-0.0, 37.23N:26.83E, h7km, mb1km, ML2.4, ISK 09 22:25:13.9-0.0, 37.23N:26.83E, h7km, mb1km, ML2.4

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

IDC 09 22:33:48.2-1.4, 22.05S:170.22E, h25km, n11, c855/12, mb3.8/4, Southeast of Loyalty Islands

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

IDC 09 22:38:09.0-2.5, 22.75S:169.98E, h0km, mb3.9/3, mbmp4.0/4, ML4.1/1, Error ellipse: s-maj=93.9km s-min=40.4km az=175.0, Southeast of Loyalty Islands

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

1.6nm,0.8s,baz=87,slow=9.3,SNR=15					
1.6nm,0.8s					
WRA Warramunga Arr 33.27 268 P	P		22 44 47.5	-0.9	
1.2nm,0.8s,baz=100,slow=8.5,SNR=7.5					
1.2nm,0.8s					
CMAR Chiang Mai Arr 80.58 294 P	P		22 50 24.2	+0.4	
0.4nm,0.3s,baz=125,slow=2.5,SNR=4.2					
0.4nm,0.3s					
GERES GERES Array B 147.88 330 PKPbc	PKPbc		22 57 55.4	-0.7	
0.3nm,0.4s,baz=35,slow=3.6,SNR=3.0					

PRU 09 22:40:02.2,50:30N:19:29E,h0km,Poland					
Code	Station Name	A°	AZ°	Phase ID	Time Res
					h m s ISC
OJC	Ojcow	0.37 117	ePg	Pg	22 40 08.7 +0.6
OJC			eSg	Sg	22 40 14.3 +0.3
NIE	Niedzica	1.17 146	ePg	Pg	22 40 23.4 -1.2
NIE			eSg	Sg	22 40 27.3 -2.6
MORC	Moravsky Berou	1.28 242	ePg	Pg	22 40 24.8 -2.0
MORC			eSg	Sg	22 40 41.0 -2.4
DPC	Dobruska-Polom	1.90 270	ePg	Pg	22 40 36.0 +0.1
DPC			eSg	Sg	22 41 02.8 -0.4
	comp=N,2.3,4nm,0.6s				
VYHS	Vyhne	1.92 189	ePn	Pn	22 40 32.0 -4.2
VYHS			eSg	Sg	22 40 54.6 -1.1
CHVC	Chvalce	3.08 277	ePg	Pg	22 40 38.8 +0.5
KHC	Kasperske Hory	2.91 253	eSg	Sg	22 42 05.9 -1.9

IDC 09 22:42:17.6,5.9,40:69N:19:68E,h0km,mb3.3/4,
 mbtmp3.3/6,ML3.0/2,MS3.9/1,Error ellipse:
 s-maj=1.12,1km s-min=-21.0km az=41.0
 PDG 09 22:42:22.5,0.1,41:00N:19:99E,h8km,ML3.4/12,Error
 ellipse: s-maj=0.1,1km s-min=0.1km az=0.0
 RHSSO 09 22:42:22.3,0.6,40:94N:20:07E,h5km,3km,ML3.4/15
 PRU 09 22:42:22.4,40:78N:20:12E,h10km
 TIR 09 22:42:23.8,41:11N:20:11E,h3km,1km,ML3.4
 BEO 09 22:42:23.5,40:97N:20:02E,h9km,1km,ML3.2/14
 SKO 09 22:42:23.7,40:96N:19:98E,h0km,ML3.2
 ATH 09 22:42:24.8,41:15N:20:07E,h12km,5km,ML3.1/15,Error
 ellipse: s-maj=5.9km s-min=-1.3km az=5.0
 THE 09 22:42:24.5,41:13N:20:14E,h2km,ML3.0/12,Error
 ellipse: s-maj=0.9km s-min=-0.5km az=299.0
 ISC 09 22:42:24.0,0.9,41:07N:0.01:20.09E,0.02,h12km,7km,
 n199,r16/267,41 C-4D,Albania

Code	Station Name	A°	AZ°	Phase ID	Time Res
					h m s ISC
TIR	Tirane	0.33 329	P	Pg	22 42 30.6 -0.1
TIR			S	Sb	22 42 37.0 -0.1
TIR	comp=E,14nm,0.4s,baz=323				
TIR	Tirane	0.33 329	P	Pg	22 42 30.4 -0.2
TIR			S	Sb	22 42 34.8 -0.3
TIR	comp=E,4um,0.4s				
TIR	Tirane	0.33 329	ePg	Pg	22 42 30.6 -0.1
TIR			eSg	Sg	22 42 36.9 -0.1
TIR	Tirane	0.33 329	ijP	Pg	22 42 30.5 -0.2
OHR	Ohrid	0.54 85	ePg	Pg	22 42 35.0 -0.5
OHR			eSg	Sg	22 42 33.8 +0.6
OHR	Ohrid	0.54 85	ijPg	Pg	22 42 34.9 +0.3
OHR			isg	Sg	22 42 43.5 +0.3
OHR			eLg	Lg	22 42 43.7
OHR	comp=E,652nm,0.5s				
OHR	comp=N,580nm,0.3s				
KBN	Korca	0.69 130	P	Pg	22 42 37.3 -0.2
KBN			S	Sb	22 42 49.1 -1.3
KBN	comp=E,6.5nm,0.5s,baz=133				
KBN	Korca	0.69 130	P	Pg	22 42 37.2 -0.2
KBN			S	Sb	22 42 48.2 +0.6
VLO	Vlora	0.75 217	P	Pb	22 42 39.3 +0.3
VLO			S	Sb	22 42 51.4 -0.4
VLO	comp=N,20nm,0.3s,baz=217				
VLO	Vlora	0.75 217	P	Pb	22 42 39.3 +0.3
VLO			S	Sb	22 42 52.6 +0.9
VLO	comp=N,5um,0.4s				
NEST	Nestor	0.98 132	P	Pg	22 42 42.2 -0.7
NEST			S	Sb	22 42 58.0 +0.5
NEST	comp=N,568nm,0.7s				
NEST	Nestor	0.98 132	P	Pn	22 42 43.4 -0.3
NEST			S	Sb	22 42 58.9 +1.4
NEST			AML	AML	22 43 05.0
NEST	comp=N,1566um,0.4s				
NEST			AML	AML	22 43 06.7
PUK	Puka	0.98 351	P	Pg	22 42 41.9 -1.1
PUK			S	Sb	22 42 56.1 +0.1
PUK	comp=E,4.6nm,0.4s,baz=351				
FNA	Florina	1.02 106	P	Pb	22 42 42.9 -0.7
FNA			S	Sb	22 42 58.2 -0.2
FNA	comp=N,4.2nm,0.6s,baz=108				
FNA	Florina	1.02 106	P	Pb	22 42 43.1 -0.5
FNA			S	Sb	22 42 58.2 -0.2
FNA	comp=N,2um,0.6s				
FNA	Florina	1.02 106	ePg	Pg	22 42 42.9 -0.7
FNA			eSg	Sg	22 42 58.2 -0.2
FNA	Florina	1.02 106	ijPg	Pg	22 42 42.8 -0.7
FNA			isg	Sg	22 42 58.9 +0.5
FNA	Florina	1.02 106	P	Pn	22 42 44.0 -0.1
FNA			S	Sb	22 42 58.9 +0.5
FNA			AML	AML	22 43 01.4
FNA	comp=E,3868um,0.6s				
FNA			AML	AML	22 43 01.7
FNA	comp=N,5340um,0.6s				
ULC	Ulcinj	1.10 325	ijPg	Pg	22 42 44.1 -0.8
ULC			ePg	Pg	22 42 43.2 -1.8
ULC	Pentafolos	1.18 137	P	Pg	22 42 46.2 -0.3
PENT	Pentafolos	1.18 137	P	Pg	22 42 46.2 -0.3
SRN	Sarande	1.18 183	P	Pg	22 42 47.5 +0.6
SRN			S	Sb	22 43 04.7 +2.1
SRN	comp=N,1.9nm,0.5s,baz=185				
SRN	Sarande	1.18 183	P	Pg	22 42 47.5 +0.6
SRN			S	Sb	22 43 06.6 +4.0
SRN	comp=E,652nm,0.8s				
BCI	Bajram Curri	1.30 359	P	Pn	22 42 47.5 -0.5
BCI			S	Sg	22 43 05.9 0.0
BCI	comp=E,5.3nm,0.5s,baz=359				
DRME	Dracevica, Mon	1.31 329	ePg	Pg	22 42 48.0 -0.1
DRME			eSg	Sg	22 43 07.3 +1.2
DRME	Dracevica, Mon	1.31 329	ijPg	Pg	22 42 47.5 -0.6
DRME			eSg	Sg	22 43 06.9 +0.8
DRME	Dracevica, Mon	1.31 329	ePg	Pg	22 42 47.1 -1.0
DRME			isg	Sg	22 43 08.0 +1.9
KASA	Kassiopi	1.33 185	P	Pg	22 42 50.2 +0.7
KASA			S	Sb	22 43 06.3 -0.5
KASA			AML	AML	22 43 13.3
KASA	comp=N,2350um,0.5s				
KASA			AML	AML	22 43 15.8
KEK	Kerkira	1.37 189	P	Pg	22 42 50.4 0.0
KEK			S	Sb	22 43 10.0 +2.7
KEK	comp=N,808nm,0.4s				
KEK	Kerkira	1.37 189	P	Pg	22 42 50.6 +0.1
KEK			S	Sb	22 43 09.0 +0.7
KEK			AML	AML	22 43 15.3
KEK	comp=E,1738um,0.4s				
KEK			AML	AML	22 43 17.1
PDG	Podgorica	1.50 336	ePg	Pg	22 42 50.9 +0.2

PDG	Podgorica	1.50 336	eSg	Sg	22 43 13.4 +1.2
PDG			ePn	Pn	22 42 51.0 +0.2
PDG			eSg	Sg	22 43 13.2 +1.0
PDG	Podgorica	1.50 336	ijPg	Pg	22 42 51.2 -0.5
PDG			isg	Sg	22 43 11.3 +0.6
PDG	Podgorica	1.50 336	ijPg	Pg	22 43 11.3 +0.6
PDG			isg	Sg	22 43 11.7 +1.5
PDG	Podgorica	1.50 336	ijPg	Pg	22 42 50.9 +0.2
PDG			isg	Sg	22 43 13.7 +1.5
BUM	Brajci-Budva	1.52 324	ijPg	Pg	22 42 50.9 -0.2
BUM			isg	Sg	22 43 14.2 +1.2
BUM	Plav	1.53 356	ePn	Pn	22 43 15.6 +2.4
BUM			isg	Sg	22 43 15.6 +2.4
PVY	Igoumenitsa	1.55 173	P	Pg	22 42 53.5 -0.3
IGT			S	Sg	22 43 14.5 +0.7
IGT	baz=173				
IGT	Igoumenitsa	1.55 173	P	Pg	22 42 53.4 -0.3
IGT			S	Sg	22 43 14.7 +0.9
IGT	comp=N,798nm,0.5s				
IGT	Igoumenitsa	1.55 173	P	Pg	22 42 53.4 -0.3
IGT			AML	AML	22 43 20.9
IGT	comp=N,159um,0.5s				
IGT			AML	AML	22 43 21.4
IGT	comp=E,1599um,0.5s				
IGT	Santa Cesarea	1.59 232	P	Pb	22 42 53.4 +0.1
IGT	baz=232				
SCTE			S	Sg	22 42 15.2 +0.1
SCTE	baz=232				
SCTE	Santa Cesarea	1.59 232	P	Pb	22 42 52.9 -0.3
SCTE			AML	AML	22 43 20.1
SCTE	comp=E,306um,0.5s				
SCTE			AML	AML	22 43 23.8
SCTE	comp=N,342um,0.4s				
KTI	Kastanea	1.68 113	P	Pb	22 42 54.7 -0.3
CEME	Cevo	1.72 330	ePn	Pn	22 42 54.0 +0.2
CEME			isg	Sg	22 43 19.0 -0.3
CEME	Berane	1.81 355	ijPn	Pn	22 42 56.9 -0.3
CEME			isg	Sg	22 42 55.8 +0.7
CEME	Berane	1.81 355	ijPn	Pn	22 43 22.3 +0.1
CEME			isg	Sg	22 43 17.1 -0.4
KOME	Kolasin	1.83 347	ePn	Pn	22 43 21.7 +1.3
KOME			eSg	Sg	22 42 56.0 +0.6
KOME	Kolasin	1.83 347	ijPn	Pn	22 43 22.4 -0.5
KOME			isg	Sg	22 42 56.5 +0.4
KOME	Valandovo	1.89 82	ePn	Pn	22 43 22.3 +0.3
KOME			isg	Sg	22 43 22.3 +0.3
KOME	Valandovo	1.89 82	ijPn	Pn	22 43 25.3 +0.6
KOME			eLg	Lg	22 43 28.1
KOME	comp=E,135nm,0.6s				
KOME			eLg	Lg	22 43 28.1
NKME	Niksic	1.90 334	ePn	Pn	22 42 56.7 +0.4
NKME			isg	Sg	22 43 23.5 +1.2
LIT	Litokhoron	2.07 117	P	Pb	22 43 00.1 -1.4
LIT			S	Sb	22 43 26.5 -0.7
LIT	comp=N,188nm,0.8s				
LIT	Litokhoron	2.07 117	ijPn	Pn	22 42 59.9 -1.6
TREB	Trebijnje	2.10 322	ePn	Pn	22 42 59.4 +0.4
TREB			eSg	Sg	22 43 25.9 +0.9
KNT	Kendrikon	2.12 87	P	Pn	22 43 00.0 +0.6
KNT			S	Sb	22 43 26.3 +0.6
KNT	comp=N,148nm,0.7s				
KNT	Kendrikon	2.12 87	ijPn	Pn	22 43 00.4 +1.1
KNT	Bratogost	2.17 328	ePn	Pn	22 43 06.6 +0.6
KNT			eSg	Sg	22 43 28.4 +1.5
KNT	BRY	2.17 328	ePn	Pn	22 43 27.4 +0.2
KNT			isg	Sg	22 43 29.7 -0.4
KNT	Bratogost	2.17 328	ePn	Pn	22 43 00.7 +0.7
KNT			eSg	Sg	22 43 30.2 +0.1
BARS	Barje	2.17 36	ePn	Pn	22 43 00.7 +0.7
BARS			eSg	Sg	22 43 30.2 +0.1
BARS	Barje	2.17 36	ijPn	Pn	22 43 00.8 +0.8
BARS			isg	Sg	22 43 02.6 -1.1
SJES	Sjenica	2.19 358	ePn	Pn	22 43 01.1 -0.7
SJES			eSg	Sg	22 43 01.6 +1.2
SJES	Sjenica	2.19 358	ijPn	Pn	22 43 30.1 -0.7
SJES			eSg	Sg	22 43 30.1 -0.7
THE	Thessaloniki	2.23 100	P	Pb	22 43 02.7 -1.5
THE	Thessaloniki	2.23 100	ijPn	Pn	22 43 03.4 -0.7
THE	Thessaloniki	2.23 100	P	Pn	22 43 01.5 +0.6
THE			AML	AML	22 43 33.5
THE	comp=N,244um,0.7s				
THE			AML	AML	22 43 33.6
SELS	Selova	2.28 19	ePn	Pn	22 43 02.8 +1.3
SELS			eSg	Sg	22 43 32.5 -0.8
UPM	Unac-Piva	2.31 338	ePn	Pn	22 43 30.0 +1.0
UPM			eSg	Sg	22 43 32.9 -1.3
UPM	Unac-Piva	2.31 338	ePn	Pn	22 43 32.5 +0.5
UPM			isg	Sg	22 43 33.5 -0.7
NOCI	Noci	2.31 264	S	Sb	22 43 34.2 +0.1
NOCI	baz=264				
PLE	Piljevija	2.32 347	ePn	Pn	22 43 02.7 +0.6
PLE			isg	Sg	22 43 34.2 -0.3
LKD2	Lefkada island	2.32 169	P	Pn	22 43 03.9 -1.9
LKD2	baz=169				
LKD2	Lefkada island	2.32 169	P	Pn	22 43 33.9 -0.5
LKD2			S	Sb	22 43 03.5 +1.4

9d 23h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like MW2.3, Jamaica region, Guantanamo Bay, Rio Carpintero, etc.

NOU 09 23:05:14.7, 21.89S; 169.91E, h0km, MLV3.5/7, Southeast of Loyalty Islands
IDC 09 23:05:15.2, 4.3, 20.71S; 169.56E, h0km, mb3.9/2, mbmp3.9/3, ML3.8/1, Error ellipse: s-maj=181.0km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like MARE, Pines Island, LIFUNC, etc.

NAO 09 23:07:07.1, 3.8, 72.26N; 2.66E, ML2.9
IDC 09 23:07:07.5, 1.2, 72.17N; 2.56E, h0km, mb3.4/4, mbmp3.4/10, ML3.1/6, MS2.5/2, Error ellipse: s-maj=22.1km s-min=16.2km az=78.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Jan Mayen, HSPB, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like DAG, MOR8, ARAO, etc.

IDC 09 23:07:42.8, 2.1, 47.40N; 150.43E, h208km, 20km, mb3.2/7, mbmp3.8/10, Error ellipse: s-maj=27.6km s-min=16.3km az=142.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JRA, Rausu, NEM2, etc.

TRN 09 23:12:42.8, 10.34N; 62.15W, h14km, MD3.5, Gulf of Paria., Near coast of Venezuela

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like TCE, Chacachacare, TRN, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KLY, KRSR, KIRR, etc.

IDC 09 23:34:12.3, 0.6, 22.43S; 170.48E, h0km, mb4.5/15, mbmp4.5/18, ML4.4/3, MS4.6/48, Error ellipse: s-maj=19.5km s-min=15.7km az=95.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like MARNC, Pines Island, LIFUNC, etc.

NOU 09 23:07:07.1, 3.8, 72.26N; 2.66E, ML2.9
IDC 09 23:07:07.5, 1.2, 72.17N; 2.56E, h0km, mb3.4/4, mbmp3.4/10, ML3.1/6, MS2.5/2, Error ellipse: s-maj=22.1km s-min=16.2km az=78.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like NOU, RTV, DVP, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like HDA, G21K, EL9K, ILAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like MMB, PVCC, BRG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like SAO, AZAP, YVA, etc.

SJA 09 23:40:50.1s 0.1, 2.3; 70S:66.74W, h246km, 5km, ML4.0, MW3.8
IDC 09 23:40:52.1s 0.1, 2.3; 58S:66.60W, h199km, 13km, mb3.3/4, mbmp3.9/9, Error ellipse: s-maj=17.7km s-min=13.7km

TRN 09 23:53:51.6, 11:14N-61.44W, h47km, MD4.0, Trinidad.
Island widely in North Trinidad. MMI IV, V., Windward

Table of astronomical observations for the first 10 days of September. Columns include station name, time, magnitude, position angle, and other parameters. Stations listed include BRVK, BVAR, RAFF, RONA, MORC, ARSA, CONA, VRAC, KRUC, SOKA, OBKA, MOA, VSU, BIOA, KBA, GERES, ABTA, LESA, WTTA, WATA, KURBB, KURK, SOTA, MOTA, FETA, RETA, KEST, DAVA, FIA1, FINES, FINES, FINES, MK31, MK31, MKAR, MKAR, SENIN, BNI, BNI, HFS, ZAAO, ZAAO, ZALV, ZALV, DGZ, DGZ, NOA, ARCES, ARCES, EKA, ARCES, ARCES, TORD, SPITS, ULN, ULN, PZH, PZH, CMAR, CMAR, HHC, HHC, HHC, HHC, XAN, XAN, XAN, XAN, XAN, KLR, KLR, KSRs, KSRs, USRK, USRK, BOSa, BOSa, SEY, SEY, BILL, BILL, BILL, BILL.

Table of astronomical observations for the first 10 days of September, continuing from the previous table. Columns include station name, time, magnitude, position angle, and other parameters. Stations listed include E29M, F19K, F20K, E27K, F21K, G19K, G19K, G21K, G21K, IMAR, G30M, G27K, H17K, H17K, G29M, H18K, H18K, G31M, H21K, H21K, H29M, H29M, D62A, H31M, H31M, J14K, J14K, I26K, I26K, I28M, I28M, J20K, J20K, ILAR, ILAR, ILAR, ILAR, K13K, J25K, J25K, K15K, J26L, J26L, K20K, K20K, K17K, S3CR, S3CR, RIDG, RIDG, K29M, K29M, YKA, YKA, BCAR, M17K, M17K, SKT, SKT, M29M, M29M, SUA, SUA, N19K, N19K.

Table of astronomical observations for the first 10 days of September, continuing from the previous tables. Columns include station name, time, magnitude, position angle, and other parameters. Stations listed include BIM, WRA, ASAR, MKAR, TEH, DSN, ISC, KBAM, KHNJ, ZHDN, CHM, JASK, SRVN, CHBR, TVBK, KRMI, NHDN, NGCH, KHGB, SHME, ZRDN, BSRN, MDH, MSFE, IKOO, UOSS, IDAH, ITEG, SOHO, WSAR, ASUD, AFRZ, TPRV, TKDS, TNSJ, AAK, BRTR, MKAR, FINES, ARCES, TORD, MSVF, RAO, BKZ, BKZ, QRZ, QRZ, TUWZ, THZ, THZ, DENN, KHZ, KHZ, GVZ, LTZ, LTZ, WHZ, WHZ, ARMA, ARMA, TOO, TOO, ASAR, ASAR, WB0, WB0, WB2, WRA, WRA, FITZ, GSPA, GSPA, UGM, NVAR, SNAa, PDAR, BVAR, AKASG, BRTR, MMAI, MMAI.

GERES GERESE Array B 150.42 343 PKPbc PKPbc 00 04 41.1 -1.0 comp-z=0.5nm,0.8s,baz=46,slow=3.9,SNR=4.3

CATAC 10 00:22:32.0,0.5,13.42N,91.11W,h12km,5km,ML4.6 NEIC 10 00:22:34.7,1.8,13.43N,0.06-91.13W,0.06,h35km,1km, mb4,3/147,Error ellipse: s-maj=11.9km s-min=7.9km bz=26.0 SNET 10 00:22:35.0,1.1,13.56N,90.98W,h9km,11km,ML4.7 UCR 10 00:22:35.3,2.9,13.43N,91.13W,h35km,MB4.3(NEIC) IDC 10 00:22:39.9,2.6,13.76N,90.66W,h85km,18km,mb3.8/4, mbmp4.2/7,MS3.8/5,Error ellipse: s-maj=41.1km s-min=24.5km az=47.0 GCG 10 00:22:40.2,0.6,14.08N,91.15W,h54km,13km,MD4.4 ISC 10 00:22:31.8-0.6,13.44N,0.05-91.18W,0.05,h20km,4km, n243,0110/259,mb4.3/57,MS3.8/3,2D,Near coast of Guatemala

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

Table with columns: CSGN, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Cosiguina Volc, Flores, Tegucigalpa, etc.

Table with columns: LCAR, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like OKCSW, LNXT, BG3, etc.

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Table with columns: SMLA, SMLA, SDNR, SDNR, DHRM, DHRM, THN, THN, THN, THN, JMU, JMU, BHP, BHP, NIL, NIL, KBL, KBL, GAR, GAR, CHGR, CHGR, SIMJ, SIMJ, BTK, BTK, NRN, NRN, ARSB, ARSB, KK31, KK31, KKAR, KKAR, MAZK, MAZK, MK31, MK31, MKAR, MKAR, KURBB, KURBB, ABKAR, ABKAR, BVAR, BVAR, BRVK, BRVK, ZALV, ZALV, BURAR, BURAR, FINES, FINES, ARCES, ARCES, WRA, WRA, ASAR, ASAR

IDC 10 01:07:22.9,3.5,5.47S,105.36E,h0km,mb4.1/4, mbmp4.1/4, Error ellipse: s-maj=201.7km s-min=28.0km az=52.0

DJA 10 01:07:27.1,0.4,6.6'S,6.10'E, h59km,13km, M4.3/13, mb4.6/4, MLV4.1/13

ISC 10 01:07:26.4,1.0,6.1'S,104.38E,0.09,h50km,n29, c1811/22,mb4.0/4,Sunda Strait

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

IDC 10 01:09:06.3,1.3,48.06S,100.94E,h0km,mb4.2/4, mbtmp4.2/4, MS3.6/1, Error ellipse: s-maj=56.1km s-min=28.2km az=126.0, Southeast Indian Ridge

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

TRN 10 01:19:21.9,17.18N,62.23W,h20km,MD3.5, East of Nevis., Leeward Islands

2018 SEP

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

AFAD 10 01:42:47.9,0.0,36.43N,28.71E,h7km,1km,ML2.5 THE 10 01:42:48.9,36.51N,28.81E,h7km,2km,ML2.7/4, Error ellipse: s-maj=5.2km s-min=0.8km az=91.0

ISC 10 01:42:48.3,1.3,36.48N,28.75E,0.02,h2km,11km, n37, c063/5/4, Dodecanese Island

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

VAO 10 01:52:54.9,0.9,17.81S,70.12W,h122km,6km,mb4.2 NEIC 10 01:52:56.5,1.9,17.92S,70.06W,2W,0.1, h129km,6km, mb4.2/10, Error ellipse: s-maj=18.1km s-min=2.3km az=119.0

GUC 10 01:52:57.2,0.7,18.03S,70.45W,h131km,4km,ML4.1 IDC 10 01:53:01.8,2.5,17.94S,69.62W,h152km,17km,MB3.7/5, mbtmp4.1/6, Error ellipse: s-maj=34.0km s-min=26.5km az=109.0

ISC 10 01:52:55.6,0.8,17.87S,0.05,70.16W,0.08,h129km,6km, n68, c1777/7,mb4.0/7,2C-3D, Near coast of Peru

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

10d 2h

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

NEIC 10 02:00:49.0,1.2,18.1S,0.1,178.6W,0.2,h535km,7km, mb4.3/16, Error ellipse: s-maj=21.7km s-min=19.3km az=123.0

IDC 10 02:00:49.6,1.5,18.04S,178.61W,h455km,16km,mb3.2/9, mbtmp4.1/10, Error ellipse: s-maj=20.2km s-min=14.8km az=156.0

ISC 10 02:00:49.2,0.6,18.1S,0.1,178.57W,0.09,h550km,n45, c089/48,mb4.2/18,5C,Fiji Islands region

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

M26K	Nabesana, AK	5.15	59	P	Pn	02 21 20.7 +1.6
BAGL	Bagley Icefield	5.21	81	P	Pn	02 21 20.5 +0.7
COLA	College	5.27	22	Pn	Pn	02 21 20.7 +0.2
MDM	Murphy Dome	5.27	20	Pn	Pn	02 21 20.7 +0.0
MDM	comp=N,44nm,0.7s				IAML	02 22 21.6
MDM	comp=E,42nm,0.8s				IAML	02 22 22.9
I23K	Minto, Yukon-K	5.28	15	Pn	Pn	02 21 21.3 +0.6
I23K	comp=N,45nm,0.8s				IAML	02 22 22.6
I23K	comp=E,29nm,0.9s				IAML	02 22 22.7
I23K	Minto, Yukon-K	5.28	15	P	Pn	02 21 21.1 +0.4
MESA	MESA	5.29	84	Pn	Pn	02 21 21.5 +0.5
MESA	comp=E,43nm,0.6s				IAML	02 22 29.2
MESA	MESA	5.29	84	P	Pn	02 21 21.8 +0.7
MESA	baz=273				Pn	02 21 22.1 +0.1
IL31	Eielson Array	5.38	27	P	Pn	02 21 21.9 -0.1
ILAR	comp=E,8.0nm,1.4s,baz=219,slow=14,SNR=108				S	02 22 18.2 -4.4
ILRC	comp=E,1.1nm,0.3s,baz=196,slow=16,SNR=4.0				S	02 21 23.0 +0.7
GRAN	Granite Creek	5.38	78	Pn	Pn	02 21 23.3 +0.9
YAH	Yahltse	5.38	82	Pn	Pn	02 21 23.6 +1.3
M13K	Dall Lake	5.40	278	P	Pn	02 21 22.3 -0.1
I17K	Unalakleet	5.41	318	Pn	Pn	02 21 23.4 +0.9
I17K	Unalakleet	5.41	318	P	Pn	02 21 25.1 +1.1
H20K	Anotleneega Mo	5.53	350	P	Pn	02 21 25.1 +1.1
H20K	Anotleneega Mo	5.53	350	P	Pn	02 21 25.1 +1.1
POKR	Poker Flat Res	5.56	23	Pn	Pn	02 21 25.1 +0.5
RKAV	Rock Avalanche	5.58	83	Pn	Pn	02 21 26.5 +1.5
H21K	Melozitna Rive	5.59	359	Pn	Pn	02 21 24.9 0.0
H21K	Melozitna Rive	5.59	359	P	Pn	02 21 24.9 0.0
CTG	Chitna Glacier	5.60	76	P	Pn	02 21 26.2 +1.0
SCRK	Sand Creek	5.60	42	Pn	Pn	02 21 24.8 -0.4
SCRK	Sand Creek	5.60	42	P	Pn	02 21 24.6 -0.6
CTGM	Chitina Glacie	5.60	76	Pn	Pn	02 21 26.3 +1.1
M27K	Edge Creek, AK	5.63	62	Pn	Pn	02 21 25.7 +0.2
M27K	Edge Creek, AK	5.63	62	P	Pn	02 21 25.9 +0.4
J25K	Salcha River,	5.63	33	Pn	Pn	02 21 25.7 +0.2
J25K	Salcha River,	5.63	33	P	Pn	02 21 25.6 +0.2
TABL	Table Mountain	5.68	82	Pn	Pn	02 21 27.2 +0.8
H18K	Honhosha River	5.75	335	P	Pn	02 21 27.2 +0.2
LOGN	Logan Glacier	5.75	78	Pn	Pn	02 21 28.0 +0.7
H22K	Ishlailitna Cre	5.85	5	P	Pn	02 21 28.7 +0.3
H22K	Ishlailitna Cre	5.85	5	P	Pn	02 21 28.7 +0.3
H23K	Yukon River	5.91	12	Pn	Pn	02 21 29.7 +0.4
L27K	Beaver Creek,	5.92	55	Pn	Pn	02 21 29.4 0.0
J14K	Nanvaranak Lak	5.92	301	Pn	Pn	02 21 29.7 +0.3
BCAR	Beaver Creek A	5.93	55	Pn	Pn	02 21 29.1 -0.5
H17K	Granite Mounta	5.94	328	Pn	Pn	02 21 29.9 +0.3
IMAR	Indian Mountai	5.94	355	Pn	Pn	02 21 30.0 +0.3
I26L	Joseph Creek	6.00	11	Pn	Pn	02 21 34.7 +0.2
K27K	Chicken	6.03	47	Pn	Pn	02 21 35.0 +0.2
PRP	Porcupine Dome	6.03	28	Pn	Pn	02 21 35.0 +0.2
G19K	Purcell Mounta	6.41	343	Pn	Pn	02 21 36.7 +0.1
G19K	Tagagawik	6.45	337	Pn	Pn	02 21 37.2 +0.1
C21K	Allakaket	6.46	357	Pn	Pn	02 21 37.9 +1.0
BCPM	Bancas Point	6.50	92	Pn	Pn	02 21 37.5 -2.0
CHNA	Chernabura Isl	6.50	219	P	Pn	02 21 39.2 +0.2
P12K	Peninsula	6.63	88	Pn	Pn	02 21 40.5 +0.2
S21K	Black Hills	6.72	233	Pn	Pn	02 21 41.1 +0.2
I26K	Coal Creek Min	6.78	35	Pn	Pn	02 21 43.2 -0.3
O29M	Mount Kennedy	6.80	92	Pn	Pn	02 21 46.8 +1.1
G16K	Koyuk River	6.97	324	Pn	Pn	02 21 47.5 +1.2
F20K	Avaraart Lake	7.13	350	Pn	Pn	02 21 46.8 +1.1
F21K	Alatina River	7.17	357	Pn	Pn	02 21 46.8 +1.1
M29M	Somme Creek	7.18	65	Pn	Pn	02 21 47.6 +0.2
FYU	Fort Yukon	7.28	24	Pn	Pn	02 21 47.6 -0.1
P29M	Windy Craggy	7.43	87	Pn	Pn	02 21 50.9 +0.5
N30M	Aishikik Lake	7.68	73	Pn	Pn	02 21 52.7 -0.7
F15K	North Star Dit	7.88	321	Pn	Pn	02 21 56.3 +0.3
K29M	Barlow Dome	8.00	56	Pn	Pn	02 21 58.0 +0.3
E22K	Anaktuvuk Pass	8.08	2	Pn	Pn	02 22 00.4 +1.7
E23K	Chandalar	8.16	19	Pn	Pn	02 21 58.1 +0.2
F25K	Christian River	8.12	19	Pn	Pn	02 21 58.6 -0.5
B2AR	Burnt Mountain	8.16	22	Pn	Pn	02 21 58.8 -0.9
O30N	Mendhall	8.16	78	Pn	Pn	02 21 59.6 -0.2
E24K	Your Creek	8.21	11	Pn	Pn	02 22 00.1 -0.2
I29M	Ogheiv Camp,	8.39	45	Pn	Pn	02 22 02.4 -0.4
E21K	Kilik River	8.41	36	Pn	Pn	02 22 02.9 -0.1
F26K	Shenjek River	8.47	22	Pn	Pn	02 22 02.9 -0.1
S31K	Pelican	8.67	97	Pn	Pn	02 22 07.8 +1.1
SKAG	Skagway	8.70	87	Pn	Pn	02 22 08.0 +1.0
SKAG	Skagway	8.70	87	P	Pn	02 22 09.1 +2.1
WHY	Whitehorse	8.76	79	Pn	Pn	02 22 08.1 +0.1
J30M	Hart River	8.87	92	Pn	Pn	02 22 09.1 +1.1
D19K	Kuna River	8.77	346	Pn	Pn	02 22 09.1 +1.1
D22K	Aiyikayk River	8.82	360	Pn	Pn	02 22 09.7 +1.0
D23K	Nanushuk River	8.95	4	Pn	Pn	02 22 11.4 +1.1
M31M	Drury Creek, Y	9.02	69	Pn	Pn	02 22 12.0 +0.6
I30M	Mount Dempster	9.02	32	Pn	Pn	02 22 13.2 +1.6
D24K	Happy Valley	9.23	8	Pn	Pn	02 22 15.6 +1.4
C18K	Utukok River	9.36	340	Pn	Pn	02 22 16.6 +0.6
E27K	Coleen River	9.41	26	Pn	Pn	02 22 17.6 +1.0
R32K	Eaglecrest	9.42	93	Pn	Pn	02 22 18.4 +1.6
P32M	Atlin	9.48	85	Pn	Pn	02 22 17.9 +0.2
S1T	Sitka	9.48	101	P	Pn	02 22 18.5 +1.0
J15	Juneau Island	9.49	93	P	Pn	02 22 19.8 +2.1
C19K	Lookout Ridge	9.53	345	Pn	Pn	02 22 18.6 +0.3
B21K	Ikkipuk River	9.61	356	Pn	Pn	02 22 18.9 -0.3
N32M	Quiet Lake	9.61	75	Pn	Pn	02 22 19.6 +0.2
D25K	Kavik River	9.63	39	Pn	Pn	02 22 19.9 +0.2
S32K	Killisnoo	9.83	98	Pn	Pn	02 22 21.2 +0.9
C24K	Franklin Bluff	9.80	8	Pn	Pn	02 22 21.5 -0.3
P33M	Teslin, Yukon	9.83	81	Pn	Pn	02 22 22.2 -0.2
UNV	Unalakusa Valle	9.86	237	Pn	Pn	02 22 22.1 -0.6
B20K	Meade River	10.14	351	Pn	Pn	02 22 26.0 -0.5
E22K	Teshkepk Lake	10.30	358	Pn	Pn	02 22 27.6 -0.9
Q32M	Nakina River	10.35	87	Pn	Pn	02 22 30.3 +0.7
E29M	Blow River	10.45	31	Pn	Pn	02 22 30.3 -0.3
R33M	Jennings River	10.89	84	Pn	Pn	02 22 38.0 +1.1
U33K	Whale Pass	11.00	103	Pn	Pn	02 22 38.6 +0.4
S34M	Telegraph Cree	11.24	92	Pn	Pn	02 22 43.5 +2.1
CRAK	Craig	11.33	106	P	Pn	02 22 43.7 +1.2
CRAK	Craig	11.33	106	P	Pn	02 22 43.9 +1.3
DLBC	Dease Lake	11.62	88	Pn	Pn	02 22 48.6 +2.1
T35M	Bob Quinn	12.02	95	Pn	Pn	02 22 55.0 +3.1
RUBB	Prince Rupert	13.35	106	Pn	Pn	02 23 10.6 +1.6
K1WB	Kanaga Island	13.96	250	Pn	Pn	02 23 42.2 -0.2
NR1K	Noril'sk	43.92	334	P	Pn	02 27 59.0 -0.2
ARCES	ARCES Array B	50.66	1	P	P	02 28 51.1 -0.4
ARCES	comp=E,0.8nm,0.7s,baz=11,slow=9.4,SNR=1.4				P	02 29 50.7 +0.6
FINES	FINESS Array B	58.79	1	P	P	02 29 50.7 +0.6
FINES	comp=E,0.8nm,0.5s,baz=4.4,slow=8.0,SNR=7.1				P	02 30 28.7 -0.1
MKAR	Makanochi Array	64.51	322	P	P	02 30 28.7 -0.1
MKAR	comp=E,0.2nm,0.4s,baz=18,slow=6.2,SNR=2.3				P	02 30 28.7 -0.1

H03S3	Juan Fernandez	12.09	56	T	T	02 37 33.6
H03N3	Juan Fernandez	12.32	55	T	T	02 37 47.6
H03N3	Juan Fernandez	12.33	55	T	T	02 37 48.0
H03N1	Juan Fernandez	12.34	55	T	T	02 37 50.2
RPN	Rapa Nui	20.64	307	LR	LR	02 32 22.1
LVC	Limon Verde	26.24	52	LR	LR	02 35 50.3
PMSA	Palmer Station	28.20	156	LR	LR	02 36 07.4
CPUP	Villa Florida	31.44	72	LR	LR	02 39 55.6
LPAZ	La Paz	31.72	45	P	P	02 28 40.8 0.0
LPAZ	comp=Z,105nm,19.8s,baz=216,slow=32				LR	02 39 03.6
ATAH	Atahualpa	35.75	22	LR	LR	02 40 14.5
SIV	San Ignacio	36.03	55	LR	LR	02 42 23.3
BDFB	Brasilia	44.95	68	LR	LR	02 48 50.0
ROSC	El Rosal	48.31	22	LR	LR	02 50 22.6
VNA3	Neumayer Olymp	48.85	155	P	P	02 31 01.0 -0.2
QSPA	South Pole Qui	49.01	180	LR	LR	02 49 49.5
VNA1	Neumayer-Stat	49.40	154	P	P	02 31 05.4 0.0
VNA2	Neumayer-Watz	49.63	155	P	P	02 31 07.7 +0.5
SNA4	Sanae	50.91	156	P	P	02 31 16.7 -0.3
SNA4	Sanae	50.91	156	P	P	02 31 16.7 -0.3
JTS	Las Juntas de	51.55	8	LR	LR	02 47 55.8
TROLL	Troll Antartid	52.44	157	P	P	02 31 28.4 0.0
SDV	Santo Domingo	53.26	25	LR	LR	02 52 12.5
MDP	Montagnes des	57.90	47	LR	LR	02 54 02.7
RCBR	Riachuelo	60.27	70	LR	LR	02 57 50.3
SJG	San Juan	63.37	27	LR	LR	02 59 18.1
TXAR	Lajitas Array	71.18	348	P	P	02 33 34.6 -0.3
NVAR	Minna Array Bea	83.11	339	P	P	02 34 42.2 +0.3
PDAR	Pinedale Array	85.27	346	P	P	02 34 57.9 +5.0
SADO	Sadko	86.26	8	LR	LR	03 09 43.9
BBTS	Babate	88.24	69	LR	LR	03 11 57.3
<p>ISC 10 02:22:16.5:1.2,1.9, 10:26N:125:65E, h0km, mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=189.5km s-min=23.4km az=67.0</p> <p>ISC 10 02:28:16.5:1.2,1.9, 10:5N:02:126:4E:0.2, h44km, n7, o033/9, mb3.8/5, 1C-1D, Philippine Islands region</p>						
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s ISC
PLP	Palo	1.51 295f	Op	ISC	h m s ISC	02 28 41.0 -0.1
PLP	Palo	1.51 295f	Pn	Sb	02 28 59.1 -0.4	
RCP	Roxas	3.71 286f	eP	Pn	02 29 11.8 +0.5	
WRA	Warramunga Arr	31.28 165	P	P	02 34 32.3 -0.2	
ASAR	Alme Springs	34.98 168	P	P	02 35 03.0 0.0	
MKAR	Makanochi Array	51.88 323	P	P	02 37 20.7 +0.1	
KURBB	Kurchatov Arra	55.91 325	P	P	02 37 50.0 +0.1	
ARCES	ARCES Array B	83.98 340	P	P	02 40 41.8 0.0	
<p>TEH 10 02:29:56.9:3.4, 62N:46:23E, h19km, ML2.9</p> <p>ISN 10 02:29:56.8:1.3, 34:62N:46:31E, h18km, 8km, ML3.0</p> <p>ISC 10 02:29:57.6:1.2, 34.60N:0.04:46:24E:0.04, h17km, 10km, n13, e192/17, Western Iran</p>						
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s ISC
IDHR	Idhrash	0.15 51	Pg	Pg	02 30 02.4 +0.5	
IGHG	Ghaleghar	0.38 136	Pg	Pg	02 30 06.9 -1.8	
KGSI	Ghasr-e-Shirin	0.55 260	Pg	Pg	02 30 08.7 +0.2	
GLGI	Gilan-e-Gharb	0.56 210	Pg	Pg	02 30 09.0 +0.2	
ILIN	Lien	0.67 62	Pg	Pg	02 30 11.5 -1.0	
KNQR	Cheshme Sefid,	0.73 116	Pg	Pg	02 30 12.6 -0.8	
ILBA	Ilan Barvizeh	0.98 182	Pg	Pg	02 30 17.1 +0.6	
SQNH	Songoro Kerman	1.17 77	Pg	Pg	02 30 21.1 +0.9	
IBZA	Bozab	1.34 95	Pg	Pg	02 30 23.6 +0.2	
IBDR	Badra	1.51 190	eP	Pb	02 30 25.0 -0.2	
IBDR	comp=N,170nm,0.9s		eSg	AML	02 30 44.0 -0.1	
IBDR	comp=N,170nm,0.9s		AML	AML	02 30 52.	

SUA	baz=269 Susitna One	77.36	29	I	Amb	I	Amb	02 54 58.4	E27K	Coleen River	80.98	22	P	P	02 55 17.9	-0.4	comp=Z,137nm,19.9s,ba	baz=86,slow=35	P33M	Teslin, Yukon	86.19	29	P	P	02 55 44.2	-1.0		
SUA	comp=Z,6.9nm,0.9s Susitna One	77.36	29	P	P			02 54 57.8	CRQE	Cirque	81.10	30	P	P	02 55 19.6	+0.4	baz=285		AK09	Malin Array Si	86.29	32	P	P	02 55 43.1	-2.6		
MLY	baz=269,SNR=5.8 Manley	77.45	26	I	Amb	I	Amb	02 54 59.9	D27M	Malcolm River	81.10	21	I	Amb	I	Amb	02 55 24.1		AK08	Malin Array Si	86.31	32	P	P	02 55 43.2	-2.6		
MLY	comp=Z,4.8nm,0.6s Manley	77.45	26	P	P			02 54 59.1	D27M	Malcolm River	81.10	21	P	P	02 55 19.0	+0.1			AK03	Malin Array Si	86.31	32	P	P	02 55 43.2	-2.6		
RAYN	baz=269,SNR=10 Ar Rayn	77.47	29	P	P			02 54 56.5	G27K	Doyon Strip	81.11	24	P	P	02 55 19.8	+0.9	comp=Z,2.4nm,0.8s,ba	slow=4.1,SNR=7.7	AKASG	Malin Array	86.31	32	P	P	02 55 43.0	-2.8		
RAYN	comp=Z,1.6nm,1.5s Nanushuk River	77.63	22	P	P			02 55 00.1	H27K	Steamboat Moun	81.22	24	P	P	02 55 19.9	+0.3	comp=Z,92nm,18.3s,ba	z=59,slow=38					02 55 44.2	-1.0				
D23K	baz=267,SNR=6.6 Itkillik River	77.69	21	P	P			02 54 59.8	K27K	Chicken	81.23	26	I	Amb	I	Amb	02 55 28.5		AKBB	Malin Array Si	86.31	32	P	P	02 55 43.2	-2.6		
C23K	comp=Z,1.1nm,1.1s Itkillik River	77.69	21	P	P			02 55 00.6	K27K	Chicken	81.23	26	P	P	02 55 19.7	+0.1	comp=Z,1.4nm,1.3s		AK10	Malin Array Si	86.31	32	P	P	02 55 43.3	-2.6		
COLD	baz=267,SNR=16 Footloft	77.74	23	P	P			02 55 00.6	I27K	Kandik River	81.25	25	P	P	02 55 19.8	+0.1			AK01	Malin Array Si	86.32	32	P	P	02 55 42.1	-3.8		
G23K	comp=Z,7.5nm,1.1s Bananza Creek	77.79	24	I	Amb	I	Amb	02 55 06.3	L27K	Beaver Creek,	81.44	27	P	P	02 55 21.4	+0.6	comp=Z,9.3nm,1.1s		KIEV	Kiev	86.32	32	P	I	Amb	I	Amb	02 55 44.3
G23K	comp=Z,2.7nm,0.8s Bananza Creek	77.79	24	P	P			02 55 01.7	BCAR	Beaver Creek A	81.46	27	P	P	02 55 20.2	-0.7			KIEV	Kiev	86.32	32	P	P	02 55 43.2	-2.7		
R201	comp=Z,2.9nm,0.9s Rabbit Creek A	77.84	30	P	P			02 55 00.1	M27K	Edge Creek, AK	81.50	28	P	P	02 55 21.5	+0.2	comp=Z,33nm,0.9s		AK02	Malin Array Si	86.33	32	P	P	02 55 43.3	-2.6		
H23K	comp=Z,2.6nm,0.8s Yukon River	77.97	25	I	Amb	I	Amb	02 55 06.6	EGAK	Eagle	81.54	26	P	P	02 55 21.0	-0.2			AK05	Malin Array Si	86.34	32	P	P	02 55 43.4	-2.6		
H23K	comp=Z,2.6nm,0.8s Yukon River	77.97	25	P	P			02 55 01.6	E28M	Babbage River	81.69	22	I	Amb	I	Amb	02 55 32.0		AK04	Malin Array Si	86.34	32	P	P	02 55 43.4	-2.6		
SEW	baz=270 Seward	77.98	31	P	P			02 55 01.4	F28M	Old Crow	81.70	23	I	Amb	I	Amb	02 55 27.0		AK07	Malin Array Si	86.35	32	P	P	02 55 43.5	-2.6		
E23K	comp=Z,1.4nm,1.1s Chandalar	77.99	22	I	Amb	I	Amb	02 55 07.5	F28M	Old Crow	81.70	23	P	P	02 55 22.2	+0.2			AK15	Malin Array Si	86.37	32	P	P	02 55 43.5	-2.7		
E23K	comp=Z,1.4nm,1.1s Chandalar	77.99	22	P	P			02 55 02.5	F28M	Old Crow	81.70	23	P	P	02 55 22.7	+0.6	comp=Z,9.7nm,1.2s		AK14	Malin Array Si	86.40	32	P	P	02 55 43.2	-3.1		
KBZ	comp=Z,2.9nm,0.8s,ba	77.99	31	P	P			02 55 00.1	D28M	Stokes Point	81.87	21	P	P	02 55 23.6	+0.7	z=7.9,SNR=7.9		AK18	Malin Array Si	86.40	32	P	P	02 55 43.3	-3.0		
KBZ	comp=Z,2.9nm,0.8s,ba	77.99	31	P	P			02 55 00.1	CTG	Chitna Glacier	81.92	29	P	P	02 55 24.4	+0.9	z=7.9,SNR=7.9		AK21	Malin Array Si	86.41	32	P	P	02 55 43.3	-3.0		
KBZ	comp=Z,1.39nm,1.8s,ba	77.99	31	P	P			02 55 00.1	I28M	Miner Creek	81.97	25	I	Amb	I	Amb	02 55 23.7	+0.1	z=2.8,SNR=4.2		CSS	Mathiatia	86.41	30	P	P	02 55 43.6	-3.1
TOLK	comp=Z,2.9nm,0.8s Toolik Lake Re	78.02	22	P	P			02 55 02.6	I28M	Miner Creek	81.97	25	P	P	02 55 24.3	+0.7	z=2.8,SNR=4.2		AK13	Malin Array Si	86.43	32	P	P	02 55 42.7	-3.7		
I23K	comp=Z,6.0nm,0.7s Minto, Yukon-K	78.04	25	I	Amb	I	Amb	02 55 04.0	LOGN	Logan Glacier	82.11	30	I	Amb	I	Amb	02 55 56.0		AK20	Malin Array Si	86.43	32	P	P	02 55 43.3	-3.1		
I23K	comp=Z,6.0nm,0.7s Minto, Yukon-K	78.04	25	P	P			02 55 02.6	YUK3	Moose Creek	82.24	29	P	P	02 55 26.0	+0.8	comp=Z,1.1nm,1.4s		AK19	Malin Array Si	86.44	32	P	P	02 55 43.3	-3.2		
PMR	comp=Z,2.6nm,1.9s Palmer	78.13	29	I	Amb	I	Amb	02 55 27.1	E29M	Blow River	82.32	22	P	P	02 55 26.6	+1.3	comp=Z,1.17nm,25.8s		PPT2	Papeete	87.64	108	eLR	LR	02 55 47.9	-0.4		
PMR	comp=Z,2.6nm,1.9s Palmer	78.13	29	P	P			02 55 01.4	DAWY	Dawson	82.39	26	I	Amb	I	Amb	02 55 30.8		PPT2	Papeete	87.64	108	eLR	LR	02 55 47.9	-0.4		
NEA2	comp=Z,5.1nm,0.7s Nenana	78.16	26	P	P			02 55 02.6	DAWY	Dawson	82.39	26	P	P	02 55 26.2	+0.4	comp=Z,1.15nm,22.5s		DLBC	Dease Lake	88.06	31	LR	LR	02 55 47.9	-0.4		
NEA2	comp=Z,5.1nm,0.7s Nenana	78.16	26	P	P			02 55 02.6	H29M	Whitstone	82.49	24	I	Amb	I	Amb	02 55 28.7		KMPD	K-Podol'skiy	88.55	319	P	P	02 55 53.4	-3.3		
MCK	comp=Z,2.7nm,0.6s McKinley	78.21	27	P	P			02 55 02.5	H29M	Whitstone	82.49	24	P	P	02 55 26.8	+0.6	comp=Z,2.9s,21.9s,ba	z=295,slow=32	KMPD	K-Podol'skiy	88.55	319	P	P	02 55 52.9	-3.8		
D24K	comp=Z,2.7nm,0.6s Happy Valley	78.30	21	P	P			02 55 04.2	O28M	Mount Upton	82.51	30	P	P	02 55 27.2	+0.5			PLORS	Plostina Array	89.09	316	P	P	02 55 55.4	-4.0		
C24K	comp=Z,2.7nm,0.6s Franklin Bluff	78.35	21	I	Amb	I	Amb	02 55 08.2	G29M	Pine Creek	82.51	23	I	Amb	I	Amb	02 55 27.4		KMBO	Kilima Mbo	89.28	269	P	P	02 55 59.1	-2.0		
C24K	comp=Z,2.7nm,0.6s Franklin Bluff	78.35	21	P	P			02 55 04.2	G29M	Pine Creek	82.51	23	P	P	02 55 26.9	+0.6	comp=Z,1.4nm,0.8s,ba	z=61,slow=11,SNR=4.5	KMBO	Kilima Mbo	89.28	269	P	P	02 55 59.1	-2.0		
WAT1	comp=Z,2.7nm,0.6s Susitna Watana	78.39	28	P	P			02 55 04.2	PINM	Pinnacle	82.58	30	P	P	02 55 27.3	+0.5	comp=Z,1.22nm,18.1s,ba	z=90,slow=36	BUR08	Bucovina Ar. S	89.60	310	P	P	02 55 59.5	-2.4		
E24K	comp=Z,2.7nm,0.6s Your Creek	78.41	22	P	P			02 55 04.5	YUK6	Steele Glacier	82.64	29	P	P	02 55 27.4	0.0	comp=Z,1.8nm,0.6s,ba	z=72,slow=4.9,SNR=7.3	MAW	Mawson	90.06	200	P	P	02 56 00.8	-2.4		
KNK	comp=Z,2.7nm,0.6s Knik Glacier	78.45	29	P	P			02 55 03.4	I29M	Ogilvie Camp,	82.65	25	P	P	02 55 26.1	-0.9	comp=Z,1.8nm,0.6s		HFS	Hagfors	91.75	332	P	P	02 56 09.2	-2.2		
KNK	comp=Z,2.7nm,0.6s Knik Glacier	78.45	29	P	P			02 55 04.2	I29M	Ogilvie Camp,	82.65	25	P	P	02 55 28.1		comp=Z,1.7nm,0.5s,ba	z=64,slow=6.8,SNR=9.3	HFS	Hagfors	91.75	332	P	P	02 56 09.2	-2.2		
SML	comp=Z,1.1nm,1.0s Sawmill	78.51	29	I	Amb	I	Amb	02 55 09.3	M29M	Somme Creek	83.06	28	I	Amb	I	Amb	02 55 31.3		NOA	NORSAR Array B	92.45	334	P	P	02 56 12.7	-2.0		
SML	comp=Z,1.1nm,1.0s Sawmill	78.51	29	P	P			02 55 04.6	M29M	Somme Creek	83.06	28	P	P	02 55 29.8	+0.4	comp=Z,1.1nm,0.7s,ba	slow=4.5,SNR=3.9	NOA	NORSAR Array B	92.45	334	P	P	02 56 13.2	-1.5		
PWL	comp=Z,2.7nm,0.6s Port Wells	78.53	30	P	P			02 55 04.4	P29M	Peninsula	83.07	31	P	P	02 55 29.8	+0.4	comp=Z,6.7nm,19.0s,ba	z=60,slow=37	NOA	NORSAR Array B	92.45	334	P	P	02 56 13.2	-1.5		
F24K	comp=Z,2.7nm,0.6s Squaw Lake	78.64	23	I	Amb	I	Amb	02 55 07.0	LNL	L'Anse au Loup	83.10	27	P	P	02 55 30.1	+0.6	comp=Z,1.1nm,0.7s		YKA	Yellowknife Ar	93.41	24	LR	LR	02 56 14.5			
F24K	comp=Z,2.7nm,0.6s Squaw Lake	78.64	23	P	P			02 55 06.5	EPYK	Eagle Plains	83.12	24	I	Amb	I	Amb	02 55 30.0		VRAN	Vranov	94.50	322	LR	LR	02 56 15.4			
H24K	comp=Z,2.7nm,0.6s Noodor Dome	78.65	25	P	P			02 55 06.2	EPYK	Eagle Plains	83.12	24	P	P	02 55 29.2	-0.4	comp=Z,6.4nm,18.1s,ba	z=88,slow=36	TAOE	Nuku Hiva Isla	95.05	98	LR	LR	02 57 04.9			
CCB	comp=Z,2.7nm,0.6s Clear Creek Bu	78.70	26	P	P			02 55 04.6	EPYK	Eagle Plains	83.12	24	P	P	02 55 29.2	-0.4	comp=Z,1.79nm,23.5s		MBAR	Mbarara	95.59	270	LR	LR	02 57 04.9			
WAT6	comp=Z,2.7nm,0.6s Susitna Watana	78.77	28	P	P			02 55 06.3	YUK4	Talbot Arm	83.16	29	P	P	02 55 30.3	+0.2	comp=Z,1.05nm,18.4s,ba	z=84,slow=36	CLL	Colim	95.82	325	i	P	02 56 28.8	-1.5		
M23K	comp=Z,2.7nm,0.6s Hadweenz Riv	78.80	29	I	Amb	I	Amb	02 55 06.1	G30M	Aoh Zraii Nji	83.20	23	I	Amb	I	Amb	02 55 34.8		CLL	Colim	95.82	325	i	P	02 56 28.8	-1.5		
G24K	comp=Z,2.7nm,0.6s Hadweenz Riv	78.81	24	P	P			02 55 11.8	G30M	Aoh Zraii Nji	83.20	23	P	P	02 55 30.6	+0.7	comp=Z,1.43nm,18.0s,ba	z=62,slow=37	YBH	Yreka Blue Hor	98.15	45	LR	LR	02 56 36.0			
G24K	comp=Z,2.7nm,0.6s Hadweenz Riv	78.81	24	P	P			02 55 06.6	F30M	Barrier River	83.24	22	P	P	02 55 30.7	+0.6	comp=Z,1.7nm,0.5s		NEW									

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BBJJ, BTK, PPBI, PPSI, XMS, CMJI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SIMJ, BTK, BNK, BKX, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IBDR, SDDS, IKFM, IKRK, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res. Includes stations like Gaotai, Sado, Marumori, Tenmabayashi, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res. Includes stations like Nonsavu, Afi Afiamalu, Niue Niue, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res. Includes stations like USRK Ussuriysk Ar., MNAI Manna, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res. Includes stations like KAPI Kappang, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res. Includes stations like GIRL Giralila, MJAR Matsushiro, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res. Includes stations like ELIB Princess Elisa, DRIO Del Rio, etc.

Summary text at the bottom of the page, possibly a footer or additional notes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BURAR Bucovina Array, GHRH Tescani, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, BRTR Keskin Array B, WEL 104:18:54.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ Urewera, KMRZ Kaimai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MHGZ Mahia Peninsula, MTHZ Maungataniwha, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other parameters. Includes stations like WOLH, SYDH, AUPHS, CNB, MILA, CAN, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other parameters. Includes stations like BBOO, PMG, PMG, PMG, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other parameters. Includes stations like MEEK, FAKI, FAKI, FAKI, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like Palmer Station, Bungbulang, Christmas Isia, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like Natsukes, Futaleufu, Los Muermos, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like Kulm, RPSI, PSI, etc.

Table with columns for station ID, name, coordinates, and various status indicators. Includes stations like MSHR, TJX, PEA0B, etc.

Table with columns for station ID, name, coordinates, and various status indicators. Includes stations like PIX, GLA, KHHM, etc.

Table with columns for station ID, name, coordinates, and various status indicators. Includes stations like SNY, SNY, SNY, etc.

N20K	baz=203,SNR=95	S	S	04 43 15.5	-2.2		
SPCR	baz=203	S	P	04 32 11.3	-0.9		
SPCR	Spurr Chakacha baz=203,SNR=81	P	P	04 43 14.1	-3.6		
SPU	Mount Spurr comp=Z,234nm,1.1s	95.45	13	IAMB	IAMB	04 32 16.3	
ANMO	Albuquerque	95.45	52	P	P	04 32 13.6	+0.5
ANMO	Albuquerque	95.45	52	P	P	04 32 13.8	+0.7
ANMO	comp=Z,2.0nm,1.2s, baz=214,slow=3.9,SNR=45	S	SKS	04 42 38.2	+0.2		
ANMO	comp=Z,2.3nm,1.0s, baz=232,slow=2.3,SNR=13	S	PKPKP	04 49 05.6	0.0		
ANMO	comp=Z,7.2nm,0.9s, baz=58,slow=6.0,SNR=9.1	LR	LR	05 05 40.1			
ANMO	comp=Z,12um,21.9s, baz=231,slow=29						
ATAH	Atahualpa	95.47	102	LR	LR	05 06 45.2	
SPUT	South Promonto	95.47	44	IAMB	IAMB	04 32 16.6	
GRNB	Greenlie Isla	95.55	27	IAMB	IAMB	04 32 23.2	
HVU	Hansel Valley	95.57	44	IAMB	IAMB	04 32 17.0	
D08A	Wollman Farm	95.61	37	IAMB	IAMB	04 32 16.8	
GAMB	Gambell	95.61	3	P	P	04 32 13.0	+0.3
GAMB	baz=187,SNR=56	S	S	04 43 20.2	+1.4		
L18K	Granite Mounta	95.63	10	IAMB	IAMB	04 32 18.4	
L18K	Granite Mounta	95.63	10	P	P	04 32 13.5	+0.6
L18K	baz=199	S	S	04 43 19.4	+0.3		
L18K	baz=199	S	S	04 43 19.4	+0.3		
CRAG	Craig	95.64	24	P	P	04 32 15.5	+2.4
CRAG	Craig	95.64	24	P	P	04 32 14.2	+1.1
CRAG	baz=218,SNR=10	S	S	04 43 26.8	+7.4		
E09A	Wood Farm, Sta	95.64	37	IAMB	IAMB	04 32 16.6	
M19K	Big River Lodg	95.70	12	IAMB	IAMB	04 32 18.0	
M19K	Big River Lodg	95.70	12	P	P	04 32 13.0	-0.3
M19K	baz=201	S	S	04 43 20.6	+0.8		
M19K	baz=201	S	S	04 43 20.6	+0.8		
GO01	Chusmiza	95.72	117	IAMB	IAMB	04 32 18.8	
HLID	Halley	95.75	41	IAMB	IAMB	04 32 18.0	
XLT	XiLinHaoTe	95.76	319	eP	PP	04 32 13.6	-0.5
XLT				SKS	SKS	04 42 39.8	+0.9
XLT				sS	sS	04 43 19.2	-2.1
XLT				pmx	pmx	04 44 09.1	-4.7
XLT	comp=Z,7um,7.1s	LR	LR				
F10A	Beach Ranch, E	95.77	38	IAMB	IAMB	04 32 16.8	
RUBB	Prince Rupert	95.80	26	IAMB	IAMB	04 32 27.9	
RC01	Rabbit Creek A	95.83	14	P	P	04 32 13.7	-0.1
RC01	Rabbit Creek A	95.83	14	P	P	04 32 13.6	-0.3
RC01	baz=205,SNR=304	S	S	04 43 21.1	+0.3		
K17K	Iditarod	95.86	10	IAMB	IAMB	04 32 20.0	
K17K	Iditarod	95.86	10	P	P	04 32 14.3	+0.4
K17K	baz=198,SNR=162	S	S	04 43 23.5	+2.4		
L19K	White Mountain	95.89	11	P	P	04 32 14.0	-0.1
L19K	baz=201	S	S	04 43 22.7	+1.3		
L19K	baz=201	S	S	04 43 22.7	+1.3		
M20K	Styx River	95.90	12	IAMB	IAMB	04 32 18.5	
M20K	Styx River	95.90	12	P	P	04 32 13.5	-0.8
M20K	baz=202	S	S	04 43 20.2	-1.5		
M20K	baz=202	S	S	04 43 20.2	-1.5		
PWL	Port Wells	95.91	15	P	P	04 32 13.7	-0.5
PWL	baz=206,SNR=196	S	S	04 43 20.6	-1.0		
CD2	Chengdu	95.95	303	P	P	04 32 15.7	+0.4
CD2				pP	pP	04 32 48.3	-1.3
CD2				sP	sP	04 32 57.8	0.0
CD2				PP	PP	04 36 11.9	+2.4
CD2				SKS	SKS	04 42 35.8	-4.7
CD2				sS	sS	04 43 24.1	+0.1
CD2				pmx	pmx	04 44 13.6	-2.6
CD2	comp=Z,8um,7.5s	LR	LR				
CD2	comp=Z,29um,27.8s	LR	LR				
CD2	comp=Z,28um,29.2s	LR	LR				
SUA	Susitna One	95.96	13	P	P	04 32 14.1	-0.5
SUA	baz=204,SNR=82	S	S	04 43 22.6	+0.3		
TCUT	Toone Canyon	95.97	45	IAMB	IAMB	04 32 24.8	
KAIM	Kayak Island	95.99	17	P	P	04 32 17.1	+2.5
KAIM	Kayak Island	95.99	17	P	P	04 32 14.6	0.0
KAIM	baz=209,SNR=63	S	S	04 43 24.0	+1.7		
V35K	Ketchikan	96.07	25	IAMB	IAMB	04 32 30.7	
V35K	Ketchikan	96.07	25	P	P	04 32 16.3	+1.3
V35K	baz=219,SNR=12	S	S	04 43 29.6	+6.5		
V35K	baz=219	S	S	04 43 29.6	+6.5		
J16K	Anvik River	96.10	8	P	P	04 32 15.6	+0.6
J16K	baz=196	S	S	04 43 24.6	+1.4		
U33K	Whale Pass	96.15	24	IAMB	IAMB	04 32 22.4	
U33K	Whale Pass	96.15	24	P	P	04 32 16.5	+1.1
U33K	baz=218,SNR=26	S	S	04 43 30.9	+7.1		
U33K	baz=218	S	S	04 43 30.9	+7.1		
SIT	Sitka	96.17	22	P	P	04 32 15.4	0.0
SIT	Sitka	96.17	22	P	P	04 32 16.4	+1.0
SIT	baz=216,SNR=5.7	S	S	04 43 30.5	+6.6		
GLI	Glacier Island	96.20	15	P	P	04 32 15.3	-0.3
GLI	baz=207,SNR=228	S	S	04 43 25.9	+1.7		
EYAK	Cordova Ski Ar	96.22	16	P	P	04 32 15.4	-0.2
EYAK	Cordova Ski Ar	96.22	16	P	P	04 32 15.4	-0.2
EYAK	baz=208,SNR=194	S	S	04 43 25.5	+1.3		
SUCK	Suckling Hills	96.27	17	P	P	04 32 17.6	+1.7
SUCK	baz=208	IAMB	IAMB	04 32 25.7			
SKT	Skwentna	96.29	13	IAMB	IAMB	04 32 19.7	

SKT	Skwentna	96.29	13	P	P	04 32 14.5	-1.4
SKT	baz=204,SNR=101	S	S	04 43 22.8	-2.1		
L20K	Farewell, AK	96.33	12	P	P	04 32 15.4	-0.7
L20K	baz=202,SNR=105	S	S	04 43 24.3	-1.0		
L20K	baz=202	S	S	04 43 24.3	-1.0		
M22K	Willow	96.35	14	P	P	04 32 15.5	-0.7
M22K	baz=205,SNR=58	S	S	04 43 27.0	+1.7		
KNK	Knik Glacier	96.38	14	IAMB	IAMB	04 32 23.1	
KNK	Knik Glacier	96.38	14	P	P	04 32 16.4	0.0
KNK	baz=206,SNR=132	S	S	04 43 27.1	+1.4		
J17K	VABM Dome	96.41	9	IAMB	IAMB	04 32 21.8	
J17K	VABM Dome	96.41	9	P	P	04 32 16.5	+0.1
J17K	baz=197	S	S	04 43 27.7	+1.9		
J17K	baz=197	S	S	04 43 27.7	+1.9		
PMR	Palmer	96.41	14	IAMB	IAMB	04 32 21.4	
PMR	Palmer	96.41	14	P	P	04 32 15.9	-0.5
PMR	Palmer	96.41	14	P	P	04 32 16.2	-0.2
PMR	baz=206,SNR=189	S	S	04 43 25.5	-0.3		
C09A	Chrisman Ranch	96.43	36	P	P	04 32 16.0	-1.0
C09A	comp=Z,181nm,1.1s	IAMB	IAMB	04 32 24.5			
BGLC	Bering Glacier	96.44	17	P	P	04 32 17.9	+1.3
BGLC	baz=210,SNR=21	S	S	04 43 30.4	+4.3		
PSAL	Palomas, Salto	96.48	133	eP	P	04 32 18.7	+0.9
HHC	Hu-ho-hao-te	96.50	315	iP	P	04 32 18.0	+0.4
HHC				sP	sP	04 33 02.2	+1.8
HHC				SKS	SKS	04 42 40.4	-2.5
HHC				pmx	pmx	04 43 31.0	+2.7
HHC	comp=Z,130nm,1.8s			pmx	pmx		
HHC	comp=Z,7um,9.6s	LR	LR				
HHC	comp=Z,8um,22.2s	LR	LR				
HHC	comp=Z,14um,24.0s	LR	LR				
S31K	Pelican	96.61	22	IAMB	IAMB	04 32 26.6	
S31K	Pelican	96.61	22	P	P	04 32 18.3	+0.9
S31K	baz=216,SNR=43	S	S	04 43 35.6	+7.9		
S31K	baz=216	S	S	04 43 35.6	+7.9		
TNCH	TengChong	96.67	295	iP	P	04 32 19.3	+0.5
TNCH				pP	pP	04 32 53.1	0.0
TNCH				sP	sP	04 33 07.0	+5.6
TNCH				SKS	SKS	04 36 14.8	-0.7
TNCH				sS	sS	04 42 42.9	+1.9
TNCH				pmx	pmx	04 43 30.6	0.0
TNCH	comp=Z,88nm,0.4s			pmx	pmx		
TNCH	comp=Z,4um,9.1s	LR	LR				
TNCH	comp=Z,4um,20.9s	LR	LR				
TNCH	comp=Z,7um,22.4s	LR	LR				
I17K	Unalakleet	96.67	8	IAMB	IAMB	04 32 23.1	
I17K	Unalakleet	96.67	8	P	P	04 32 18.0	+0.4
I17K	baz=196,SNR=75	S	S	04 43 29.8	+1.8		
PB18	Visivir	96.73	115	IAMB	IAMB	04 33 52.1	
S32K	Killisnoo	96.74	23	P	P	04 32 19.0	+1.0
S32K	baz=217	S	S	04 43 34.4	+5.6		
S32K	baz=217	S	S	04 43 34.4	+5.6		
T33K	Petersburg	96.76	24	P	P	04 32 19.1	+1.0
T33K	baz=218	S	S	04 43 36.2	+7.2		
SML	Sawmill	96.77	14	P	P	04 32 18.7	+0.5
SML	baz=217	IAMB	IAMB	04 32 36.6			
SML	Sawmill	96.77	14	P	P	04 32 17.9	-0.3
SML	baz=206,SNR=34	S	S	04 43 29.7	+0.7		
833A	Chaparral WMA	96.78	61	P	P	04 32 19.2	+0.2
833A	Chaparral WMA	96.78	61	P	P	04 32 19.1	+0.1
833A	baz=238	S	S	04 43 30.7	+0.1		
J18K	Innoko River	96.80	10	P	P	04 32 18.4	+0.1
J18K	baz=199	S	S	04 43 29.9	+0.7		
S22A	4UR Ranch, Cre	96.83	50	IAMB	IAMB	04 32 25.6	
S22A	4UR Ranch, Cre	96.83	50	P	P	04 32 20.3	+0.9
S22A	baz=235	S	S	04 43 33.2	+2.0		
MESA	MESA	96.83	18	P	P	04 32 19.6	+0.9
MESA	baz=211,SNR=181	S	S	04 43 33.9	+4.0		
ANM	Nome	96.84	6	P	P	04 32 18.7	+0.3
ANM	baz=192,SNR=17	S	S	04 43 31.4	+1.9		
ANM	baz=192	S	S	04 43 31.4	+1.9		
BMRM	Bremner River	96.85	16	P	P	04 32 18.5	-0.1
BMRM	baz=209,SNR=251	S	S	04 43 31.9	+2.0		
APG	El Apazote	96.87	77	S	SKS	04 42 49.0	+2.8
APG	comp=Z,1.0nm,1.1s, baz=84,slow=21,SNR=15			PKPKP	PKPKP	04 49 01.9	
APG	comp=Z,1.0nm,0.8s, baz=295,slow=4.9,SNR=6.8	LR	LR			05 09 29.3	
M23K	Glacier View	96.88	15	P	P	04 32 18.1	-0.6
M23K	baz=207,SNR=96	S	S	04 43 31.1	+1.1		
CUT	Chulifina	96.92	13	P	P	04 32 18.1	-0.6
CUT	baz=205,SNR=74	S	S	04 43 30.4	+0.3		
SCM	Sheep Creek Mo	97.00	15	P	Pdf	04 32 19.5	+0.2
SCM	baz=207,SNR=236	S	S	04 43 32.5	+1.4		
KLU	Klutina	97.01	15	IAMB	IAMB	04 32 25.6	
KLU	Klutina	97.01	15	P	Pdf	04 32 19.5	+0.1
KLU	baz=208,SNR=199	S	S	04 43 33.0	+1.8		
PPLA	Purkeypile	97.01	12	P	P	04 32 17.4	-2.0
PPLA	baz=203	S	S	04 43 29.1	-2.2		
CRQE	Cirque	97.03	17	P	P	04 32 19.4	-0.1
CRQE	baz=210,SNR=156	S	S	04 43 34.0	+2.4		
ZEA	Zeya	97.06	331	eP	Pdf	04 32 19.7	0.0
ZEA						04 36 12.2	

ZEA								e		04 42 43.2	
ZEA								eS	S	04 43 34.2	+2.4
ZEA								pmx	pmx		
ZEA	comp=E,900nm,8.4s							pmx	pmx		
ZEA	comp=N,1um,5.9s							pmx	pmx		
ZEA	comp=Z,4um,8.6s							pmx	pmx		
ZEA	comp=E,20nm,1.2s							pmx	pmx		
ZEA	comp=N,50nm,1.0s										

PLBC		S	S	04 43 43.4 +5.7		
O28M	Mount Upton	97.80	18	P	Pdfff	04 32 23.5 +0.3
O28M	baz=213,SNR=112			S	S	04 43 41.7 +3.3
T35M	Bob Quinn	97.83	25	P	Pdfff	04 32 24.4 +1.3
T35M	baz=220,SNR=9.1			S	S	04 43 47.1 +8.8
O29M	Mount Kennedy	97.84	19	P	Pdfff	04 32 23.8 +0.6
O29M	baz=214,SNR=34			S	S	04 43 44.6 +6.1
J20K	Nowinta River	97.87	11	I	Iamb	04 32 28.0
J20K	comp=Z,118nm,1.1s			P	Pdfff	04 32 23.2 +0.1
J20K	Nowinta River	97.87	11	P	Pdfff	04 32 23.2 +0.1
J20K	baz=202			S	S	04 43 37.7 -0.5
J20K	baz=202			S	S	04 43 37.7 -0.5
CHUM	Lake Minchumin	97.90	12	Pdfff	P	04 32 22.4 -0.8
CHUM	baz=203			S	S	04 43 37.0 -1.5
IMW	Indian Meadow	97.93	43	I	Iamb	04 32 26.2
G16K	Koyuk River	97.94	7	P	P	04 32 22.8 -0.5
G16K	comp=Z,178nm,1.9s			I	Iamb	04 32 28.5
G16K	Koyuk River	97.94	7	Pdfff	Pdfff	04 32 23.7 +0.4
G16K	baz=195			S	S	04 43 40.2 +1.5
HARP	HAARP	97.98	15	Pdfff	Pdfff	04 32 23.8 +0.1
HARP	baz=209			S	S	04 43 39.9 +0.6
GCSA	Galena City Sc	98.00	10	Pdfff	Pdfff	04 32 23.8 +0.3
GCSA	baz=199			S	S	04 43 40.9 +1.7
F15K	North Star Dit	98.03	6	I	Iamb	04 32 28.7
F15K	comp=Z,118nm,1.2s			Pdfff	Pdfff	04 32 24.0 +0.3
F15K	North Star Dit	98.03	6	Pdfff	Pdfff	04 32 24.0 +0.3
F15K	baz=193			S	S	04 43 40.2 +0.6
MSO	Missoula	98.06	39	I	Iamb	04 36 26.2
T25A	Trinidad	98.06	51	Pdfff	Pdfff	04 32 25.4 +0.5
T25A	baz=236			S	S	04 43 47.5 +5.9
PDAR	Pinedale Array	98.06	44	P	PP	04 32 24.4 -0.4
PDAR	comp=Z,18nm,0.9s,ba=205,slow=2.9,SNR=75			PP	PP	04 36 23.7 -2.1
PDAR	comp=Z,12nm,1.0s,ba=228,slow=7.6,SNR=37			PKIKP	PKIKP	04 37 00.8 +3.6
PDAR	comp=Z,4.7nm,0.8s,ba=203,slow=6.6,SNR=1.9			S	SKS	04 42 52.0 +0.8
PDAR	comp=Z,3.9nm,1.0s,ba=333,slow=1.0,SNR=2.9			PKIKP	PKIKP	04 48 56.1 -2.0
PDAR	comp=Z,8.5nm,0.8s,ba=92,slow=4.3,SNR=17			PKPPK	PKPPK	04 57 00.5 -1.1
PDAR	comp=Z,1.3nm,1.0s,ba=107,slow=2.0,SNR=4.1			LR	LR	05 13 35.7
IT0B	Iaqui	98.07	132	I	Iamb	04 32 27.9
IT0B	comp=Z,199nm,1.5s			eP	eP	04 32 26.3 +1.3
DHY	Denali Highway	98.10	14	I	Iamb	04 32 31.9
DHY	comp=Z,120nm,1.3s			Pdfff	Pdfff	04 32 23.7 -0.6
DHY	Denali Highway	98.10	14	Pdfff	Pdfff	04 32 23.7 -0.6
DHY	baz=207			S	S	04 43 40.5 -0.1
SKAG	Skagway	98.10	21	P	Pdfff	04 32 25.7 +1.5
SKAG	Skagway	98.10	21	Pdfff	Pdfff	04 32 25.3 +1.1
SKAG	baz=217			S	S	04 43 48.3 +8.0
SN05	Snyder 5	98.14	56	P	P	04 32 24.6 -0.5
P30M	Million Dollar	98.16	20	Pdfff	Pdfff	04 32 25.3 +0.8
P30M	baz=215			S	S	04 43 45.1 +4.1
H18K	Honhosa River	98.18	9	I	Iamb	04 32 29.2
H18K	comp=Z,172nm,1.3s			Pdfff	Pdfff	04 32 23.8 -0.7
H18K	Honhosa River	98.18	9	Pdfff	Pdfff	04 32 23.8 -0.7
H18K	baz=198			S	S	04 43 41.7 +0.8
FLWY	Flag Ranch	98.18	43	I	Iamb	04 32 29.2
FLWY	comp=Z,102nm,1.1s			Pdfff	Pdfff	04 32 24.7 0.0
G17K	Kiwalik Mouna	98.24	8	Pdfff	Pdfff	04 32 24.7 0.0
G17K	baz=196			S	S	04 43 43.3 +2.0
S34M	Telegraph Cree	98.24	24	I	Iamb	04 32 38.6
S34M	comp=Z,109nm,0.9s			Pdfff	Pdfff	04 32 25.9 +1.1
S34M	Telegraph Cree	98.24	24	Pdfff	Pdfff	04 32 25.9 +1.1
S34M	baz=220			S	S	04 43 48.5 +6.9
BPAW	Bear Paw Mtn.	98.33	12	Pdfff	P	04 32 24.1 -1.1
BPAW	baz=204			S	S	04 43 39.3 -2.9
YUK8	Steele Glacier	98.34	18	Pdfff	Pdfff	04 32 26.0 +0.5
YUK8	baz=213			S	S	04 43 47.7 +4.7
MCK	McKinley	98.38	13	Pdfff	Pdfff	04 32 25.1 -0.3
MCK	baz=206			S	S	04 43 41.3 -1.4
I20K	Naaghedeneel	98.40	10	P	Pdfff	04 32 25.4 +0.1
I20K	Naaghedeneel	98.40	10	Pdfff	Pdfff	04 32 25.8 +0.5
I20K	baz=201			S	S	04 43 44.0 +1.4
PAX	Paxson	98.42	15	Pdfff	P	04 32 25.2 -0.4
PAX	baz=209			S	S	04 43 43.4 +0.5
YUK6	Outpost Mouna	98.44	19	Pdfff	Pdfff	04 32 26.3 +0.4
YUK6	baz=214			S	S	04 43 45.9 +2.2
PLTB	Pedras Altas	98.44	136	I	Iamb	04 32 29.6
PLTB	comp=Z,237nm,1.7s			eP	eP	04 32 27.5 +0.8
M26K	Pedras Altas	98.44	136	I	Iamb	04 32 27.5 +0.8
M26K	Nabesna, AK	98.48	16	Pdfff	Pdfff	04 32 26.1 +0.2
M26K	comp=Z,156nm,0.9s			Pdfff	Pdfff	04 32 26.1 +0.2
M26K	Nabesna, AK	98.48	16	Pdfff	Pdfff	04 32 26.1 +0.2
M26K	baz=211			S	S	04 43 47.0 +3.3
M26K	baz=211			S	S	04 43 47.0 +3.3
RODS	Rosario do Sul	98.48	134	eP	P	04 32 26.6 -0.2
YHH	Holmes Hill	98.52	42	P	P	04 32 27.2 +0.3
YHH	La Paz	98.54	115	I	Iamb	04 32 23.5
LPZA	La Paz	98.54	115	P	Pdfff	04 32 29.3 +1.2
LPZA	comp=Z,22nm,0.9s,ba=233,slow=2.4,SNR=50			SKS	SKS	04 36 31.5 +1.8
LPZA	comp=Z,20nm,1.2s,ba=218,slow=5.5,SNR=4.2			S	SKS	04 42 56.9 +1.2
LPZA	comp=Z,16nm,1.2s,ba=155,slow=22,SNR=12			PKPKP	PKPKP	04 48 58.2 -0.4
LPZA	comp=Z,2.4nm,0.6s,ba=47,slow=1.4,SNR=6.4			LR	LR	05 10 31.0
LPZA	comp=Z,9um,19.2s,ba=242,slow=3			eP	Pdfff	04 32 29.8 +1.7
LPZA	comp=Z,22nm,0.9s			eP	Pdfff	04 32 27.4 +0.4
YUK3	Yellowstone No	98.57	42	Pdfff	Pdfff	04 32 26.9 +0.4
YUK3	baz=213			S	S	04 43 48.3 +3.5
Y22M	Nakina River	98.67	23	I	Iamb	04 32 37.4
Y22M	comp=Z,111nm,1.0s			Pdfff	Pdfff	04 32 27.9 +0.9
Q32M	Nakina River	98.67	23	Pdfff	Pdfff	04 32 27.9 +0.9
Q32M	baz=219					

Q32M		S	S	04 43 53.0 +7.4		
BWN	Brown	98.68	13	I	Iamb	04 32 38.7
YUK4	Talbot Arm	98.69	19	Pdfff	Pdfff	04 32 27.6 +0.5
YUK4	baz=214			P	Pdfff	04 32 27.8 +0.8
P32M	Atlin	98.70	22	P	Pdfff	04 32 27.8 +0.8
P32M	Atlin	98.70	22	Pdfff	Pdfff	04 32 27.6 +0.7
P32M	baz=218			S	S	04 43 53.6 +8.0
M27K	Edge Creek, AK	98.72	17	Pdfff	Pdfff	04 32 27.3 +0.3
M27K	baz=212			S	S	04 43 49.8 +4.0
M27K	baz=212			S	S	04 43 49.8 +4.0
LZH	Lanzhou	98.74	307	P	Pdfff	04 32 29.2 +1.4
LZH	comp=Z,7um,5.5s			SKS	SKS	04 42 51.6 -3.1
LZH	comp=Z,11um,22.0s			S	S	04 43 47.2 -0.1
LZH	comp=Z,12um,22.0s			LR	LR	
LZH	comp=Z,12um,22.0s			LR	LR	
LZH	comp=Z,43um,23.4s			LR	LR	
H19K	Roundabout Riv	98.80	9	I	Iamb	04 32 32.5
H19K	comp=Z,209nm,1.2s			Pdfff	Pdfff	04 32 27.5 +0.4
H19K	Roundabout Riv	98.80	9	Pdfff	Pdfff	04 32 27.5 +0.4
G18K	Tagawaik	98.85	8	Pdfff	P	04 32 27.3 -0.1
G18K	baz=198			S	S	04 32 41.6
O30N	Mendenhall	98.94	20	I	Iamb	04 32 41.6
O30N	comp=Z,93nm,1.1s			Pdfff	Pdfff	04 32 28.6 +0.7
O30N	Mendenhall	98.94	20	Pdfff	Pdfff	04 32 28.6 +0.7
L26K	Log Cabin Wild	98.94	16	I	Iamb	04 32 33.4
L26K	comp=Z,96nm,1.1s			Pdfff	Pdfff	04 32 28.3 +0.4
L26K	Log Cabin Wild	98.94	16	Pdfff	Pdfff	04 32 28.3 +0.4
H20K	Antoleneega Mo	98.99	10	Pdfff	Pdfff	04 32 28.7 +0.6
H20K	baz=201			P	PP	04 32 29.6 +1.2
DLBC	Dease Lake	99.02	24	P	PP	04 36 29.2 -3.3
DLBC	comp=Z,42nm,1.1s,ba=220,slow=4.1,SNR=21			PKIKP	PKIKP	04 36 59.9 +1.7
DLBC	comp=Z,6.7nm,1.0s,ba=222,slow=5.4,SNR=4.0			S	SKS	04 42 56.8 +1.9
DLBC	comp=Z,22nm,1.0s,ba=269,slow=4.3,SNR=3.9			PKPKP	PKPKP	04 48 54.9 -1.0
DLBC	comp=Z,4.2nm,1.1s,ba=53,slow=27,SNR=6.8			LR	LR	05 10 09.2
DLBC	comp=Z,5.3nm,0.7s,ba=174,slow=1.6,SNR=6.3			LR	LR	
DLBC	comp=Z,16um,20.6s,ba=232,slow=31			LR	LR	
DLBC	comp=Z,42nm,1.1s					
DLBC	Dease Lake	99.02	24	Pdfff	Pdfff	04 32 29.1 +0.7
JTS	Las Juntas de	99.07	84	P	PP	04 32 30.8 +1.2
JTS	Las Juntas de	99.07	84	LR	LR	05 08 10.3
JTS	comp=Z,17um,19.6s,ba=238,slow=30			Pdfff	Pdfff	04 32 30.8 +1.2
JTS	Las Juntas de	99.07	84	P	PP	04 32 30.8 +1.2
JTS	baz=196			pmax	pmax	
F17K	Baldwin Pennin	99.08	7	I	Iamb	04 32 33.5
F17K	comp=Z,163nm,1.2s			Pdfff	Pdfff	04 32 28.3 0.0
F17K	Baldwin Pennin	99.08	7	Pdfff	Pdfff	04 32 28.3 0.0
K24K	Donnelly Dome	99.08	14	Pdfff	Pdfff	04 32 28.9 +0.3
K24K	baz=208			Pdfff	Pdfff	04 32 28.2 -0.5
NEA2	Nenana	99.14	13	Pdfff	Pdfff	04 32 28.6 -0.1
NEA2	baz=206			Pdfff	Pdfff	04 32 30.6 +0.7
I21K	Tanana	99.16	11	Pdfff	Pdfff	04 32 28.6 -0.1
I21K	baz=203			Pdfff	Pdfff	04 32 29.8 +0.6
W3YA	Red Feather La	99.19	47	Pdfff	Pdfff	04 32 29.8 +0.6
W3YA	baz=206			Pdfff	Pdfff	04 32 29.8 +0.6
WHY	Whitehorse	99.20	20	P	Pdfff	04 32 29.8 +0.6
WHY	Whitehorse	99.20	20	Pdfff	Pdfff	04 32 29.8 +0.6
WRH	Wood River Hil	99.21	13	I	Iamb	04 32 37.8
WRH	comp=Z,204nm,1.0s			I	Iamb	04 36 34.8
N30M	Aishik Lake	99.21	19	I	Iamb	04 32 29.5 +0.3
N30M	comp=Z,172nm,1.6s			Pdfff	Pdfff	04 32 34.4
N30M	Aishik Lake	99.21	19	Pdfff	Pdfff	04 32 29.0 -0.2
RIDG	Independent Ri	99.23	15	I	Iamb	04 32 34.4
RIDG	comp=Z,44nm,1.1s			Pdfff	Pdfff	04 32 29.0 -0.2
RIDG	Independent Ri	99.23	15	Pdfff	Pdfff	04 32 29.0 -0.2
MLY	Manley	99.23	12	I	Iamb	04 32 38.7
MLY	comp=Z,177nm,1.0s			Pdfff	Pdfff	04 32 28.5 -0.7
MLY	Manley	99.23	12	Pdfff	Pdfff	04 32 28.5 -0.7
G19K	Purcell Mouna	99.29	9	I	Iamb	04 32 34.5
G19K	comp=Z,146nm,1.1s			Pdfff	Pdfff	04 32 29.6 +0.2
G19K	Purcell Mouna	99.29	9	Pdfff	Pdfff	04 32 29.6 +0.2
L27K	Beaver Creek,	99.33	16	Pdfff	Pdfff	04 32 30.3 +0.6
L27K	baz=212			P	Pdfff	04 32 29.8 +0.1
BCAR	Beaver Creek A	99.34	16	P	Pdfff	04 32 30.8 -0.8
OTAV	Otavalo	99.37	96	eP	Pdfff	04 32 35.8
HDA	Harding Lake	99.38	14	I	Iamb	04 32 29.8 0.0
HDA	comp=Z,171nm,1.0s			Pdfff	Pdfff	04 32 29.5 -0.3
HDA	Harding Lake	99.38	14	Pdfff	Pdfff	04 32 29.5 -0.3
F18K	Selawik	99.41	8	Pdfff	Pdfff	04 32 31.4 +0.6
F18K	baz=197			Pdfff	Pdfff	04 32 37.9
435B	Jarell	99.41	60	Pdfff	Pdfff	04 32 31.9 +0.6
435B	baz=199			I	Iamb	04 32 41.7
CCB	Clear Creek Bu	99.42	13	I	Iamb	04 32 41.7
CCB	comp=Z,103nm,1.0s			Pdfff	Pdfff	

10d 4h

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Table with columns: YAK, comp, N, J, um, 4, 3s, smax, smax, and various station identifiers like KOTAN, E24K, C21K, etc.

Table with columns: TKL, comp, Z, 19nm, 1.1s, baz=164, slow=5.5, SNR=4.4, and various station identifiers like GOA, BHPH, O48B, etc.

Table with columns: CHKK, CHushkaly, 120.60, 305, ePKIKP, PKKf, PKKf, and various station identifiers like ULHL, MCBP, LKgw, etc.

Table with multiple columns containing names, dates, times, and various codes. The table is organized into several vertical sections, each starting with a name and followed by a list of entries with associated data points.

PLN	Plauen	159.62	339	ePKPdf	PKPdf	04 38 47.7	-1.2
PLN	baz=24,slow=1.0			ePKPab	PKPab	04 39 25.2	+0.3
PLN	baz=24,slow=5.2			ePP	PP	04 43 03.6	-2.7
ROXB	Rozebush, Pemb	159.65	10	ePP	PKPdf	04 38 42.7	-3.1
MOSS	Moxa	159.65	340	ePKPdf	PKPdf	04 38 44.7	-1.2
MOX	baz=32,slow=1.0			ePKPab	PKPab	04 39 25.1	+0.1
MOX	baz=24,slow=4.3			ePP	PP	04 43 03.3	-0.0
MOX	baz=28,slow=5.2			ePP	PP	04 43 03.3	-0.0
BOVS	Bovan	159.76	311	iP	PKPdf	04 38 44.3	-1.9
ZVC	Zvikov	159.81	334	ePKPDF	PKPab	04 39 26.5	+0.9
ZVC				ePP	PP	04 43 03.2	-4.3
ZVC				AMS	AMS	05 44 50.0	
UBBA	Unterbreizbach	159.94	343	ePKPdf	PKPdf	04 38 45.0	-1.1
UBBA	baz=24,slow=4.3			ePKPab	PKPab	04 39 26.1	+0.1
UBBA	baz=28,slow=5.2			ePP	PP	04 43 05.1	-2.7
BUG	Bochum-Üniver	159.94	348	ePKPdf	PKPdf	04 38 45.3	-0.8
BUG	baz=32,slow=1.0			ePKPab	PKPab	04 39 26.1	-0.1
BUG	baz=24,slow=4.3			ePP	PP	04 43 05.3	-2.6
BUG	baz=28,slow=5.2			ePP	PP	04 43 05.3	-2.6
KASTN	Kahler Asten	159.95	346	ePKPdf	PKPdf	04 38 45.1	-1.1
KASTN	baz=32,slow=1.0			ePKPab	PKPab	04 39 26.6	+0.4
KASTN	baz=24,slow=4.3			ePP	PP	04 43 05.5	-2.5
KASTN	baz=28,slow=5.2			ePP	PP	04 43 05.5	-2.5
MONM	Monmouth	159.99	6	ePP	PKPdf	04 38 44.1	-2.1
MANZ	Manzenberg	160.07	338	ePKPdf	PKPdf	04 38 45.1	-1.3
MANZ	baz=32,slow=1.0			ePKPab	PKPab	04 39 27.3	+0.4
MANZ	baz=24,slow=4.3			ePP	PP	04 43 05.7	-3.1
MANZ	baz=28,slow=5.2			ePP	PP	04 43 05.7	-3.1
STRD	Stroud	160.10	5	eP	PKPdf	04 38 44.0	-2.3
FRGS	Fruska Gora	160.12	317	iP	PKPdf	04 38 44.9	-1.7
MORH	Mroy, Hungar	160.13	321	iP	PKPdf	04 38 45.4	-1.1
VAY	Valandovo	160.13	304	iP	PKPdf	04 38 45.1	-1.6
OLDB	Oldbury-Upon-S	160.19	6	ePP	PKPdf	04 38 45.0	-1.4
ROTZ	Rotzenmühle	160.23	337	ePKPdf	PKPdf	04 38 44.9	-1.6
ROTZ	baz=32,slow=1.0			ePKPab	PKPab	04 39 28.0	+0.5
CKRC	Cesky Krumlov	160.27	332	ePKPDF	PKPdf	04 38 45.6	-1.0
CKRC				ePKPAB	PKPab	04 39 28.2	+0.5
CKRC				ePP	PP	04 43 09.1	-0.9
CKRC				AMS	AMS	05 45 30.0	
CKRC	Cesky Krumlov	160.27	332	ePKIKP	PKPdf	04 38 45.6	-1.0
CKRC				e		04 39 28.2	
CKRC				e		04 43 09.1	
CKRC				MLR	MLR	04 43 09.1	
RONA	Rosalia, Austr	160.28	327	iPKP	PKPdf	04 38 46.0	-0.7
RONA	comp=Z,17nm,1.2s,SNR=73			iPKP	PKPab	04 39 29.1	+1.2
KHC	Kasperske Hory	160.29	334	ePKPDF	PKPdf	04 38 45.5	-1.2
KHC				ePKPAB	PKPab	04 39 28.4	+0.6
KHC				ePP	PP	04 43 09.1	-1.0
KHC				AMS	AMS	05 44 50.0	
KHC	Kasperske Hory	160.29	334	ePKIKP	PKPdf	04 38 45.5	-1.2
KHC				e		04 39 28.4	
KHC				e		04 43 09.1	
KHC				MLR	MLR	04 43 09.1	
CONA	Conrad Observa	160.31	428	iPKP	PKPdf	04 38 45.4	-1.4
CONA	comp=Z,40nm,1.3s,SNR=48			iPKP	PKPab	04 39 29.2	+1.1
CONA				iPKP	PKPab	04 39 29.2	+1.1
SWN1	Swindon	160.39	5	eP	PKPdf	04 38 44.3	-2.3
GE2C	GERESS Array S	160.48	333	ePKPdf	PKPdf	04 38 45.5	-1.5
GE2C	baz=32,slow=1.0			ePKPab	PKPab	04 39 28.8	0.0
GERES	GERESS Array B	160.48	333	ePKPdf	PKPdf	04 38 45.9	-1.0
GERES				ePKPAB	PKPab	04 39 28.7	-0.1
GERES				ePP	PP	04 38 46.4	-0.5
GERES	GERESS Array B	160.48	333	ePKPdf	PKPdf	04 38 46.4	-0.5
GERES	comp=Z,28nm,1.0s,ba=48,slow=2.0,SNR=66			ePKPab	PKPab	04 39 29.6	+0.8
WET	Wetzell	160.54	335	ePKPdf	PKPdf	04 38 45.1	-1.8
WET	baz=32,slow=1.0			ePKPab	PKPab	04 39 29.4	+0.5
WET	baz=24,slow=4.3			ePKPab	PKPab	04 39 29.4	+0.5
WET	baz=28,slow=5.2			ePKPab	PKPab	04 40 02.6	+3.1
GRF	Grafenberg Arr	160.61	339	ePKPdf	PKPdf	04 38 45.6	-1.4
GRF	baz=32,slow=1.0			ePKPab	PKPab	04 39 29.8	+0.7
GRF	baz=24,slow=4.3			ePP	PP	04 43 09.4	-2.3
GRF	baz=28,slow=5.2			ePP	PP	04 43 09.4	-2.3
GRFO	Grafenberg	160.61	339	ePKPdf	PKPdf	04 38 46.8	-0.2
GRFO				ePKPAB	PKPab	04 38 46.8	-0.2
GRFO				ePP	PP	04 39 28.9	
HTL	Hartland	160.62	10	eP	PKPdf	04 38 44.5	-2.3
TEKS	Tekeris	160.63	316	iP	PKPdf	04 38 45.3	-1.9
BEBN	Eben Emael	160.63	350	ePKPdf	PKPdf	04 38 46.2	-0.9
BEBN				ePKPDF	PKPab	04 39 17.0	-1.9
BEBN				ePKP	PKPab	04 39 29.3	-0.7
ELSH	Eiham, Standar	160.64	359	eP	PKPdf	04 38 45.5	-1.6
AHRW	Bad Neuenahr-A	160.84	347	ePKPdf	PKPdf	04 38 46.5	-0.6
AHRW	baz=32,slow=1.0			ePKPab	PKPab	04 39 30.1	0.0
AHRW	baz=24,slow=4.3			ePP	PP	04 43 10.6	-2.1
AHRW	baz=28,slow=5.2			ePP	PP	04 43 10.6	-2.1
TNS	Taunus Mts	160.86	345	ePKPdf	PKPdf	04 38 46.1	-1.1
TNS	baz=32,slow=1.0			ePKPab	PKPab	04 39 30.0	-0.3
TNS	baz=24,slow=4.3			ePP	PP	04 43 10.0	-3.0
TNS	baz=28,slow=5.2			ePP	PP	04 43 10.0	-3.0
MEM	Membach	160.96	349	ePKPdf	PKPdf	04 38 46.0	-1.3
MEM				ePKPDF	PKPab	04 39 31.4	+0.2
MEM				ePKP	PKPab	04 38 46.4	-0.9
BTNL	Ternell	160.96	349	ePKPdf	PKPdf	04 39 30.8	+0.1
BTNL				ePKP	PKPab	04 38 46.5	-0.9
ARSA	Arsberg	160.97	328	iPKP	PKPdf	04 38 46.5	-0.9
ARSA	comp=Z,30nm,1.2s,SNR=24			ePKP	sPKPdf	04 39 31.3	+0.3
SJES	Sjenica	161.04	312	iP	PKPdf	04 38 46.9	-0.9
BSTI	Sart Tilman	161.05	350	ePKPdf	PKPdf	04 38 46.7	-0.7
BSTI				ePKP	PKPab	04 39 30.5	-0.4
MOA	Molin	161.06	331	iPKP	PKPdf	04 38 46.6	-0.9
MOA	comp=Z,32nm,1.3s,SNR=27			ePKP	sPKPdf	04 39 32.6	+1.1
BL12	Lazi&263i	161.08	314	iP	PKPdf	04 38 46.5	-1.2
HMX	Herstmonceux	161.12	1	eP	PKPdf	04 38 46.1	-1.3
BHOU	Houvezeg	161.21	349	ePKPdf	PKPdf	04 38 47.0	-0.6
SHOU	Shou	161.23	315	ePKP	PKPab	04 39 32.8	+1.1
H4PS	Han Pijesak,BI	161.23	345	ePKP	PKPdf	04 38 46.8	-1.1
RUDO	Rudo	161.23	314	ePKP	PKPdf	04 38 48.8	+1.0
TORD	Torides Ar. Beak	161.24	183	ePKP	PKPdf	04 38 48.5	-0.2
TORD	comp=Z,110nm,1.1s,ba=349,slow=1.3,SNR=110			ePKPab	PKPab	04 39 33.5	+0.8
TORD	comp=Z,246nm,1.1s,ba=175,slow=1.0,SNR=133			ePKPab	PKPab	04 39 33.5	+0.8
BCLA	Clavier	161.25	351	ePKPdf	PKPdf	04 38 46.7	-0.9
BCLA				ePKP	sPKPdf	04 39 31.1	-0.3
CCA1	Carmentellis	161.28	12	eP	PKPdf	04 38 45.8	-1.8
IVA	Berane	161.28	311	iPKP	PKPdf	04 38 46.6	-1.4
BGES	Gesves	161.31	351	ePKPdf	PKPdf	04 38 46.5	-1.1
BGES				ePKP	sPKPdf	04 39 30.9	-0.7
PLE	Piljevija	161.37	313	iPKP	PKPdf	04 38 46.9	-1.2
BMRD	Maredsous	161.43	352	ePKPdf	PKPdf	04 38 47.0	-1.7
BMRD				ePKP	sPKPdf	04 39 32.1	+0.4
BIOA	Bad Ischl, Aus	161.44	232	iPKP	PKPdf	04 38 46.8	-1.2
BIOA	comp=Z,47nm,1.4s,SNR=43			ePKP	PKPab	04 39 34.3	+1.4
OHR	Ohrid	161.45	305	iP	PKPdf	04 38 47.3	-0.9
RCHF	Rochefort	161.51	351	ePKPdf	PKPdf	04 38 47.1	-0.7

RCHB	Kolasin	161.54	311	iPKP	PKPab	04 39 32.6	-0.4
KOME	Soboth	161.62	327	iPKP	PKPdf	04 38 47.8	-0.5
SOKA	comp=Z,79nm,1.2s,SNR=70			iPKP	PKPab	04 38 46.7	-1.6
SOKA	comp=Z,216nm,1.7s			iPKP	PKPab	04 39 34.4	+0.6
KBN	Korca	161.65	304	ePKP	PKPdf	04 38 47.1	-1.3
KBN	Korca	161.65	304	ePKP	PKPab	04 38 47.1	-1.3
DOU	Dourbes	161.66	352	ePKPdf	PKPdf	04 38 47.4	-0.6
DOU				ePKP	PKPab	04 39 33.6	-0.1
PUK	Puka	161.68	309	ePKP	PKPdf	04 38 47.7	-0.7
RJOB	Jochberg	161.74	333	ePKPdf	PKPdf	04 38 46.6	-1.6
RJOB	baz=32,slow=1.0			ePKPab	PKPab	04 39 34.9	+0.6
A05A	Mrakovica	161.84	320	iP	PKPdf	04 38 47.1	-1.4
WLF	Walferdange	161.85	348	ePKP	PKPdf	04 38 47.5	-0.7
WLF	Walferdange	161.85	348	ePKP	PKPab	04 38 47.5	-0.7
WLF	Walferdange	161.85	348	ePKP	PKPab	04 39 34.4	-0.1
WLF	Walferdange	161.85	348	ePKP	PKPab	04 38 47.9	-0.4
WLF	Walferdange	161.85	348	ePKP	PKPab	04 39 34.7	+0.2
WLF	baz=24,slow=4.3			ePKPab	PKPab	04 38 47.3	-1.1
BLY	Banja Luka	161.86	319	iP	PKPdf	04 38 47.3	-1.1
PDG	Podgorica	161.91	310	iP	PKPdf	04 38 46.9	-1.6
PDG	Podgorica	161.91	310	iP	PKPab	04 38 47.3	-0.4
PDG	Podgorica	161.91	310	iP	PKPab	04 38 47.0	-1.6
FUR	Furstenfeldbru	161.93	327	ePKPdf	PKPab	04 38 46.8	-1.6
FUR	baz=32,slow=1.0			ePKPab	PKPab	04 39 35.6	+0.6
FUR	baz=24,slow=4.3			ePKPab	PKPab	04 39 35.6	+0.6
NKMS	Niksic	161.94	312	iPKP	PKPdf	04 38 46.9	-1.7
OBKA	Obir	161.97	328	iPKP	PKPdf	04 38 47.7	-0.9
OBKA	comp=Z,24nm,1.3s,SNR=15			iPKP	PKPab	04 39 35.4	0.0
OBKA	Obir	161.97	328	iPKP	PKPdf	04 38 46.9	-1.7
TIR	Tirane	162.00	307	ePKP	PKPab	04 38 46.8	-1.9
TIR				ePKP	PKPab	04 39 35.2	-0.4
TIR				ePKP	PKPab	04 39 35.2	-0.4
TIR				ePKP	PKPab	04 39 35.2	-0.4
TIR				ePKP	PKPab	04 39 35.2	-0.4
STU	Stuttgart	162.02	341	ePKP	PKPab	04 38 48.1	-0.3
STU				ePKP	PKPab	04 39 36.0	+0.6
STU				ePKP	PKPab	04 38 48.1	-0.3
STU				ePKP	PKPab	04 39 36.0	+0.6
STU	Stuttgart	162.02	341	ePKP	PKPab	04 38 47.5	-1.2
STU	baz=32,slow=1.0			ePKPab	PKPab	04 39 36.2	+0.9
STU	baz=24,slow=4.3			ePP	PP	04 43 16.5	-2.6
STU	baz=28,slow=5.2			ePP	PP	04 43 16.5	-2.6
CRES	Cresnjevi	162.04	325	iPKP	PKPdf	04 38 47.3	-1.3
LESA	Schwarzeleot	162.04	333	iPKP	PKPdf	04 38 47.1	-1.5
LESA	comp=Z,91nm,1.4s			iPKP	PKPab	04 39 36.8	+1.2
LESA	comp=Z,251nm,1.8s			iPKP	PKPab	04 38 47.0	-1.8
KBA	Koelnbreinspre	162.05	331	iPKP	PKPdf	0	

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Birch Farm, Mangatoinaka R, Holdsworth Sta, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like baz=299, LATG, ENT, ENTT, etc.

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DRV, WR0, WR0, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WEL, NEIC, IDC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like VNA3, VNA2, VNA1, etc.

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

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

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

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

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

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

Bottom summary text containing station codes and names like IDC 10 04:59:43.1, etc.

MSWJ	Moikau Station	0.48 205	P	Pn	06 27 28.1 +0.3
MSWJ	Moikau Station	0.48 205	P	Sb	06 27 35.9 +0.8
CPWZ	Castlepoint	0.52 82	S	S	06 27 29.1 +0.9
CPWZ	Castlepoint	0.52 82	S	Sb	06 27 38.2 +2.3
PRWZ	Pori Road	0.55 39	S	S	06 27 28.1 +0.5
PRWZ	Pori Road	0.55 39	S	Sb	06 27 29.8 +0.3
POWZ	Post Office R	0.62 18	P	S	06 27 39.1 +0.8
POWZ	Post Office R	0.62 18	P	Sb	06 27 29.9 +0.2
PLWZ	Palliser	0.62 199	P	Sg	06 27 39.6 +1.1
PLWZ	Palliser	0.62 199	P	Sb	06 27 29.9 +0.2
SLWZ	Sherwood	0.62 62	Pn	S	06 27 38.0 +1.4
BFZ	Birch Farm	0.62 62	Pn	S	06 27 30.1 +0.4
BFZ	Birch Farm	0.62 62	P	Sb	06 27 39.0 +0.5
BFZ	Birch Farm	0.62 62	P	Sb	06 27 29.9 +0.2
BFZ	Birch Farm	0.62 62	P	Sb	06 27 29.9 +0.2
WFZ	Wellington	0.65 242	P	S	06 27 30.0 +0.8
WEL	Wellington	0.65 242	P	S	06 27 40.2 +1.2
BHW	Baring Head	0.65 229	P	S	06 27 30.5 +0.6
BHW	Baring Head	0.65 229	P	S	06 27 30.6 +0.6
BHW	Baring Head	0.65 229	P	S	06 27 40.3 +1.2
SNZO	South Karori	0.70 242	P	P	06 27 31.4 +0.7
SNZO	South Karori	0.70 242	P	P	06 27 31.4 +0.7
OHWZ	Ohakea	0.73 348	P	P	06 27 33.3 +1.4
DVHZ	Dannevirke	0.84 36	P	S	06 27 32.9 -0.4
DVHZ	Dannevirke	0.84 36	P	S	06 27 44.8 +1.0
ANRW	Angora Road	0.89 55	P	S	06 27 33.4 -0.8
TCW	Tory Channel	0.97 256	P	S	06 27 35.2 -0.3
TCW	Tory Channel	0.97 256	P	S	06 27 48.8 +1.7
TSZ	Takapari Road	0.98 20	S	S	06 27 35.1 -0.5
TSZ	Takapari Road	0.98 20	S	S	06 27 47.9 -0.4
PRHZ	Porangahau	1.11 50	P	S	06 27 34.0 +1.7
WPHZ	Waipukurau	1.15 38	P	P	06 27 37.7 +0.7
DUWZ	D'Urville Isla	1.23 278	P	P	06 27 39.3 -0.5
CMWZ	Cape Campbell	1.25 232	P	P	06 27 37.9 -0.4
CMWZ	Cape Campbell	1.25 232	P	P	06 27 39.5 +1.2
TUWZ	Tuamarina	1.27 249	P	P	06 27 38.2 -0.4
TUWZ	Tuamarina	1.27 249	P	P	06 27 41.1 +0.2
WAZ	Wanganui	1.29 341	P	P	06 27 41.1 +0.2
PXZ	Pawani	1.39 48	P	P	06 27 40.1 -0.2
BSWZ	Blackbirch Sta	1.44 239	P	P	06 27 41.0 +0.1
BSWZ	Blackbirch Sta	1.44 239	P	P	06 27 41.3 +0.4
KRHZ	Kereru	1.48 26	P	P	06 27 42.0 +0.0
KRHZ	Kereru	1.48 26	P	P	06 27 42.2 +0.2
MOVZ	Moawhango	1.58 6	P	P	06 27 43.9 +1.0
MTVZ	Mangateitei	1.59 359	P	P	06 27 44.9 -1.1
NNZ	Nelson	1.64 261	P	P	06 27 44.2 +0.6
NNZ	Nelson	1.64 261	P	P	06 27 44.9 +1.3
WNVZ	Wahiaoa	1.68 1	P	P	06 27 46.1 +1.7
TRVZ	Turoa	1.68 1	P	P	06 27 46.5 -1.3
PKVZ	Pokaka	1.69 355	P	P	06 27 46.2 +1.6
WHVZ	Whangaeahu Hut	1.70 2	P	P	06 27 44.8 +0.3
KWHZ	Kaweka Forest	1.71 1	P	P	06 27 46.6 +1.7
MAVZ	Matarangi	1.71 1	P	P	06 27 46.8 +1.6
TUVZ	Tukino	1.72 1	P	P	06 27 46.7 +1.6
FWVZ	Far West T-bar	1.72 1	P	P	06 27 48.6 +0.1
LREZ	Lake Rotokare	1.74 330	P	P	06 27 47.5 +1.8
COVZ	Chateau Observ	1.78 0	P	P	06 27 47.6 +1.6
SNVZ	South Ngauruho	1.79 3	P	P	06 27 48.9 +1.7
HNZ	Hunua	1.82 3	P	P	06 27 47.8 +1.5
OTVZ	Oturea	1.82 3	P	P	06 27 48.2 +1.5
ETVZ	East Tongariro	1.85 5	P	P	06 27 48.4 +1.7
NNVZ	North Ngauruho	1.85 2	P	P	06 27 48.6 +1.7
WTVZ	West Tongariro	1.86 2	P	P	06 27 48.5 +1.8
TMVZ	Te Maari	1.87 4	P	P	06 27 48.9 +1.8
NTVZ	North Tongariro	1.89 3	P	P	06 27 48.9 +1.8
KRVZ	Karewarewa	1.91 58	P	P	06 27 48.9 +1.5
TVVZ	Taurea	1.91 58	P	P	06 27 49.3 +1.5
TKNZ	Takaka Hill	1.94 268	P	P	06 27 51.3 -0.6
TKNZ	Takaka Hill	1.94 268	P	P	06 27 51.3 -0.6
PREZ	Palmer Road	1.94 327	P	P	06 27 47.7 -0.4
VRZ	Vera Road	1.96 23	Pn	P	06 27 48.2 +0.1
BKZ	Black Stump Fm	1.96 23	Pn	P	06 27 48.1 +0.1
BKZ	Black Stump Fm	1.96 23	Pn	P	06 27 50.8 +2.0
BKZ	Black Stump Fm	1.96 23	Pn	P	06 27 52.6 -0.4
NBEZ	Namu Road	2.04 321	P	P	06 27 53.0 -0.6
NBEZ	Namu Road	2.04 321	P	P	06 27 53.0 -0.6
KHEZ	Kahui Hut	2.04 325	P	P	06 27 50.3 +0.9
KHEZ	Kahui Hut	2.04 325	P	P	06 27 53.1 -0.7
ARHZ	Aropoanui	2.05 34	P	P	06 27 48.9 +0.5
KREZ	Kerikeri	2.06 330	P	P	06 27 48.9 +0.5
KHZ	Kahutara	2.06 225	P	P	06 27 54.1 -0.7
KHZ	Kahutara	2.06 225	P	P	06 27 50.4 +0.1
MHEZ	Mangahewa	2.11 334	P	P	06 27 50.3 +0.1
THZ	Topohouse	2.12 248	Pn	P	06 27 54.2 +0.8
THZ	Topohouse	2.12 248	Pn	P	06 27 53.5 +1.1
MTVZ	Moutaerangiwha	2.15 25	P	P	06 27 51.2 +0.8
NRVZ	North Rangitikei	2.12 28	P	P	06 27 51.2 +0.8
NMVZ	Naumai	2.12 28	P	P	06 27 51.2 +0.8
MRVZ	Matariki Terra	2.13 258	P	P	06 27 54.5 +1.1
MRVZ	Matariki Terra	2.13 258	P	P	06 27 54.5 +1.1
NBEZ	Newall Road No	2.13 323	P	P	06 27 52.6 -0.4
PKVZ	Pukitahi	2.13 326	P	P	06 27 52.1 -0.1
MRVZ	Matea Rd	2.25 18	P	P	06 27 54.3 +2.0
QRZ	Quartz Range	2.27 273	Pn	P	06 27 55.1 +2.7
QRZ	Quartz Range	2.27 273	Pn	P	06 27 54.3 +2.0
QRZ	Quartz Range	2.27 273	Pn	P	06 27 53.5 +1.1
QRZ	Quartz Range	2.27 273	Pn	P	06 27 53.3 +1.3
WATZ	Wairara	2.28 4	P	P	06 27 56.5 +1.0
MTVZ	Moutaerangiwha	2.30 227	P	P	06 28 01.8 +0.4
ALRZ	Allen Road	2.50 15	P	P	06 27 57.5 +1.8
KUTZ	Kaahu Road	2.50 5	P	P	06 27 57.5 +1.8
HIZ	Hauti	2.52 348	P	P	06 27 57.5 +1.8
HIZ	Hauti	2.52 348	P	P	06 27 57.5 +1.8
HIZ	Hauti	2.52 348	P	P	06 27 58.2 +2.1
KRVZ	Kerikeri	2.58 41	P	P	06 27 56.5 -0.3
MHGZ	Mahia Peninsula	2.58 46	P	P	06 27 57.0 -0.1
SNVZ	Shannon Statio	2.60 33	P	P	06 27 57.3 +0.1
RTZ	Ruatuhuna	2.62 26	Pn	P	06 27 59.1 +1.5
RTZ	Ruatuhuna	2.62 26	Pn	P	06 28 03.4 -0.4
TLVZ	Tolley Road	2.65 13	P	P	06 28 02.6 -1.8
HRVZ	Handcock Road	2.68 13	P	P	06 27 57.8 -0.7
MUGZ	Murupara	2.72 222	Pn	P	06 28 00.7 +1.8
GVZ	Greta Valley S	2.72 222	Pn	P	06 28 07.1 +0.8
GVZ	Greta Valley S	2.72 222	Pn	P	06 28 07.1 +0.8
PRVZ	Paritua Road	2.74 42	P	P	06 27 59.8 -0.8
TARVZ	Mount Tarawera	2.85 38	P	P	06 28 00.1 -0.7
RIGVZ	Rimuhau	2.85 38	P	P	06 28 01.4 +0.4
RAGVZ	Rawiri	2.88 31	P	P	06 28 01.2 +0.1
DSZ	Denniston Nort	2.90 254	Pn	P	06 28 01.2 +0.1
DSZ	Denniston Nort	2.90 254	Pn	P	06 28 00.9 -1.2
URVZ	Urewera	2.98 25	Pn	P	06 28 03.9 -2.8
URVZ	Urewera	2.98 25	Pn	P	06 28 03.9 -2.8
URVZ	Urewera	2.98 25	Pn	P	06 28 00.6 -1.5
LTZ	Lake Taylor	3.02 232	Pn	P	06 28 02.4 -0.3
LTZ	Lake Taylor	3.02 232	Pn	P	06 28 01.9 -0.8
MWVZ	Matawai	3.06 31	P	P	06 28 02.0 +1.3
TKVZ	Te Karaka	3.11 36	P	P	06 28 05.3 +1.5
TOVZ	Tahuroa Road	3.25 36	Pn	P	06 28 07.0 +1.3
TOVZ	Tahuroa Road	3.25 36	Pn	P	06 28 03.8 -2.6
OKVZ	Okains Bay	3.29 213	P	P	06 28 07.6 -1.0
RUGVZ	Raukumara Rang	3.44 30	P	P	06 28 06.7 -1.9
MQVZ	McQueen's Valley	3.46 217	P	P	06 28 08.5 -0.6
OXVZ	Oxford	3.49 227	P	P	06 28 08.5 -0.6
OXVZ	Oxford	3.49 227	P	P	06 28 09.1 -0.3
INZ	Inchbonnie	3.51 239	Pn	P	06 28 09.0 -0.3
INZ	Inchbonnie	3.51 239	Pn	P	06 28 10.4 -1.0
HAZ	Te Kaha	3.67 29	P	P	06 28 11.2 -0.6
PKVZ	Pakihoro	3.69 33	P	P	06 28 15.9 +1.4
RACVZ	Rakai	3.82 221	P	P	06 28 13.1 -1.5
MKAVZ	Moumaki	3.88 356	P	P	06 28 17.7 +2.0
MHCVZ	Mount Hutt	3.89 228	P	P	06 28 17.7 +2.0
AWAVZ	Awhitu Peninsula	4.04 33	Pn	P	06 28 24.7 +3.1
MWVZ	Matakoao Point	4.05 33	Pn	P	06 28 24.7 +3.1
ETAVZ	East Tamaki Rie	4.13 238	P	P	06 28 19.8 +1.0
WIVZ	Waiheke Valley	4.19 356	P	P	06 28 20.5 +1.2
WIVZ	Waiheke Valley	4.19 356	P	P	06 28 20.5 +1.2
KUZ	Kuaotunu	4.23 2	P	P	06 28 20.0 -0.2
KUZ	Kuaotunu	4.23 2	P	P	06 28 19.6 -0.5
RATVZ	Rata Peaks	4.29 229	Pn	P	06 28 19.6 -0.5
RATVZ	Rata Peaks	4.29 229	Pn	P	06 28 19.6 -0.5
RPVZ	Rata Peaks	4.29 229	Pn	P	06 29 04.9 -4.2
RPVZ	Rata Peaks	4.29 229	Pn	P	06 29 04.9 -4.2

ARCZ	Arundel	4.37 226	P	Pn	06 28 20.3 -0.9
TMVZ	Timu	4.76 223	P	Pn	06 28 25.5 -1.1
FOVZ	Fox Glacier	4.94 237	Pn	P	06 28 32.8 -0.4
FOVZ	Fox Glacier	4.94 237	Pn	P	06 28 27.9 -1.1
WCVZ	Waipua Caves	5.12 349	P	Pb	06 28 39.5 -6.5
LBZ	Lake Benmore	5.20 227	Pn	P	06 28 32.1 -0.5
ODVZ	Otauhu Downs	5.41 220	Pn	P	06 28 34.5 -1.2
ODVZ	Otauhu Downs	5.41 220	Pn	P	06 28 34.2 -1.0
ODVZ	Otauhu Downs	5.41 220	Pn	P	06 28 33.9 -1.5
JCVZ	Jackson Bay	5.86 236	P	P	06 28 41.5 -0.2
JCVZ	Jackson Bay	5.86 236	P	P	06 28 40.7 -1.0
OZVZ	Omahuta	5.95 345	P	P	06 28 44.9 +2.0
EAVZ	Earnsclough	6.22 225	P	P	06 28 46.0 -0.6
CTVZ	Chatham Island	6.44 118	Pn	P	06 28 49.5 -0.0
CTVZ	Chatham Island	6.44 118	Pn	P	06 28 42.0 -7.6
CTVZ	Chatham Island	6.44 118	Pn	P	06 28 49.8 +0.2
TUVZ	Tuapeka	6.56 219	P	P	06 28 52.1 +0.9
MUZ	Mavora Lakes	6.96 229	Pn	P	06 28 55.5 -1.3
SYZ	Scrubby Hill	7.22 218	P	P	06 28 59.0 -1.3
WHVZ	Wether Hill R	7.38 226	Pn	P	06 29 01.6 -0.9
DCVZ	Deep Cove	7.58 231	Pn	P	06 29 03.9 -1.3
MCVZ	Macquarie Isla	17.46 214	Pn	P	06 31 15.0 -2.8
ASAR	Alice Springs	38.77 283	P	P	06 34 40.2 +1.6
ASAR	Alice Springs	38.77 283	P	P	06 34 40.2 +1.6

8.0nm,0.3s,baz=289,slow=22,SNR=16
1.9nm,0.3s

WRO Warramunga Arr 40.60 289 P Iamb 06 34 53.4 -0.4
WRO Warramunga Arr 40.74 288 P Iamb 06 35 06.1

WB2 Warramunga Arr 40.74 288 P Iamb 06 34 54.8 -0.2
WB2 Warramunga Arr 40.74 288 P Iamb 06 35 00.5

WRA Warramunga Arr 40.75 288 P P 06 34 54.0 -1.1
WRA Warramunga Arr 40.75 288 P P 06 34 54.9 -0.2

WBO Warramunga Arr 40.83 289 P Iamb 06 34 55.2 -0.5
WBO Warramunga Arr 40.83 289 P Iamb 06 35 12.3

QSPA South Pole Qui 49.15 180 P Iamb 06 36 02.6 +1.1
QSPA South Pole Qui 49.15 180 P Iamb 06 36 38.0

QSPA South Pole Qui 49.15 180 P Iamb 06 36 04.3 +2.9
QSPA South Pole Qui 49.15 180 P Iamb 06 36 04.3 +2.9

BRTR Keskin Arr B 151.07 280 PKPbc PKPbc 06 47 06.5 0.0
Keskin Arr B 151.07 280 PKPbc PKPbc 06 47 06.5 0.0

TORD Torodi Arr B 151.79 283 PKPbc PKPbc 06 47 09.0 +0.4
Torodi Arr B 151.79 283 PKPbc PKPbc 06 47 09.0 +0.4

NEIC 10 06:31:41.3e,2.0,31:99S:0.07:179:3W:0.1,h10km,1km,
mb4.8/30, Error ellipse: s-maj=16.6km s-min=10.5km
az=116.0

WEL 10 06:31:38.9e,0.7,32:5s,6x17:8W:1.5,h120km,MA,9/19,
mb5.3/13,ML5.3/19,MLV5.3/19,Mw(mb)4.7/13, Error
ellipse: s-maj=0.0km s-min=0.0km az=107.7

Table with columns: HD, HHC, MKAR, ZALV, KURBB, BVAR, SCHQ, ARCES, KBZ, VAF, MEF, ARBE, MTSE, NB2, NOA, HFS, MMAI, PABE, AK03, AKASG, AKASG, AKBB, AK09, AK05, ILGA, BR104, BR131, BRTR, MI30, MI28, CSS, CSS, ANTO, LUBAR, RNPFP, RNPFP, SORM, DBIC, DBIC, KMPD, CDBI, STNU, KLYT, BURAR, MORC, CLL, JAVC, VRAC, KRUC, TORD, TORD, ESDC. Includes station names, coordinates, and various codes.

TEH 10 06:44:23.9, 28°24N-59°36E, h8km, 46km, ML3.5, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KBAM, ZHND, ZHND, CHMI, SRVN, KRM1, NHDN, NGCH, KHGB, KHGD, IDAH, ITEG, HQG, AFZ, TPV, WBK, TKDS.

IDC 10 06:59:54.6, 1.5, 10°38N-126°17E, h0km, mb3.9/8, mbmp3.9/8, Error ellipse: s-maj=162.7km s-min=19.6km az=69.0

NEIC 10 06:59:57.0, 1.2, 10°51N-107°126'E-0.1, h10km, 1km, mb4.4/8, Error ellipse: s-maj=24.2km s-min=11.7km az=7.0

ISC 10 07:00:20.0-0.8, 10°51N-107°126'E-0.08, h4km, n27, s-139/136, mb4.5/58, 6C-3D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PLP, LLL, TBP, TBP, SNPH, DAV, RCP, LQP, MYLDM, MAJO, MJBB, WRAB, WRA, WBO, WB2.

Table with columns: PSAA0, ASAR, SONM, MK31, MKAR, MKAR, MAKZ, ZALV, KURK, KURK, KURBB, KKAR, ABKAR, ARCES, FINES. Includes station names, coordinates, and various codes.

IDC 10 07:05:27.5, 0.5, 10°53N-126°22E, h0km, mb4.3/18, mbmp4.3/18, Error ellipse: s-maj=27.4km s-min=13.0km az=67.0

NEIC 10 07:05:29.5, 2.3, 10°55N-107°126'E-0.1, h10km, 1km, mb4.6/88, Error ellipse: s-maj=16.0km s-min=11.9km az=91.0

ISC 10 07:05:33.0-0.4, 10°54N-105°126'E-0.06, h4km, n135, s-139/136, mb4.5/58, 6C-3D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PLP, LLL, TBP, SNPH, DAV, RCP, LQP, MYLDM, MAJO, MJBB, WRAB, WRA, WBO, WB2, WFO, WRO, MBWA, PSAA0, USA0B, AS31, ASAR, ASAR, ASAR, ASAR, SHL, SHL, H1N1, H1N2, H1N3, MORW, MORW, SONM, SONM, SONM, SONM, FORT, BBOO, NWA0, STKA, STKA, PETK, PETK, CAN, CAN, MK31, MK31, MAKZ, MAKZ, NRN, BOON, ZAAO, ZAAO, ZAAO, ZALV.

Table with columns: ZALV, ARSB, KURK, KURBB, GAR, GAR, KK31, KKAR, BVAR, BRVK, BRVK, ABKAR, MRNZ, WKZ, S12K, L16K, H17K, C18K, K17K, K17K, L18K, D19K, D19K, E19K, E19K, B20K, B20K, N19K, N19K, F20K, IMAR, B21K, B21K, KDAD, E21K, E21K, G21K, G21K, H21K, B22K, B22K, D22K, D22K, CNPM, CNPM, CASY, CASY, MLYN, MLYN, RAYN, RAYN, C23K, C23K, G23K, G23K, I23K, PMR, F24K, G24K, G24K, RAR, RAR, ILAR, ILAR, IL03, FYU, FYU, RIDG, RIDG, C27K, C27K, BCAR, CTGM, CTGM, I28M, I28M, SPB1, SPB1, N30M, N30M, ARCES, ARCES, BR131, BR131, FARO, BESE, FINES, FINES, AKASG, AKASG, AK05, MAW, MAW, NC60, NB00, TXAR, TORD, TORD, PLCA, PLCA. Includes station names, coordinates, and various codes.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAREC Mare, Loyalty, PINNC Pines Island, etc.

NEIC 10 07:12:25.2+1.3, 10.60N, 0.08E, 126.1E, 0.1, h10km, 1km, mb4.6/47, Error ellipse: s-maj=17.5km s-min=13.9km az=107.0

IDC 10 07:12:30.2+0.6, 10.48N, 126.19E, h57km, 4km, mb3.7/9, mbmp4.0/9, Error ellipse: s-maj=29.7km s-min=12.3km az=67.0

ISC 10 07:12:29.8+0.4, 10.49N, 126.31E, 0.06, h50km, n79, s129/82, mb4.5/37, 5C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PLP Palo, LLLP Lapu-Lapu, etc.

JSG Sagara 26.41 22 P P 07 17 59.3 +2.5 PHRA Phrae 26.45 291 P P 07 18 00.2 -2.1

KSRs Korea Array 26.85 3 pP 07 18 21.9 +5.1 CMAR Chiang Mai Arr 27.63 290 P P 07 18 12.1 -0.8

CMAR 27.63 290 P P 07 18 26.6 +1.2 FITZ Fitzroy Crossi 28.41 181 P P 07 18 20.1 +0.4

XMIS Christmas Isia 29.25 225 P P 07 18 22.6 -1.4 COEN Coen 29.49 145 P P 07 18 30.7 +1.2

WB9 Warrunganga Arr 31.10 165 P P 07 18 43.9 +0.1 WRA Warrunganga Arr 31.25 165 P P 07 18 45.3 +0.3

WRA Warrunganga Arr 31.25 165 P P 07 18 43.9 -1.1 WRA 31.25 165 P P 07 18 59.5 -2.1

WB2 Warrunganga Arr 31.26 165 P P 07 18 45.9 +0.9 WB2 31.26 165 P P 07 18 57.0 -1.4

MBWA Marble Bar 32.10 192 P P 07 18 57.2 +0.3 MBWA 32.10 192 P P 07 19 08.7 -1.4

PSA00 Pillbara Seismi 32.48 191 P P 07 18 56.3 +0.5 USRK Usuriysk Ar. 33.95 7 pP 07 19 22.7 +4.0

AS31 Alice Springs 34.74 168 P P 07 19 15.6 +0.1 ASAR Alice Springs 34.75 168 P P 07 19 18.0 +0.7

ASAR Alice Springs 34.75 168 P P 07 19 14.8 -0.7 ASAR 34.75 168 P P 07 19 30.7 -1.3

JKA Kamikawa-asahi 36.35 20 P P 07 19 29.1 +0.1 KUL dur 38.89 6 pP 07 20 06.0 +5.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM Songino Array, FORT Forrest, BBOO Buckleboo, etc.

WEL 10 07:14:11.7, 0.8, 38.9, S, 6.17, 7E.1, h129km, 7km, M3.0/26, ML3.3/8, MLV3.0/26, Error ellipse: s-maj=0.0km

NOU 10 07:14:17.4, 37.52S, 177.17E, h87km, MLV3.6/8, Off E. Coast of N. Island, N.Z.

ISC 10 07:14:12.4+1.8, 37.59S, 0.05E, 177.28E, 0.05, h131km, 10km, n79, s191/87, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WHRZ Whale Island, HAZ Te Kaha, RAUK Raukumara Rang, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KNZ Kokoro, WHZ Waihua, KUZ Kauatou, etc.

IDC 10 07:18:58.8-8.2, 31.94S, 179.40W, h86km, 64km, mb3.3/3, mbmp3.7/4, ML3.6/1, Error ellipse: s-maj=61.2km s-min=33.9km az=50.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, ASAR Alice Springs, WRA Warrunganga Arr, etc.

JMA 10 07:21:20.9, 0.1, 42.7N, 0.5, 142.0E, 0.5, h41km, 1km, MD4.1/36, MV3.7/36, ISHIKARI DEPRESSION

SKHL 10 07:21:21.1, 0.3, 42.50N, 142.00E, h53km, 9km, mb4.6/2, IDC 10 07:21:22.8+2.0, 42.71N, 141.87E, h57km, 10km, mb3.2/7, mbmp3.5/8, ML2.6/1, Error ellipse: s-maj=28.8km s-min=14.7km az=113.0

ISC 10 07:21:21.0-0.8, 42.62N, 0.04, 141.98E, 0.03, h40km, 6km, n38, s114/38, mb3.3/7, 14D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JIAM Iburiatsuma, JB2T Biratori 2, etc.

JNBK Urawaka-nobuka 0.67 120 JFP Furan 0.70 40 JFB Norobiretsu 0.71 258 JNB JNB 0.72 325 JISS Ishikarishtisu 0.77 328 JISS Ishikarishtisu 0.77 328

JAB Ashibetsu 0.90 11 JAB Ashibetsu 0.90 11 JKB Kayabe 1.02 224 JKB Kayabe 1.02 224

JCH Churui 1.02 90 JEM Erinio 1.06 124 JHR Hokuryu 1.14 207 ASAJ Ashikawa 1.56 17

ASAJ 1.56 17 comp=N, 207nm, 0.3s, baz=226, slow=12, SNR=387 YUZH Yuzh-Kuril'sk 3.16 62

YUK YUK comp=N, 322nm, 0.5s, baz=308, slow=32, SNR=18 YUK YUK comp=N, 70nm, 0.2s

YUK WAKE ISLAND Hy 31.89 131 YUK WAKE ISLAND Hy 31.89 131 YUK WAKE ISLAND Hy 31.89 131

SHO Shikotan 3.75 69 SHO Shikotan 3.75 69 SHO Shikotan 3.75 69

SHO WAKE ISLAND Hy 31.02 130 YSS Yuzh-Sakhalins 4.37 7 YSS Yuzh-Sakhalins 4.37 7

YSS Yuzh-Sakhalins 4.37 7 YSS Yuzh-Sakhalins 4.37 7 YSS Yuzh-Sakhalins 4.37 7

H1N1 WAKE ISLAND Hy 31.02 130 H1N1 WAKE ISLAND Hy 31.03 130 H1N1 WAKE ISLAND Hy 31.03 130

MG01	comp=Z,6.6nm,0.7s	Puerto William	83.84	146	P	P	08 09 49.0	-0.6
DIV		Divide	83.85	146	I	I	08 09 49.8	+0.4
DIV	comp=Z,5.2nm,0.8s				I	I	08 09 52.8	
SPUT	comp=Z,5.2nm,0.8s	South Promonto	83.94	142	P	P	08 09 49.4	-1.0
MESA		MESA	83.95	146	P	P	08 09 50.3	+0.2
MESA	comp=Z,2.1nm,1.1s	Sheep Creek Mo	84.14	13	P	P	08 09 50.9	+0.1
SCM		SCM			I	I	08 10 36.9	
TXAR	comp=Z,1.1nm,1.3s	Lajitas Array	84.59	36	P	P	08 09 58.1	+5.2
GLB	comp=Z,1.7nm,0.9s	Glantina Butte	84.58	15	P	P	08 09 54.0	+0.9
PV07	comp=Z,1.7nm,0.9s	Paradox Valley	84.96	46	P	P	08 09 55.5	-0.3
RND	comp=Z,1.7nm,0.9s	Reindeer	85.25	12	P	P	08 09 55.4	-1.0
RND					I	I	08 09 59.9	
IPM	comp=Z,5.3nm,0.8s	Iphoh	85.59	276	P	P	08 09 59.0	-0.1
S22A		4UR Ranch, Cre	85.88	48	P	P	08 10 01.0	+0.6
BPMT		Black Pine Ridge	86.13	38	P	P	08 09 59.5	-1.8
WLY		Manley	86.41	10	P	P	08 10 02.5	+0.6
HDA		Harding Lake	86.53	12	P	P	08 10 02.2	-1.1
PD31		Pinedale Array	86.53	42	P	P	08 10 03.0	-0.4
PDAR		Pinedale Array	86.53	42	P	P	08 10 06.9	+3.5
PDAR		Pinedale Array	86.53	42	P	P		
ILAR	comp=Z,0.6nm,0.6s	Eielson Array	86.86	12	P	P	08 10 06.4	+2.2
L29M	comp=Z,0.5nm,0.8s	L29M	87.41	16	P	P	08 10 06.4	-0.4
L29M					I	I	08 10 11.4	
E19K	comp=Z,3.9nm,0.8s	Redstone River	87.80	7	P	P	08 10 09.2	+0.6
SNA4		Sanae	88.84	178	P	P	08 10 14.4	+0.7
SNA4					I	I	08 10 16.9	
SNA4	comp=Z,4.7nm,1.2s	Sanae	88.84	178	I	P	08 10 15.6	+1.9
SNA4	comp=Z,3.0nm,0.5s	Sanae	88.84	178	P	P	08 10 15.9	+2.2
VNA3	comp=Z,2.0nm,0.7s	Neumayer Olym	88.27	175	I	P	08 10 16.6	+2.8
VNA2	comp=Z,0.2nm,0.2s	Neumayer Olym	89.34	176	I	P	08 10 18.9	+2.9
VNA1	comp=Z,7.6nm,0.6s	Neumayer-Stat	89.56	176	I	P	08 10 19.7	+2.8
CMAR	comp=Z,8.0nm,0.9s	Chiang Mai Arr	92.25	289	P	P	08 10 33.0	+2.5
INK	comp=Z,1.1nm,1.1s	Inuvik	92.72	14	P	P	08 10 30.7	-0.7
INK					I	I	08 10 46.8	
KURBB	comp=Z,4.4nm,1.1s	Kurchatov Arra	115.12	318	PKP	PKPdf	08 16 01.1	+1.5
SABA	comp=Z,1.1nm,0.2s	Saba	115.92	79	PKP	PKPdf	08 16 02.0	-0.4
SEUS		St. Eustatius	116.14	80	PKP	PKPdf	08 16 01.4	-1.1
BOOM		Boomschroye usch	116.69	308	PKP	PKPdf	08 16 02.0	-1.1
LMN		Caledonia Moun	117.93	48	PKP	PKPdf	08 16 04.1	-1.1
BVAR		Boroyevoy Array	120.02	321	PKP	PKPdf	08 16 10.9	+1.8
SPB2	comp=Z,1.8nm,0.4s	Spitsbergen Ar	121.09	357	PKP	PKPdf	08 16 11.6	+1.0
ARCES		ARCES Array S	128.45	351	PKP	PKPdf	08 16 27.1	+0.7
ARCES		ARCES Array B	128.45	351	PKP	PKPdf	08 16 26.9	+1.6
FINES	comp=Z,1.3nm,0.4s	FINES Array B	135.57	346	PKP	PKPdf	08 16 42.1	+2.1
HFS	comp=Z,1.4nm,0.6s	Hagfors Array S	148.07	315	PKP	PKPdf	08 16 40.0	
AKASG	comp=Z,0.7nm,0.3s	Malin Array Be	143.39	334	PKP	PKPdf	08 16 52.2	
MARD	comp=Z,1.0nm,0.3s	Mardi	144.00	317	PKP	PKPdf	08 16 54.5	0.0
ARPR	comp=Z,1.0nm,0.3s	Arpagit-MALATY	145.13	311	PKP	PKPdf	08 16 55.4	-0.1
SNOP		Sinop	145.87	318	PKP	PKPdf	08 16 58.2	-0.3
KWP		Kawleria Pacla	146.75	339	PKP	PKPdf	08 16 59.8	+1.0
ILGA		Ilgaz	147.33	317	PKP	PKPdf	08 17 02.8	-0.2
BURAR		Bucovina Array	147.45	334	PKP	PKPdf	08 17 01.2	+1.1
BR131		Breskvin Array S	148.07	315	PKP	PKPdf	08 17 06.0	-0.7
BRTR		Breskvin Array B	148.07	315	PKP	PKPdf	08 17 07.1	+0.6
MLR	comp=Z,3.0nm,0.7s	Munte Rosu	148.77	331	PKP	PKPdf	08 17 05.8	-0.7
MMAI	comp=Z,1.4nm,0.6s	Mount Meron Ar	149.56	302	PKP	PKPdf	08 17 11.7	+2.0
KHC	comp=Z,1.4nm,0.6s	Kasperske Hory	149.67	348	PKP	PKPdf	08 17 08.3	-0.1
GERES	comp=Z,1.3nm,0.4s	GERES Array B	149.92	348	PKP	PKPdf	08 17 12.1	+2.2
CONA	comp=Z,1.3nm,0.4s	Conrad Observa	150.31	345	PKP	PKPdf	08 17 13.0	+2.3
RONA	comp=Z,4.4nm,0.6s	Rosalia, Austr	150.41	344	PKP	PKPdf	08 17 13.4	+2.4
MOA	comp=Z,2.9nm,0.5s	Molin	150.75	347	PKP	PKPdf	08 17 13.6	+2.1
BFO	comp=Z,2.9nm,0.5s	Black Forest	151.17	355	PKP	PKPdf	08 17 11.6	-0.4
LESA	comp=Z,2.6nm,0.5s	Schwarzleotol	151.48	349	PKP	PKPdf	08 17 15.4	+2.2
KBA	comp=Z,2.9nm,0.5s	Koelnbreinsper	151.68	348	PKP	PKPdf	08 17 15.4	+1.6
SOKA	comp=Z,4.2nm,0.5s	Sotho	151.68	345	PKP	PKPdf	08 17 15.3	+1.7
RETA	comp=Z,5.0nm,1.2s	Reutte	151.73	351	PKP	PKPdf	08 17 16.2	+2.5
WATA	comp=Z,1.4nm,0.4s	Walderalm	151.75	350	PKP	PKPdf	08 17 16.0	+2.2
WTTA	comp=Z,6.1nm,0.5s	Wattenberg	151.81	350	PKP	PKPdf	08 17 16.3	+2.3
MOTA	comp=Z,1.3nm,0.5s	Mocsain	151.82	351	PKP	PKPdf	08 17 16.4	+2.4
SQTA	comp=Z,4.9nm,0.9s	Sankt Quirin	151.92	351	PKP	PKPdf	08 17 16.6	+2.5
OBKA	comp=Z,5.1nm,0.6s	Obir	151.96	346	PKP	PKPdf	08 17 11.5	-2.4
DAVA	comp=Z,1.4nm,0.4s	Damuels	152.04	353	PKP	PKPdf	08 17 17.1	+2.6
MYKA	comp=Z,3.9nm,0.6s	Terra Mystica	152.04	347	PKP	PKPdf	08 17 15.4	+1.0
ABTA	comp=Z,3.8nm,0.5s	Abfattersbach	152.16	349	PKP	PKPdf	08 17 16.6	+2.0
FETA	comp=Z,7.8nm,0.5s	Feichten	152.19	351	PKP	PKPdf	08 17 17.3	+2.6
PRED	comp=Z,4.1nm,0.6s	Cave del Predi	152.24	347	PKP	PKPdf	08 17 14.1	-0.4
GUMA		Gualdo di Mace	152.49	345	PKP	PKPdf	08 17 17.0	-2.3
GUMA					PKP	PKPdf	08 17 36.7	-2.3
BSMW		Fiordimonte	155.57	345	PKP	PKPdf	08 17 11.0	-1.3
FDMO		Norcia	155.76	345	PKP	PKPdf	08 17 38.5	-0.8
NRCA		Norcia	155.76	345	PKP	PKPdf	08 17 11.3	-1.4
CAMP		Campotosto	155.97	344	PKP	PKPdf	08 17 10.6	-2.4
CAMP					PKP	PKPdf	08 17 40.1	-1.1
MBO		M'bour	158.62	101	PKP	PKPdf	08 17 14.4	-2.5
MBO					PKP	PKPdf	08 15 45.0	-0.1
MACI		Morro de la Ar	158.76	62	PKP	PKPdf	08 17 13.7	-3.3
MACI					PKP	PKPdf	08 17 53.1	-0.8
SFS		San Fernando	160.62	27	PKP	PKPdf	08 17 59.9	-1.5
TORD		Torodi Ar, Bea	172.97	155	PKP	PKPdf	08 17 30.4	+2.0

IDD 10 08:21:47.6, 4.7, 31:28S; 179:84W, h289km, 42km, mb3.6/4, mbmp4.5/6, Error ellipse: s-maj=38.5km s-min=-21.1km az=39.0

WEL 10 08:21:51.0, 8.0, 33:56S; 176:61W, 1.2, h100km, M5.1/31, mb5.6/30, ML5.6/30, MLV5.6/31, Mw(mb)5.1/30, Error ellipse: s-maj=0.0km s-min=0.0km az=106.5

NOU 10 08:21:52.8, 31:89S; 179:22W, h389km, mb4.3/25, Kermadec Islands Region

ISC 10 08:21:51.3, 0.8, 31:92S; 0:07*178.9W, 0:1, h400km, n124, n184/134, mb3.8/4, 3C, Kermadec Islands region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
GLKZ	Green Lake	2.79	19	Op	ISC	08 22 52.8	-0.2
GLKZ				Pn	ISC	08 23 36.9	-5.9
MXZ	Mataikoa Point	6.07	201	P	Pn	08 23 25.1	+0.6
PKGZ	Pakihoro	6.42	202	P	Pn	08 23 28.9	+0.6
KUZZ	Kaitiaki	6.53	201	P	Pn	08 23 35.2	+0.7
PUZ	Pukitaki	6.55	200	P	Pn	08 23 30.3	+0.4
RUGZ	Raukumara Rang	6.64	204	P	Pn	08 23 30.8	-0.2
RUGZ				S	ISC	08 24 48.6	-3.6
TWZ	Tauwhareparea	6.73	201	P	Pn	08 23 32.1	+0.2
WVZ	Whale Island	6.80	208	P	Pn	08 24 52.9	-1.2
WHRZ	Whararua	6.82	208	P	Pn	08 23 30.3	+0.7
CNGZ	Carnagh Statio	6.95	199	P	Pn	08 23 36.1	+1.2
TKGZ	Ti Karaka	7.01	201	P	Pn	08 23 35.0	+0.1
IMWZ	Matawai	7.02	203	S	ISC	08 24 57.0	-2.1
IMWZ				S	ISC	08 24 56.9	-3.1
MARZ	Manawaha	7.04	210	P	Pn	08 23 36.7	+0.7
Ouz	Omahuta	7.04	240	P	Pn	08 23 33.4	-2.0
URZ	Urewera	7.10	206	P	Pn	08 23 35.2	-0.8
URZ	Urewera	7.10	206	P	Pn	08 23 34.8	-1.2
URZ	59nm, 0.3s, baz=348, slow=3.4, SNR=52			S	ISC	08 24 58.0	-3.5
URZ	Urewera	7.10	206	P	Pn	08 23 38.3	+1.7
EDRZ	Edgewcombe	7.12	209	P	Pn	08 23 39.8	+3.0
RAGZ	Rawiri	7.20	203	P	Pn	08 23 37.2	0.0
RAGZ				S	ISC	08 25 00.1	-3.7
MKRZ	Makaiti	7.25	210	P	Pn	08 23 42.9	+4.5
OMRZ	Omania	7.27	211	P	Pn	08 23 42.2	+3.7
RIMZ	Rimuhau	7.28	201	P	Pn	08 23 42.9	+0.5
TARZ	Mount Tarawera	7.32	209	P	Pn	08 23 42.2	+3.1
HLRZ	Highlands Stat	7.40	210	P	Pn	08 23 43.0	+3.0
RRRZ	Republican Roa	7.41	209	P	Pn	08 23 42.7	+2.7
UTU	Utuhina	7.41	211	P	Pn	08 23 44.1	+4.1
MURZ	Murupara	7.42	201	P	Pn	08 23 39.2	+0.5
MUGZ	Murupara Road	7.42	209	P	Pn	08 23 39.2	+1.2
RTZ	Ruatuhua	7.46	205	P	Pn	08 23 39.9	-0.3
SNGZ	Shannon Statio	7.49	203	P	Pn	08 23 40.4	0.0
SNGZ				S	ISC	08 25 06.5	-3.1
HSRZ	Hossack Road	7.50	210	P	Pn	08 23 44.3	+3.3
GRZ	Galatos Road	7.59	211	P	Pn	08 23 44.4	+2.4
KNZ	Kokohu	7.60	200	P	Pn	08 23 42.2	+0.6
MHGZ	Mahia Peninsula	7.66	199	P	Pn	08 23 43.9	+1.1
ALRZ	Allen Road	7.67	209	P	Pn	08 23 43.3	

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VA01 Torpederas, ROCH El Roble, PEL Peldehue, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SAML Samuel, ITRB Iturama, PDRB Porto dos Gac, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like 352A Blakely, QSPA South Pole Qui, QSPA South Pole Qui, etc.

Table with columns: Station Name, Time, Azimuth, Phase ID, and Residual. Includes stations like W82 Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek, etc.

Table with columns: Station Name, Time, Azimuth, Phase ID, and Residual. Includes stations like MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, and Residual. Includes stations like WBO Warramunga Arr, FITZ Fitzroy Crossi, OSFA South Pole Qui, etc.

10d 10h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Location, and other details. Includes stations like ARG Arkhangelos, CAME Camel-Denizli, AKAS Kas, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Location, and other details. Includes stations like KTHA Kythira Island, VLI Velia, ALN Alexandroupoli, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Location, and other details. Includes stations like H21K Melozitha River, BPAW Bear Paw Mtn., PMR Palmar, etc.

Table with columns: AAK, Ala-Archa, 6.89 22 Pn, Pn, 11 47 10.7 +0.8, comp=E, 17nm, 0.3s, baz=192, slow=4.5, SNR=84

IDC 10 11:50:04.2_1.1, 33.93N; 139.86E, h144km, 4km, mb3.2/2, mbmp3.7/5, Error ellipse: s-maj=41.6km s-min=-8.1km

JMA 10 11:50:05.0_4.3, 34.0N; 018.140E, h132km, 2km, M3.5/5.7, NEAP, MIYAKEJIMA ISLAND
NIED 10 11:50:05.4, 33.95N; 139.62E, h132km, 3.8M, Moment Tensor Solution, s3 Moment tensor: Scale 1014Nm;

ISC 10 11:50:04.1_1.0, 33.92N; 016.13964E; 0.08, h146km, 8km, n37, c1501/39, Southeast of Honshu

Table with columns: Code, Station Name, A^, AZ^, Phase ID, Time, Res, JMKM, Mikurajimianish, 0.05 238 P, Pn, 11 50 23.3 -0.3

JEM Erimo 8.55 18 P Pn 11 52 03.9 -0.7
KSRS Korea Array 10.16 294 P Pn 11 52 28.8 +2.6
ASAJ Asahikawa 10.44 112 P Pn 11 52 27.6 -2.2

ATH 10 11:56:28.5, 38.27N; 20.29E, h11km, 4km, ML2.8
ATH 10 11:56:32.6, 38.44N; 20.51E, h11km, 1km, ML2.3/3, Error ellipse: s-maj=2.1km s-min=-0.8km az=283.0

THE 10 11:56:33.1, 38.43N; 20.53E, h4km, 1km, ML2.7/5, Error ellipse: s-maj=1.6km s-min=-0.5km az=305.0

ISC 10 11:56:32.5-0.8, 38.43N; 020.002-0.02, h8km, 5km, n38, c071/58, Greece

Table with columns: Code, Station Name, A^, AZ^, Phase ID, Time, Res, FSK, Fiskardo, 0.04 44 Op P, ISC, 11 56 34.6 +0.2

n982, c158/1036, mb5.2/229, MS4.6/98, 57C-34D, Philippine Islands region

Table with columns: Code, Station Name, A^, AZ^, Phase ID, Time, Res, LDIP, Loreto, 0.72 247 Op P, ISC, 11 57 17.6 -2.1

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Tehuacan, Fresnillo de T, Yucarcan, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DUNE, SIUC, RTBA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MLY, G23K, D25K, etc.

10d 14h

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for GBOS, IMI, PIAF, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for LPL, LPG, LRF, etc.

LDG 10 14:56:32.7-0.1, 45.51N-6.28E, h2km, Md1.4/2, Error ellipse: s-maj=3.7km s-min=0.6km az=148.0, France

IDC 10 14:58:37.9-1.6, 34.96N-140.05E, h18km, Mb4.2/23, mbmp4.3/27, MLC3.3/5, MS3.7/27, Error ellipse: s-maj=15.0km s-min=11.4km az=81.0

MOS 10 14:58:37.3-1.0, 34.97N-140.06E, h28km, Mb4.9/20, MS4.8/10, Error ellipse: s-maj=12.6km s-min=6.0km az=117.2

NEIC 10 14:58:39.1-1.6, 35.00N-0.05E, 104.24E, h28km, 5km, Mb4.6/74, Error ellipse: s-maj=9.9km s-min=7.1km az=94.0

NIED 10 14:58:39.4, 35.07N-140.23E, h35km, MW4.4, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm, Mm-0.41, Ms-2.02, Mx-2.43, Mz-1.98, Mw-3.99, Mw0.75; Fault plane solution: Mw-4.9000x10^15 NP2; phi=25.00000, delta=89.00000, lambda=24.00000, nu=0.345, 0.00000, delta=86.00000, lambda=-179.00000

JMA 10 14:58:39.4-0.2, 35.1N-0.6-140.2E-0.7, h35km, 1km, MD4.7/38, MW4.5/38, SE OFF BOBO PENINSULA

JMA Felt IV J1 at SE OFF BOBO PENINSULA, ISC 10 14:58:39.8-0.5, 35.04N-0.03-140.22E-0.03, h34km, 1km, n436, phi=90/365, mb4.6/82, MS3.9/26, 9C-14D, Near east coast of eastern Honshu

Main table of station data with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for BS04, KJUC, KTR, etc.

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Main table of station data with columns: JTM, JJC, ASAJ, etc. Includes entries for Tenmabayashi, Erimo, Chichijima, etc.

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Main table of station data with columns: CMAR, DGZ, WMQ, etc. Includes entries for comp=Z, 0.4nm, 0.5s, baz=51, etc.

Table with columns: ID, Name, Az, El, AzRate, ElRate, Status, AzRate, ElRate, Status, AzRate, ElRate, Status. Rows include 120K Naaghedeneel, K20K Telida, K20K Telida, J20K Nowinta River, etc.

Table with columns: ID, Name, Az, El, AzRate, ElRate, Status, AzRate, ElRate, Status, AzRate, ElRate, Status. Rows include HDA Harding Lake, ILAR Eielson Array, P23K Montague Island, etc.

Table with columns: ID, Name, Az, El, AzRate, ElRate, Status, AzRate, ElRate, Status, AzRate, ElRate, Status. Rows include N31M Braeburn, O30N Mendenhall, ARTI Arti, etc.

F22K	John River	75.84	360	P	P	15 18 55.7	-0.1
G29M	Pine Creek	75.87	354	I	Amb	15 18 57.2	
G29M	Pine Creek	76.07	354	P	P	15 18 55.3	-0.6
E17K	Hotham Inlet	76.01	4	P	P	15 18 56.1	-0.6
COLD	Coldfoot	76.11	359	P	P	15 18 57.2	-0.1
F21K	Alatina River	76.12	0	P	P	15 18 57.3	-0.1
G26K	Porcupine River	76.20	357	P	P	15 18 57.7	-0.1
G27K	Doyon Strip	76.22	356	I	Amb	15 19 01.9	
G27K	Doyon Strip	76.22	356	P	P	15 18 57.7	-0.3
F20K	Avaaraat Lake	76.27	1	I	Amb	15 19 02.1	
F20K	Avaaraat Lake	76.27	1	P	P	15 18 57.7	-0.4
EPYK	Eagle Plains	76.29	354	I	Amb	15 19 01.1	
EPYK	Eagle Plains	76.29	354	P	P	15 18 57.7	-0.6
G22K	Bettles	76.43	360	P	P	15 18 59.1	0.0
F19K	Shaluerckik Mo	76.43	2	P	P	15 18 58.5	-0.6
G25K	Bearman Lake	76.48	357	P	P	15 18 59.3	-0.1
H29M	Whitestone	76.58	354	P	P	15 19 00.4	+0.4
H29M	Whitestone	76.58	354	I	Amb	15 19 02.9	
H29M	Whitestone	76.58	354	P	P	15 18 59.7	-0.3
G24K	Hadweenciv Riv	76.59	358	I	Amb	15 19 04.0	
G24K	Hadweenciv Riv	76.59	358	P	P	15 19 00.0	0.0
F18K	Selawik	76.59	3	P	P	15 18 59.6	-0.4
H31M	Peel River	76.61	353	P	P	15 19 00.1	-0.1
G23K	Bananza Creek	76.63	359	I	Amb	15 19 03.8	
G23K	Bananza Creek	76.63	359	P	P	15 19 00.1	-0.2
F17K	Baldwin Pennin	76.68	4	P	P	15 18 60.0	-0.5
H27K	Steamboat Moun	76.79	356	P	P	15 19 01.5	+0.2
G21K	Allakake	76.83	1	P	P	15 19 01.4	0.0
H25L	Birch Creek	76.87	357	P	P	15 19 02.1	0.0
TNA	Tin City	77.07	7	P	P	15 19 03.3	+0.6
G19K	Purcell Moun	77.14	2	I	Amb	15 19 07.0	
G19K	Purcell Moun	77.14	2	P	P	15 19 03.0	-0.1
F15K	North Star Dit	77.19	5	I	Amb	15 19 05.1	
F15K	North Star Dit	77.19	5	P	P	15 19 03.3	-0.1
F14K	Arctic Creek	77.29	6	P	P	15 19 03.3	-0.7
G18K	Tagagawik	77.34	3	I	Amb	15 19 07.7	
G18K	Tagagawik	77.34	3	P	P	15 19 03.6	-0.7
IMAR	Indian Moutai	77.36	1	P	P	15 19 05.2	+0.8
I30M	Mout Dempster	77.38	353	P	P	15 19 04.2	-0.4
I29M	Oglove Camp	77.42	354	P	P	15 19 04.8	0.0
I27K	Kandik River	77.42	355	P	P	15 19 04.8	0.0
I28M	Milner Creek	77.46	355	P	P	15 19 04.8	-0.3
H22K	Ishlatitna Cre	77.46	360	P	P	15 19 04.5	-0.5
H24K	Noodor Dome	77.46	358	P	P	15 19 05.2	+0.1
H23K	Yukon River	77.51	359	P	P	15 19 05.3	0.0
G17K	Kiwalik Moun	77.65	4	P	P	15 19 05.3	-0.7
G16K	Koyuk River	77.66	4	I	Amb	15 19 09.7	
G16K	Koyuk River	77.66	4	P	P	15 19 05.2	-0.8
H21K	Melozitna Rive	77.70	0	P	P	15 19 06.0	-0.3
PRP	Porcupine Dome	77.70	357	P	P	15 19 06.3	-0.2
H19K	Roundabout Moun	77.78	2	I	Amb	15 19 10.5	
H19K	Roundabout Moun	77.78	2	P	P	15 19 06.5	-0.2
I26K	Coal Creek Min	77.80	356	P	P	15 19 06.5	-0.4
H20K	Anotleneega Mo	77.84	1	P	P	15 19 09.9	-0.2
G15K	Niukuk	77.94	5	P	P	15 19 07.5	-0.1
J30M	Hart River	78.01	353	P	P	15 19 07.7	-0.5
H18K	Honhosa River	78.09	3	P	P	15 19 08.5	0.0
POKR	Poker Plat Res	78.17	358	I	Amb	15 19 10.9	
POKR	Poker Plat Res	78.17	358	P	P	15 19 08.9	-0.1
I23K	Minto, Yukon-K	78.19	359	I	Amb	15 19 11.7	
I23K	Minto, Yukon-K	78.19	359	P	P	15 19 08.7	-0.2
EGAK	Eagle	78.21	355	P	P	15 19 09.2	+0.1
H17K	Granite Moun	78.24	3	P	P	15 19 08.7	-0.6
ANM	Nome	78.27	6	P	P	15 19 09.1	-0.4
J29N	Klondike Camp	78.30	354	P	P	15 19 09.5	-0.3
MLY	Manley	78.32	359	P	P	15 19 09.9	-0.9
GAMB	Gambell	78.40	9	P	P	15 19 09.5	-0.6
H16K	Elim	78.42	4	P	P	15 19 09.7	-0.6
ILAR	Eielson Arroy	78.50	358	P	P	15 19 10.8	+0.1
GCSA	Galena City Sc	78.55	2	P	P	15 19 10.6	-0.3
I20K	Naaghedeneel	78.55	1	P	P	15 19 10.4	-0.6
J25K	Salcha River	78.60	357	P	P	15 19 11.3	-0.1
J26L	Joseph Creek	78.63	356	P	P	15 19 10.8	-0.8
CCB	Clear Creek Bu	78.65	358	I	Amb	15 19 14.6	
NEA2	Nenana	78.74	359	I	Amb	15 19 15.3	
NEA2	Nenana	78.74	359	P	P	15 19 11.8	-0.3
DAWY	Dawson	78.78	354	I	Amb	15 19 13.9	
DAWY	Dawson	78.78	354	P	P	15 19 11.8	-0.6
WRH	Wood River H	78.84	358	I	Amb	15 19 15.7	
K29M	Barlow Dome	78.84	353	P	P	15 19 12.3	-0.5
HDA	Harding Lake	78.87	358	I	Amb	15 19 15.7	
HDA	Harding Lake	78.87	358	P	P	15 19 12.0	-0.7
K27K	Chicken	79.01	355	P	P	15 19 13.3	-0.3
SCRK	Sand Creek	79.17	356	I	Amb	15 19 17.1	

SCRK	Sand Creek	79.17	356	P	P	15 19 13.5	-1.1
J20K	Nowinta River	79.17	1	P	P	15 19 13.4	-1.1
I17K	Unalakleet	79.25	4	P	P	15 19 13.6	-1.3
BPWA	Bear Paw Mtn.	79.26	359	I	Amb	15 19 17.9	
BPWA	Bear Paw Mtn.	79.26	359	P	P	15 19 14.3	-0.7
J19K	Poorman	79.33	2	P	P	15 19 14.9	-0.4
K24K	Donnelly Dome	79.43	357	P	P	15 19 15.1	-0.8
RIDG	Independent Ri	79.45	357	I	Amb	15 19 17.8	
RIDG	Independent Ri	79.45	357	P	P	15 19 15.2	-0.8
CHUM	Lake Minchumim	79.48	0	P	P	15 19 15.5	-0.6
MCK	McKinley	79.60	359	P	P	15 19 15.8	-1.0
L29M	L29M	79.62	354	P	P	15 19 16.6	-0.4
KTH	Kantishna Hill	79.81	359	I	Amb	15 19 22.3	
J17K	VABM Dome	79.82	3	I	Amb	15 19 21.6	
J17K	VABM Dome	79.82	3	P	P	15 19 17.8	-0.2
J18K	Innoko River	79.84	2	I	Amb	15 19 20.2	
J18K	Innoko River	79.84	2	P	P	15 19 17.2	-0.9
J16K	Anvik River	79.86	4	I	Amb	15 19 19.8	
J16K	Anvik River	79.86	4	P	P	15 19 17.9	-0.3
TGNT	Hyland Airport	79.92	349	P	P	15 19 18.0	-0.6
BCAR	Bear Creek A	79.95	355	P	P	15 19 19.4	+0.6
ULM	Lac du Bonnet	79.95	327	LR	LR	15 55 40.2	
L27K	Beaver Creek	79.96	355	P	P	15 19 18.5	-0.3
FARO	Faro, Yukon	79.97	351	I	Amb	15 19 23.5	
FARO	Faro, Yukon	79.97	351	P	P	15 19 18.4	-0.4
K20K	Telida	80.00	1	P	P	15 19 18.5	-0.4
M30M	Minto, Yukon	80.01	353	P	P	15 19 18.6	-0.5
JNU	Nakatsue	80.03	56	LR	LR	16 01 45.3	
L26K	Log Cabin Wild	80.09	356	I	Amb	15 19 23.4	
L26K	Log Cabin Wild	80.09	356	P	P	15 19 18.9	-0.6
M13M	Drury Creek, Y	80.12	352	I	Amb	15 19 23.4	
M13M	Drury Creek, Y	80.12	352	P	P	15 19 18.9	-0.7
J14K	Nanvananak Lak	80.20	5	P	P	15 19 19.8	-0.2
DHY	Denali Highway	80.22	358	I	Amb	15 19 23.5	
DHY	Denali Highway	80.22	358	P	P	15 19 19.6	-0.7
PAX	Paxson	80.25	357	P	P	15 19 19.9	-0.5
M29M	Somme Creek	80.30	354	P	P	15 19 20.2	-0.6
PETK	Petrovavlovsk-	80.34	28	LR	LR	15 59 21.8	+0.8
PETK	Petrovavlovsk-	80.34	28	P	P	15 59 21.8	+0.8
PPLA	Purkeypile	80.47	360	P	P	15 19 20.7	-0.9
WAT1	Susitna Watana	80.49	358	P	P	15 19 21.1	-0.6
KOTAN	Kotaneleele Air	80.50	346	P	P	15 19 21.2	-0.5
K17K	Iditarod	80.53	3	P	P	15 19 22.8	+1.0
K17K	Iditarod	80.53	3	P	P	15 19 21.4	-0.4
M27K	Edge Creek, AK	80.66	355	I	Amb	15 19 26.8	
M27K	Edge Creek, AK	80.66	355	P	P	15 19 22.8	+0.1
M26K	Nabesna, AK	80.69	356	P	P	15 19 22.5	-0.3
WAT6	Susitna Watana	80.72	358	P	P	15 19 22.4	-0.6
K15K	Wolf Creek Mo	80.79	4	P	P	15 19 21.9	-1.3
HARP	HAARP	80.81	357	P	P	15 19 22.9	-0.5
L20K	Farewell, AK	80.88	1	P	P	15 19 23.1	-0.7
K13K	Kusilvak Mount	80.92	6	P	P	15 19 23.2	-0.7
CUT	Chuitina	80.95	359	P	P	15 19 24.0	-0.1
N31M	Braeburn, Yuko	80.97	352	P	P	15 19 23.7	-0.5
N32M	Quiet Lake	80.98	351	P	P	15 19 23.8	-0.5
L18K	Granite Moun	81.09	2	I	Amb	15 19 28.7	
L18K	Granite Moun	81.09	2	P	P	15 19 24.4	-0.4
L17K	Donlin	81.11	3	P	P	15 19 24.3	-0.6
YUK3	Moose Creek	81.13	354	P	P	15 19 24.9	-0.5
N30M	Aishika Lake	81.14	353	P	P	15 19 24.7	-0.5
M24K	Tolsoma, Glenn	81.14	357	P	P	15 19 24.8	-0.4
L19K	White Mountain	81.17	1	I	Amb	15 19 29.1	
L19K	White Mountain	81.17	1	P	P	15 19 25.0	-0.2
WTLY	Watson Lake, Y	81.35	348	P	P	15 19 25.7	-0.6
SKT	Skwentna	81.39	360	I	Amb	15 19 29.4	
SKT	Skwentna	81.39	360	P	P	15 19 25.5	-0.9
YUK4	Talbot Arm	81.40	353	P	P	15 19 25.2	-1.6
L15K	Ungalak Moun	81.41	4	P	P	15 19 25.9	-0.6
M19K	Big River Lodg	81.45	1	P	P	15 19 26.0	-0.8
SCM	Sheep Creek Mo	81.46	358	P	P	15 19 26.6	-0.3
L16K	Owl River	81.49	3	P	P	15 19 26.8	-0.2
M20K	Styx River	81.49	0	I	Amb	15 19 29.5	
M20K	Styx River	81.49	0	P	P	15 19 27.4	+0.3
M23K	Glacier View	81.51	358	P	P	15 19 27.1	0.0
SML	Sawmill	81.51	358	I	Amb	15 19 50.7	
SML	Sawmill	81.51	358	P	P	15 19 26.6	-0.5
O48B	Farmland	81.55	315	P	P	15 19 26.5	-1.2
YUK8	Steele Glacier	81.56	354	P	P	15 19 27.0	-0.7
GHO	Glory Hole Cre	81.56	358	I	Amb	15 19 29.4	
N25K	Chitina, Valde	81.57	356	P	P	15 19 27.2	-0.3
M22K	Willow	81.60	359	P	P	15 19 26.7	-0.8
L14K	Kuka Creek	81.66	5	P	P	15 19 26.5	-1.3
WHY	Whitehorse	81.68	351	P	P	15 19 27.0	-1.1
MCRA	McCarthy VSAT	81.70	356	P	P	15 19 27.4	-0.7
O30N	Mendenhall	81.71	352	P	P	15 19 26.7	-1.5

baz=13	Klutina	81.75	357	I	Amb	15 19 32.4	
baz=13	Klutina	81.75	357	P	P	15 19 27.9	-0.5
baz=2.5	Palmer	81.75	358	P	P	15 19 27.7	-0.5
baz=1	Outpost Mounta	81.77	35				

M3.8/2.0, mB3.7/1, ML4.2/25, MLV3.8/20, Mw(mB)2.6/1, Error ellipse: s-maj=0.0km s-min=0.0km az=123.8 ISC 10 15:53:54.5-3.3, 0533S:0.2-179E:1.0, n1, h250km, n64, 0181/83, Off east coast of North Island

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

IDC 10 15:59:57.0-0.6, 59°71'S-25°97'W, h0km, mb4.3/12, mbtmp4.3/13, ML3.5/1, MS3.7/14, Error ellipse: s-maj=22.5km s-min=17.9km az=49.0 NEIC 10 15:59:57.3-2.0, 59.6S:0.1-25.1W:0.2, h10km, 1km, mb4.7/43, Error ellipse: s-maj=21.2km s-min=15.1km az=218.0

ISC 10 15:59:58.7-0.5, 59.74S:0.08-25.69W:0.09, h10km, n25, 01544/113, mb4.6/30, MS3.7/12, 8C-2D, South Sandwich Islands region

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

Table with columns: PMSA, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the M3.8/2.0 event.

Table with columns: PMSA, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC 10 15:59:57.0 event.

Table with columns: M30M, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the BKK 10 16:08:42.9 event.

BKK 10 16:08:42.9-0.7, 23°N-4°10'E, h5km, M3.4/19, mb3.8/11, mb3.6/6, Mjma3.3/19, ML3.5/7, MLV3.7/17, Mw(mB)2.6/6, Myanmar-China border region

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

IDC 10 16:14:42.2-1.1, 33°3'N:0.1-26°32'E:0.08, h7km, 6km, mb4.5/17, Error ellipse: s-maj=15.8km s-min=7.7km az=202.0

ISC 10 16:14:42.0-0.8, 33°40'N:0.09-26°51'E:0.06, h35km, n45, 01544/49, mb4.2/12, Eastern Mediterranean Sea

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

Table with columns: BRTR, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Florina, Kesklin Array B, Celeste, Puka, Ratto Rosso, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMSA, MILA, TOOLANG, STKA, STKA, STKA, etc.

IDC 10 16:23:46.6-1.9, 6.93S-128.82E, h0km, mb3.6/2, mbtm3.4/4, ML3.2/2, Error ellipse: s-maj=140.6km s-min=30.6km az=67.0, Banda S

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

NEIC 10 16:43:00.4-0.9, 18.9N-02:69.00W-0:10, h118km, 12km, ML3.0/28, MD3.0/10(RSPR), Error ellipse: s-maj=37.5km s-min=17.0km az=197.0

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

BKK 10 16:57:37.7-0.5, 23°N, 99°5E, h10km, M3.6/17, mb4.0/17, mb4.0/13, Mjma3.7/13, ML4.4/11, MLV4.1/17, Mw(m)3.0/13

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAW, MAW, CMAR, CMAR, NVAR, NVAR, EKA, EKA, GERES, GERES.

RSPR 10 16:43:01.2, 19:00N-68:96W, h110km, 2km, MD3.0/10, ISC 10 16:42:59.5-1.4, 18.74N-007:69.05W-0:04, h127km, 8km, n60, r1502/71, 17C-6D, Dominican Republic region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MIDR, MIDR, HIDR, HIDR, SPM1, SPM1, SADR, SADR, SADR, SADR, etc.

NEIC 10 16:43:32.4-1.5, 20:8S-0:1, 170:0E-0:1, h118km, 10km, mb4.6/20, Error ellipse: s-maj=21.4km s-min=17.1km az=154.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GRTK, GRTK, GRTK, GRTK, MARNC, MARNC, LIFNC, LIFOU, PINNC, PINNC, etc.

NDI 10 16:57:41.0-3.0, 23:07N-94:62E, h100km, ML4.2, MW4.0, mb4.4(NEIC)

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IMP, IMP, IMP, IMP, KOHI, KOHIMA, KOHI, KOHI, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like KNB Kanab, WCJ Wyandotte Cave, ELS Elsinore Mount, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like BINY Binghamton, DGMT Dagmar, SADO Sadava, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like P33M Teslin, Yukon, SKAG Skagway, N32M Quiet Lake, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

Table with columns: VAE, KSV, AKASO, OBN, DZM, HHC, HHC, HHC, NJ2, NJ2, WRA, ASAR, ASAR, PZH, CMAR. Includes station names like Valguarnera, Kosov, Malin Arr, Obninsk, Mont Dzumac, Hu-ho-hao-te, etc.

SNET 10 17:25:44.4e.1.0, 13:57N:90:05W, h69km, 9km, ML3.6
CATAC 10 17:25:46.2e.0.3, 13:55N:89:97W, h38km, 4km, ML3.7
GCG 10 17:25:49.0e.0.5, 13:92N:90:16W, h83km, 8km, MD3.9
ISC 10 17:25:46.1e.1.4, 13:57N:0:06e.89:97W:0:04, h61km, 11km, n70, e94Z/82, El Salvador

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

Table with columns: TGUH, TGUH, CRIN, CRIN, PKGN, PKGN, YUSH, YUSH, YUSH, SOMN, SOMN, CNGN, CNGN, MOMN, MOMN, RCVN, RCVN. Includes station names like Tegucigalpa, San Cristobal, Cerro Pekin, etc.

IDC 10 17:26:44.5e.5.0, 11:25S:163:46E, h0km, mb3.8/4, mbmt3.8/4, MS3.9/2, Error ellipse: s-maj=132.8km s-min=50.9km az=113.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

IDC 10 17:35:36.2e.3.0, 1:35S:102:06E, h0km, mb3.6/3, mbmt3.6/3, Error ellipse: s-maj=272.2km s-min=63.9km az=38.0, Southern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

IDC 10 17:48:02.8e.0.9, 33:59S:178:81W, h0km, mb4.3/4, mbmt4.4/5, M.L.3/1, MS3.6/4, Error ellipse: s-maj=33.8km s-min=27.2km az=81.0

WEL 10 17:48:04.2e.0.6, 34:5e.5.7, h120km, M4.5/1, mb4.9/6, M.L.4/9/13, M.L.4/7/14, Mw(mb)4.2/6, Error ellipse: s-maj=0.0km s-min=0.0km az=113.8

NEIC 10 17:48:07.0e.0.9, 33:9S:0:1, 179:04W:0:07, h10km, 1km, mb4.5/10, Error ellipse: s-maj=22.7km s-min=10.3km az=171.0

NOU 10 17:48:48.6e.36:58S:179:53E, h93km, MLv3.8/5, Off E.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

10d 19h

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Table with columns: SOEI, Name, Value, Unit, Direction, Date, Time, and other identifiers. Includes entries like SOEI Soe, NLAI Namlea, BATI Bauma, etc.

Table with columns: Name, Value, Unit, Direction, Date, Time, and other identifiers. Includes entries like PGP Puerto Galera, TGY Tagaytay City, PCPS Palayan City, etc.

Table with columns: Name, Value, Unit, Direction, Date, Time, and other identifiers. Includes entries like TJN Taejon, BKNK Bangkok, BKNK Bangkok, etc.

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ULN	Ulaanbaatar	89.66	323cP	P	19 44 34.9	+0.1	
ULN	comp=Z,197nm,1.4s						
ULN	MLR						
ULN	Ulaanbaatar	89.66	323 P	P	19 44 34.9	+0.1	
ULN	Deep Springs	89.68	49	IAMS_20	IAMS_20	20 22 50.8	
EYAK	Cordova Ski Ar	89.69	20	P	19 44 35.3	+0.9	
EYAK	Cordova Ski Ar	89.69	20	P	19 44 33.0	-1.4	
H17K	Granite Mounta	89.70	12	Iamb	Iamb	19 44 58.0	
H17K	comp=Z,14um,20.0s						
H17K	Granite Mounta	89.70	12	P	19 44 33.1	-1.3	
PPLA	Purkeypile	89.70	16	P	19 44 32.1	-2.5	
GTA	Gaotai	89.72	313	P	19 44 35.4	+0.1	
GTA	p				19 44 46.8	+2.2	
GTA	pp				19 48 05.3	-2.5	
GTA	SKS				19 55 02.0	-3.8	
GTA	S				19 55 25.3	-1.6	
GTA	SS				20 01 22.0	-2.3	
GTA	pmax						
GTA	pmax						
GTA	LR						
GTA	LR						
GTA	LR						
LHV	Little Huntoon	89.73	48	Iamb	Iamb	19 45 12.1	
LHV	comp=Z,3um,18.0s						
LHV	IAMS_20						
LHV	IAMS_20						
LHV	20 19 07.9						
BUCK	Buck Mountain	89.77	41	IAMS_20	IAMS_20	20 17 19.5	
COR	Corvallis	89.78	41	IAMS_20	IAMS_20	20 16 57.7	
LPIG	La Paz	89.78	64	LR	LR	20 17 23.9	
DIB	Dawson Inlet	89.79	30	IAMS_20	IAMS_20	20 20 54.1	
J19K	Poorman	89.79	14	IAMS_20	IAMS_20	20 22 21.9	
J19K	Poorman	89.79	14	P	19 44 34.1	-0.7	
CUT	Chuilina	89.81	17	IAMS_20	IAMS_20	20 22 33.8	
CUT	Chuilina	89.81	17	P	19 44 32.8	-2.2	
YAK	Yakutsk	89.81	342	Iamb	Iamb	19 44 33.2	-1.7
YAK	comp=Z,96nm,1.1s						
YAK	Yakutsk	89.81	342	IAMS_20	IAMS_20	20 24 28.2	
YAK	comp=Z,8um,19.0s						
YAK	Yakutsk	89.81	342	LR	LR	20 24 37.2	
YAK	comp=Z,5um,18.6s,baz=138,slow=35						
YAK	Yakutsk	89.81	342	P	19 44 33.5	-1.4	
YAK	ePPP				19 50 07.7		
YAK	eSS				19 55 03.8	-1.1	
YAK	eSSS				20 05 05.7		
YAK	pmax						
YAK	pmax						
YAK	pmax						
YAK	pmax						
YAK	pmax						
YAK	pmax						
YAK	smax						
YAK	smax						
PAHR	Pah Rah Range	89.83	47	Iamb	Iamb	19 45 19.5	
HEBU	Mount Hebo	89.84	40	IAMS_20	IAMS_20	20 17 06.2	
BILL	Bilibino	89.86	359	P	19 44 34.9	-0.2	
BILL	Bilibino	89.86	359	P	19 44 34.6	-0.5	
BILL	Bilibino	89.85	48	P	19 44 04.4	-0.5	
BILL	Bilibino				19 55 05.5	+0.5	
BILL	Bilibino				20 01 27.0	+2.2	
BILL	Bilibino				20 05 02.9		
BILL	comp=Z,242nm,1.5s						
SML	Sawmill	89.88	18	IAMS_20	IAMS_20	20 25 59.6	
SML	comp=Z,7um,19.0s						
SML	Sawmill	89.88	18	P	19 44 33.2	-2.2	
RYN	Ryan	89.89	48	IAMS_20	IAMS_20	20 20 44.4	
RAGM	Ragged Mountai	89.91	21	Iamb	Iamb	19 44 59.5	
RAGM	comp=Z,110nm,1.4s						
I04A	Tendick Farm	89.92	42	Iamb	Iamb	19 45 19.9	
I04A	comp=Z,12um,20.0s						
I04A	IAMS_20						
I04A	IAMS_20						
I04A	20 18 04.4						
SLBS	Sierra La Lagu	89.92	64	P	19 44 37.6	+1.1	
GRAC	Grapevine Rang	89.93	50	Iamb	Iamb	19 45 36.7	
GRAC	comp=Z,75nm,1.4s						
GRAC	IAMS_20						
GRAC	IAMS_20						
GRAC	20 22 50.5						
NVAR	Mina Array Bea	89.95	48	P	19 44 35.6	-0.9	
NVAR	Mina Array Bea	89.95	48	P	19 44 35.6	0.0	
NVAR	comp=Z,8.8nm,0.9s,baz=227,slow=7.9,SNR=26						
NVAR	LR						
NVAR	LR						
NVAR	20 19 58.2						
SUCK	Suckling Hills	89.97	21	IAMS_20	IAMS_20	20 25 10.2	
GLA	Glamis	90.00	54	Iamb	Iamb	19 45 24.1	
GLA	comp=Z,52nm,1.1s						
GLA	IAMS_20						
GLA	IAMS_20						
GLA	20 18 34.5						
HMT	Hamilton	90.01	21	Iamb	Iamb	19 44 59.1	
HMT	comp=Z,8um,19.0s						
HMT	IAMS_20						
HMT	IAMS_20						
HMT	20 20 00.1						
SONM	Songino Array	90.01	323	P	19 44 35.9	-0.6	
SONM	Songino Array	90.01	323	P	19 44 36.2	-0.2	
SONM	comp=Z,69nm,1.0s,baz=144,slow=3.8,SNR=88						
SONM	PKKp				20 02 07.8	+1.9	
SONM	PKKp				20 26 52.1		
SONM	LR						
SONM	LR						
SONM	20 26 52.1						
M23K	Glacier View	90.05	19	P	19 44 34.2	-1.9	
GWY	Greenwater Val	90.06	51	IAMS_20	IAMS_20	20 19 10.8	
G17K	Kwailk Mounta	90.06	12	P	19 44 35.2	-0.8	
H04D	Lebanon	90.09	41	Iamb	Iamb	19 45 23.1	
H04D	comp=Z,165nm,1.6s						
H04D	IAMS_20						
H04D	IAMS_20						
H04D	20 17 38.0						
G03D	McMinnville, O	90.13	40	IAMS_20	IAMS_20	20 16 56.0	
GMN	Gold Mountain	90.15	50	IAMS_20	IAMS_20	20 23 07.2	
GCSA	Galena City Sc	90.16	13	P	19 44 35.6	-0.9	
BGLC	Bering Glacier	90.17	21	P	19 44 34.3	-2.3	
SCM	Sheep Creek M	90.20	19	Iamb	Iamb	19 45 00.7	
SCM	comp=Z,70nm,1.4s						
SCM	IAMS_20						
SCM	IAMS_20						
SCM	20 19 45.0						
H18K	Honhosa River	90.20	13	IAMS_20	IAMS_20	20 20 43.7	
H18K	Honhosa River	90.20	13	P	19 44 36.0	-0.7	
GO08	Villa O Higgin	90.22	144	Iamb	Iamb	19 45 16.2	

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BERG	Berg Lake	90.24	21	IAMS_20	IAMS_20	20 19 47.2
J20K	Nowinta River	90.29	15	IAMS_20	IAMS_20	20 24 03.1
J20K	Nowinta River	90.29	15	P	19 44 36.4	-0.7
F03A	Seaside	90.33	40	IAMS_20	IAMS_20	20 17 30.3
KLU	Klutina	90.36	19	Iamb	Iamb	19 45 00.6
KLU	Klutina	90.36	19	P	19 44 36.2	-1.5
WCT	Wildcat Mounta	90.36	50	IAMS_20	IAMS_20	20 20 25.9
SNH	Sunshine Point	90.37	21	Iamb	Iamb	19 45 01.3
SNH	comp=Z,62nm,1.1s					
BMRM	Bremner River	90.38	20	IAMS_20	IAMS_20	20 31 27.0
BMRM	comp=Z,13um,18.0s					
BMRM	IAMS_20					
BMRM	IAMS_20					
BMRM	20 31 27.0					
PIX	Pinacate	90.38	56	IAMS_20	IAMS_20	20 20 24.9
KVN	Kaiserville	90.39	48	IAMS_20	IAMS_20	20 21 09.3
J05D	Fort Rock, OR	90.39	43	Iamb	Iamb	19 45 22.1
J05D	comp=Z,71nm,1.1s					
J05D	IAMS_20					
J05D	IAMS_20					
J05D	20 18 32.0					
HOLB	Holberg	90.40	34	IAMS_20	IAMS_20	20 21 13.5
RADR	Rader Ridge	90.45	39	IAMS_20	IAMS_20	20 24 12.4
CHUM	Lake Minchumin	90.49	16	P	19 44 35.2	-2.9
H04A	Detroit Lake	90.51	41	Iamb	Iamb	19 45 11.0
H04A	comp=Z,36nm,0.9s					
H04A	IAMS_20					
H04A	IAMS_20					
H04A	20 18 03.1					
BLYC	Blythe	90.53	54	IAMS_20	IAMS_20	20 23 24.6
WAX	Waxal	90.56	21	IAMS_20	IAMS_20	20 20 08.8
KTH	Kantishna Hill	90.57	16	IAMS_20	IAMS_20	20 23 13.7
WAT1	Susitna Watana	90.63	18	P	19 44 37.2	-1.6
WAT6	Susitna Watana	90.67	18	P	19 44 37.8	-1.3
113A	Mohawk Valley	90.67	55	IAMS_20	IAMS_20	20 23 08.5
MESA	MESA	90.67	22	Iamb	Iamb	19 45 02.8
MESA	comp=Z,107nm,1.3s					
MESA	IAMS_20					
MESA	IAMS_20					
MESA	20 22 24.7					
CRESM	MESA	90.67	22	P	19 44 38.8	-0.5
CRMQ	Circle	90.69	21	Iamb	Iamb	19 45 02.5
CROQM	comp=Z,46nm,1.0s					
CROQM	IAMS_20					
CROQM	IAMS_20					
CROQM	20 20 23.6					
TPNV	Topopah Spring	90.70	50	Iamb	Iamb	19 45 29.0
CRQE	Circle	90.71	21	P	19 44 37.7	-1.7
I20K	Naaghedeneel	90.74	14	Iamb	Iamb	19 45 06.6
I20K	comp=Z,44nm,1.1s					
I20K	IAMS_20					
I20K	IAMS_20					
I20K	20 22 21.9					
F04D	Rainier, OR	90.74	40	IAMS_20	IAMS_20	20 17 44.1
M24K	Tolsona, Glenn	90.76	19	Iamb	Iamb	19 45 37.2
M24K	comp=Z,9um,20.0s					
M24K	IAMS_20					
M24K	IAMS_20					
M24K	20 19 43.3					
G18K	Tagagawik	90.80	12	Iamb	Iamb	19 45 03.7
G18K	comp=Z,136nm,1.6s					
G18K	IAMS_20					
G18K	IAMS_20					
G18K	20 21 40.4					
G18K	Tagagawik	90.80	12	P	19 44 38.6	-0.9
F17K	Baldwin Pennin	90.80	11	Iamb	Iamb	19 45 03.3
F17K	comp=Z,38nm,1.0s					
F17K	IAMS_20					
F17K	IAMS_20					
F17K	20 19 33.3					
C03A	Quillayute Air	90.83	38	IAMS_20	IAMS_20	20 20 22.2
PINE	Pine Mountain	90.83	42	Iamb	Iamb	19 45 22.5
PINE	comp=Z,62nm,1.2s					
PINE	IAMS_20					
PINE	IAMS_20					
PINE	20 18 47.7					
WISH	Wishai	90.84	39	IAMS_20	IAMS_20	20 18 35.6
ISLE	Juniper Island	90.85	21	IAMS_20	IAMS_20	20 20 08.3
I05D	Terrebonne, OR	90.86	42	IAMS_20	IAMS_20	20 18 44.3
N25K	Chitina, Valde	90.86	20	Iamb	Iamb	19 45 03.8
N25K	comp=Z,119nm,1.6s					
N25K	IAMS_20					
N25K	IAMS_20					
N25K	20 21 06.5					
YAH	Yahitse	90.88	22	Iamb	Iamb	19 45 17.6
YAH	comp=Z,137nm,1.7s					
YAH	IAMS_20					
YAH	IAMS_20					
YAH	20 22 32.0					
Q09A	Carvers	90.92	48	IAMS_20	IAMS_20	20 21 20.4
CRAG	Craig	90.92	28	IAMS_20	IAMS_20	20 26 17.9
CRAG	comp=Z,7um,18.0s					
CRAG	IAMS_20					
CRAG	IAMS_20					
CRAG	20 26 17.9					
H19K	Roundabout Mou					

BOD	Bodaibo	92.25	334	eP	P	19 44 45.1	-1.3
I23K	Minto, Yukon-K	92.27	16	Iamb	Iamb	19 45 09.6	
I23K	Minto, Yukon-K	92.27	16	P	P	19 44 44.6	-1.7
PALK	Pallekele	92.27	277	P	Iamb	19 44 47.5	-0.1
PALK	Pallekele	92.27	277	IAMS_20	IAMS_20	19 45 08.4	
PALK	Pallekele	92.27	277	IAMS_20	IAMS_20	20 25 42.4	
PALK	Pallekele	92.27	277	LR	LR	20 30 26.5	
PALK	Pallekele	92.27	277	P	P	19 44 47.5	-0.1
PALK	Pallekele	92.27	277	pmax	pmax		
PALK	Pallekele	92.27	277	MLR	MLR		
PALK	Pallekele	92.27	277	P	P	19 44 50.3	+2.7
CCB	Clear Creek Bu	92.27	17	Iamb	Iamb	19 45 08.5	
CCB	Clear Creek Bu	92.27	17	IAMS_20	IAMS_20	20 24 36.7	
M27K	Edge Creek, AK	92.28	20	Iamb	Iamb	19 45 10.8	
M27K	Edge Creek, AK	92.28	20	P	P	19 44 45.9	-0.8
L26K	Log Cabin Wild	92.31	19	Iamb	Iamb	19 45 12.2	
L26K	Log Cabin Wild	92.31	19	IAMS_20	IAMS_20	20 27 23.9	
L26K	Log Cabin Wild	92.31	19	P	P	19 44 45.2	-1.4
HDA	Harding Lake	92.32	17	IAMS_20	IAMS_20	20 23 32.9	
HDA	Harding Lake	92.32	17	P	P	19 44 44.6	-2.0
C17K	DeLong Mountai	92.33	10	P	P	19 44 46.1	-0.4
YUK3	Moose Creek	92.33	21	P	P	19 44 45.4	-1.6
H22K	Ishlaltina Cre	92.38	15	P	P	19 44 45.7	-1.2
F20K	Avaraart Lake	92.39	13	Iamb	Iamb	19 45 10.7	
F20K	Avaraart Lake	92.39	13	P	P	19 44 46.1	-0.7
RIDG	Independent Ri	92.40	18	P	P	19 44 45.5	-1.6
G21K	Allakaket	92.41	14	Iamb	Iamb	19 45 10.5	
G21K	Allakaket	92.41	14	IAMS_20	IAMS_20	20 24 31.0	
G21K	Allakaket	92.41	14	P	P	19 44 46.1	-0.8
P30M	Million Dollar	92.41	24	P	P	19 44 45.6	-1.5
COLA	College	92.44	17	IAMS_20	IAMS_20	20 25 09.0	
COLA	College	92.44	17	P	P	19 44 44.5	-2.6
COLA	College	92.44	17	eP	pmax	19 44 46.2	-0.9
COLA	College	92.44	17	MLR	MLR		
E19K	Redstone River	92.44	12	IAMS_20	IAMS_20	20 19 31.9	
E19K	Redstone River	92.44	12	P	P	19 44 46.9	-0.2
YUK6	Outpost Mounta	92.47	22	P	P	19 44 46.3	-1.3
YUK7	Phinny Hill Vi	92.50	41	IAMS_20	IAMS_20	20 24 31.7	
GO07	Milladeo Hill,	92.56	139	IAMS_20	IAMS_20	20 27 17.3	
U35K	Hyder	92.58	29	P	P	19 44 46.0	-2.0
SKAG	Skagway	92.59	25	Iamb	Iamb	19 45 26.2	
SKAG	Skagway	92.59	25	IAMS_20	IAMS_20	20 24 39.6	
SKAG	Skagway	92.59	25	P	P	19 44 51.7	+3.8
SKAG	Skagway	92.59	25	P	P	19 44 46.9	-1.0
MXC	Moxie City	92.61	40	IAMS_20	IAMS_20	20 24 57.6	
IL31	Hyder	92.62	17	Iamb	Iamb	19 45 10.2	
ILAR	Eielson Array	92.62	17	P	P	19 44 45.2	-2.8
ILAR	Eielson Array	92.62	17	P	P	19 44 46.4	-1.6
ILAR	Eielson Array	92.62	17	PKKPdf	PKKPdf	20 02 01.5	-0.2
ILAR	Eielson Array	92.62	17	LR	LR	20 24 31.0	
Q12A	Willow Creek R	92.62	49	Iamb	Iamb	19 45 49.1	
Q12A	Willow Creek R	92.62	49	IAMS_20	IAMS_20	20 24 56.2	
YUK4	Talbot Arm	92.64	22	P	P	19 44 48.2	-0.3
LTY	Liberty	92.73	40	IAMS_20	IAMS_20	20 19 26.6	
POKR	Poker Plat Res	92.74	17	IAMS_20	IAMS_20	20 25 38.1	
POKR	Poker Plat Res	92.74	17	P	P	19 44 46.3	-2.2
TUC	Tucson	92.76	56	P	P	19 44 49.8	+0.3
TUC	Tucson	92.76	56	P	pmax	19 44 49.8	+0.3
TUC	Tucson	92.76	56	MLR	MLR		
H23K	Yukon River	92.77	15	IAMS_20	IAMS_20	20 25 29.3	
H23K	Yukon River	92.77	15	P	P	19 44 46.8	-1.9
C18K	Utukok River	92.80	10	IAMS_20	IAMS_20	20 21 35.0	
C18K	Utukok River	92.80	10	P	P	19 44 47.9	-0.9
G08A	Pilot Rock	92.80	42	IAMS_20	IAMS_20	20 21 11.7	
L27K	Beaver Creek	92.81	20	Iamb	Iamb	19 45 12.8	
L27K	Beaver Creek	92.81	20	P	P	19 44 47.4	-1.5
BCAR	Beaver Creek A	92.83	20	P	P	19 44 47.3	-1.7
BCAR	Beaver Creek A	92.83	20	P	P	19 44 47.9	-1.2
MALK	Mahakanadarawa	92.83	278	P	P	19 44 48.5	-1.7
E07A	Sunnyside	92.87	40	IAMS_20	IAMS_20	20 18 55.4	
GTK	Tadong	92.89	298	eP	P	19 44 50.7	+0.4
GTK	Tadong	92.89	298	IAML	IAML	19 45 05.0	
LCMT	Little Creek M	92.89	51	IAMS_20	IAMS_20	20 23 28.9	
J25K	Salcha River	92.91	18	Iamb	Iamb	19 45 13.0	
J25K	Salcha River	92.91	18	IAMS_20	IAMS_20	20 24 00.7	
J25K	Salcha River	92.91	18	P	P	19 44 47.9	-1.5
SPR3	Spring Creek 3	92.97	49	IAMS_20	IAMS_20	20 24 48.0	
HAWA	Hanford	92.98	41	IAMS_20	IAMS_20	20 18 49.4	
F21K	Alatna River	93.00	13	IAMS_20	IAMS_20	20 25 29.8	
F21K	Alatna River	93.00	13	P	P	19 44 48.8	-0.9
CCUT	Cedar City	93.03	51	IAMS_20	IAMS_20	20 21 31.7	
PSUT	Pine Spring	93.11	50	IAMS_20	IAMS_20	20 25 03.5	
ZAK	Zakamensk	93.11	324	eP	P	19 44 50.3	-0.4
ZAK	Zakamensk	93.11	324	pmax	pmax		
ELK	Elko	93.12	47	IAMS_20	IAMS_20	20 25 17.6	

ELK	Elko	93.12	47	LR	LR	20 18 31.8	
T35M	Bob Quinn	93.12	28	IAMS_20	IAMS_20	20 17 57.0	
T35M	Bob Quinn	93.12	28	P	P	19 44 50.6	+0.1
X16A	Lo Mia Camp, P	93.13	54	IAMS_20	IAMS_20	20 24 45.4	
O30N	Mendenhall	93.17	23	IAMS_20	IAMS_20	20 20 10.9	
O30N	Mendenhall	93.17	23	P	P	19 44 49.1	-1.6
D19K	Kuna River	93.19	11	IAMS_20	IAMS_20	20 21 11.4	
D19K	Kuna River	93.19	11	P	P	19 44 49.8	-0.7
G22K	Bettes	93.19	14	P	P	19 44 49.6	-0.9
H24K	Noodor Dome	93.19	16	P	P	19 44 48.3	-2.4
KNB	Kanab	93.20	51	Iamb	Iamb	19 46 04.2	
KNB	Kanab	93.20	51	IAMS_20	IAMS_20	20 21 07.0	
SZCU	Shurtz Canyon	93.25	51	IAMS_20	IAMS_20	20 21 32.4	
N30M	Aishikik Lake	93.27	22	IAMS_20	IAMS_20	20 23 40.5	
N30M	Aishikik Lake	93.27	22	P	P	19 44 50.4	-0.8
P32M	Atlin	93.30	25	IAMS_20	IAMS_20	20 24 44.5	
P32M	Atlin	93.30	25	P	P	19 44 51.1	-0.2
S34M	Telegraph Cree	93.31	27	Iamb	Iamb	19 45 16.2	
S34M	Telegraph Cree	93.31	27	IAMS_20	IAMS_20	20 18 21.4	
S34M	Telegraph Cree	93.31	27	P	P	19 44 51.4	+0.2
E08A	Did Farm, El	93.31	41	IAMS_20	IAMS_20	20 19 18.3	
U15A	North Rim	93.33	52	IAMS_20	IAMS_20	20 20 41.8	
E20K	Nig River	93.34	12	P	P	19 44 51.2	-0.1
J26K	Joseph Creek	93.34	18	Iamb	Iamb	19 45 15.0	
J26L	Joseph Creek	93.34	18	P	P	19 44 50.6	-0.8
B18K	Kolikik River	93.35	10	P	P	19 44 51.3	+0.1
G23K	Bananza Creek	93.36	15	Iamb	Iamb	19 45 16.1	
G23K	Bananza Creek	93.36	15	P	P	19 44 50.7	-0.7
K27K	Chickadee	93.44	19	P	P	19 44 51.0	-0.8
M29M	Somme Creek	93.47	21	IAMS_20	IAMS_20	20 21 52.6	
M29M	Somme Creek	93.47	21	P	P	19 44 51.0	-1.0
C19K	Lookout Ridge	93.47	10	IAMS_20	IAMS_20	20 21 28.9	
C19K	Lookout Ridge	93.47	10	P	P	19 44 52.0	+0.2
Q32M	Nakina River	93.48	26	Iamb	Iamb	19 45 51.2	
Q32M	Nakina River	93.48	26	IAMS_20	IAMS_20	20 18 37.3	
Q32M	Nakina River	93.48	26	P	P	19 44 51.5	-0.8
F22K	John River	93.53	14	P	P	19 44 51.7	-0.4
WHY	Whitehorse	93.54	24	IAMS_20	IAMS_20	20 22 50.8	
WHY	Whitehorse	93.54	24	P	P	19 44 51.6	-0.9
IRK	Irkutsk	93.55	326	eP	pmax	19 44 50.4	-2.2
PRP	Porcupine Dome	93.56	17	IAMS_20	IAMS_20	20 25 06.8	
PRP	Porcupine Dome	93.56	17	P	P	19 44 50.8	-1.7
LL02	Futaleuf	93.62	140	P	Iamb	19 44 54.0	+0.7
LL02	Futaleuf	93.62	140	Iamb	Iamb	19 44 59.4	
BMAZ	Blue Mountains	93.63	43	IAMS_20	IAMS_20	20 20 17.7	
WU12	Wupatki	93.63	53	IAMS_20	IAMS_20	20 19 14.7	
D20K	Elk River	93.65	12	P	P	19 44 52.5	-0.1
D08A	Wollman Farm	93.67	40	IAMS_20	IAMS_20	20 19 18.6	
COLD	Clifford	93.74	14	P	P	19 44 52.8	-0.3
PKCU	Pink Cliffs	93.75	51	Iamb	Iamb	19 45 20.5	
PKCU	Pink Cliffs	93.75	51	IAMS_20	IAMS_20	20 21 16.6	
N31M	Braeburn, Yuko	93.76	23	Iamb	Iamb	19 45 30.9	
N31M	Braeburn, Yuko	93.76	23	IAMS_20	IAMS_20	20 26 25.4	
N31M	Braeburn, Yuko	93.76	23	P	P	19 44 51.8	-1.5
BOK	Bokaro	93.80	294	eP	Iamb	19 44 54.4	0.0
BOK	Bokaro	93.80	294	Iamb	Iamb	19 45 17.5	
E09A	Wood Farm, Sta	93.88	41	IAMS_20	IAMS_20	20 19 36.3	
H03S2	Juan Fernandez	93.89	129	T	T	21 27 28.7	
H03S1	Juan Fernandez	93.90	129	T	T	21 27 32.4	
H03S3	Juan Fernandez	93.90	129	T	T	21 27 30.2	
MFID	Carls Ranch	93.92	45	IAMS_20	IAMS_20	20 18 49.6	
E21K	Killik River	93.93	13	IAMS_20	IAMS_20	20 23 29.9	
E21K	Killik River	93.93	13	P	P	19 44 53.1	-0.9
G24K	Hadweencic Riv	93.97	16	Iamb	Iamb	19 45 17.9	
G24K	Hadweencic Riv	93.97	16	IAMS_20	IAMS_20	20 25 56.5	
G24K	Hadweencic Riv	93.97	16	P	P	19 44 52.7	-1.4
L29M	L29M	94.04	21	P	P	19 44 53.0	-1.6
P33M	Teslin, Yukon	94.05	25	IAMS_20	IAMS_20	20 25 26.2	
P33M	Teslin, Yukon	94.05	25	P	P	19 44 53.5	-1.2
B08A	Colville Reser	94.05	39	IAMS_20	IAMS_20	20 20 08.6	
H25L	Birch Creek	94.06	16	P	P	19 44 51.9	-2.6
I26K	Coal Creek Min	94.06	18	IAMS_20	IAMS_20	20 24 55.8	
I26K	Coal Creek Min	94.06	18	P	P	19 44 53.8	-0.8
H03N3	Juan Fernandez	94.08	128	T	T	21 27 44.9	
H03N2	Juan Fernandez	94.08	128	T	T	21 27 45.2	
MTPU	Mount Pierson	94.09	51	IAMS_20	IAMS_20	20 21 42.6	
DLBC	Dease Lake	94.09	27	LR	LR	20 19 09.0	
DLBC	Dease Lake	94.09	27	P	P	19 44 55.0	0.0
H03N1	Juan Fernandez	94.09	128	T	T	21 27 46.7	
E22K	Anaktuvuk Pass	94.12	13	IAMS_20	IAMS_20	20 23 28.1	
E22K	Anaktuvuk Pass	94.12	13	P	P	19 44 54.5	-0.4
M30M	Minto, Yukon	94.13	22	Iamb	Iamb	19 45 19.1	
M30M	Minto, Yukon	94.13	22	IAMS_20	IAMS_20	20 22 03.1	

M30M	Minto, Yukon	94.13	22	P	P	19 44 53.5	-1.6
F10A	Beach Ranch, E	94.19	42	Iamb	Iamb	19 45 38.3	
F10A	Beach Ranch,						

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like B22K Teshekpuk Lake, JLJ Jordale, C23K Itkillik River, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like YNR Norris Junction, S22A 4UR Ranch, S22A 4UR Ranch, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like UZB Uzynbulak, SUSD Miller, KSU1 Kansas State, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like DPC, DPC, comp=2.4um,27.1s, PGB Panaguriarite, VYHS Vyhne, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CKRC Cesky Krumlov, KHC Kasperke Hory, KHC Kasperke Hory, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like STAL STALIGAL, STRD Stroud, MONM Monmouth, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Barranco-do-Ve, Vila Bisbo, PVFI, etc.

IDC 10 19:42:20.1=1.3,22:09Sx170:07E,h0km,mb4.2/6, mbmp4.2/7,ML4.1/1, Error ellipse: s-maj=36.7km s-min=29.0km az=16.0

NOU 10 19:42:23.8,22:04S:169:77E,h0km,MLV5.0/8, Southeast of Loyalty Islands

NEIC 10 19:42:24.2,22:22:1S:0:1:169:78E:0:07,h10km,2km, mb4.6/13, Error ellipse: s-maj=18.2km s-min=10.5km az=343.0

ISC 10 19:42:25.1=0.6,22:12S:0:08:169:84E:0:07,h25km,n45, =1543/47,mb4.5/11,1.5S, Southeast of Loyalty Islands

Main table of station data for the first section, including stations like MARE, PINNC, YATNC, etc.

NOU 10 19:47:43.0,37:45S:176:67E,h259km,MLV4.1/12, North Island, New Zealand

WEL 10 19:47:48.2=0.9,37:37S:177:7E,h205km,7km,M3.0/30, MLV3.0/30, Error ellipse: s-maj=0.0km s-min=0.0km az=39.1

ISC 10 19:47:42.5=2.1,37:47S:0:08:176:57E:0:07, h249km,12km,n114,=1896/121,North Island

Main table of station data for the second section, including stations like MARZ, TOZ, URZ, etc.

Main table of station data for the third section, including stations like MBAZ, RATZ, RIGZ, etc.

JMA 10 19:49:44.6=0.2,25:10N:10:123'SE:0.3,h31km,MV1.6/8, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Table of station data for the JMA section, including stations like YOJ, IRIF, etc.

TAP 10 19:49:52.1,24:245N:121:88E,h19km,1km,ML1.7/1,B, Taiwan

Main table of station data for the TAP section, including stations like EWUT, ENA, ESAO, etc.

TIPB eS Sb 19 50 10.0 +0.2

baz=354 IDC 10 19:58:44.9=1.8,42:78N:141:99E,h26km,11km,mb4.1/30, mbmp4.2/35,ML3.3/4, Error ellipse: s-maj=12.7km s-min=10.5km az=114.0

NEIC 10 19:58:45.7=1.6,42:68N:0:05:141:98E:0:10,h35km,2km, mb4.6/131, Error ellipse: s-maj=12.7km s-min=7.9km az=112.0

MOS 10 19:58:45.5=1.3,42:69N:141:96E,h46km,mb4.6/16, Error ellipse: s-maj=7.8km s-min=6.2km az=90.8

SKHL 10 19:58:46.0=0.2,42:70N:141:90E,h55km,6km,mb5.1/3 JMA 10 19:58:46.0=0.2,42:70N:0:6:142:0E:0:6,h31km,1km, MD4.5/20,MV4.4/20,ISHIKARI DEPRESSION

JMA Feli IV J1 at ISHIKARI DEPRESSION

ISC 10 19:58:46.6=0.3,42:69N:0:03:141:97E:0:03,h40km,2km, n486,=114/431,mb4.5/113,12C-17D,Hokkaido region

Main table of station data for the TIPB section, including stations like JIAM, JBT2, etc.

10d 20h

SCM	Sheep Creek Mo	44.74	40	P	P	20 06 55.3	-0.4
F25K	Christian River	44.81	31	P	P	20 06 55.6	-0.6
H25L	Birch Creek	44.86	33	P	P	20 06 55.8	-0.6
P23K	Montague Isian	45.01	42	P	P	20 06 56.9	-0.9
PRP	Porcupine Dome	45.05	34	P	IAMB	20 06 57.9	-0.4
PRP	Porcupine Dome	45.05	34	P	P	20 06 57.9	-0.4
K24K	Donnelly Dome	45.16	37	P	P	20 06 57.9	-1.1
J25K	Salcha River	45.23	35	P	P	20 06 59.2	-0.4
M24K	Tolsona, Glenn	45.24	39	P	P	20 06 59.2	-0.5
C27K	Jago River	45.37	28	P	P	20 07 00.3	-0.3
F26K	Sheenjek River	45.37	31	IAMB	IAMB	20 07 00.7	0.0
F26K	Sheenjek River	45.37	31	P	P	20 07 01.2	0.0
PAX	Paxson	45.42	38	P	P	20 07 01.2	0.0
KLU	Klutina	45.46	40	IAMB	IAMB	20 07 01.2	-0.2
KLU	Klutina	45.46	40	P	P	20 07 01.2	-0.2
RIDG	Independent Ri	45.58	37	IAMB	IAMB	20 07 01.4	-0.1
RIDG	Independent Ri	45.58	37	P	P	20 07 01.4	-0.1
G26K	Porcupine Rive	45.59	32	P	P	20 07 02.3	0.0
Q23K	Middleton Isla	45.65	43	P	P	20 07 02.6	-0.2
HARP	HAARP	45.66	38	P	P	20 07 02.4	-0.6
HYAK	Cordova Ski Ar	45.72	41	P	P	20 07 03.1	-0.3
SCRK	Sand Creek	45.92	36	IAMB	IAMB	20 07 04.3	-0.9
SCRK	Sand Creek	45.92	36	P	P	20 07 04.3	-0.9
N25K	Chitina, Valde	46.06	40	P	P	20 07 06.0	-0.3
BMRI	Bremner River	46.19	40	P	P	20 07 06.7	-0.5
FAKI	Fak Fak	46.24	194	P	P	20 07 07.1	-0.9
L26K	Log Cabin Wild	46.37	37	IAMB	IAMB	20 07 09.1	+0.5
L26K	Log Cabin Wild	46.37	37	P	P	20 07 09.1	+0.5
G27K	Doyon Strip	46.44	32	P	P	20 07 09.7	+0.6
TARG	Taragay, Kyrg	46.49	292	IAMB	IAMB	20 07 11.9	
KAIM	Kayak Island	46.50	42	P	P	20 07 09.2	-0.3
H27K	Steamboat Moun	46.58	33	P	P	20 07 10.5	+0.3
M26K	Nabesna, AK	46.65	38	P	P	20 07 10.8	0.0
I27K	Kandik River	46.65	34	P	P	20 07 10.9	+0.1
VRDI	Verde Repeater	46.68	40	IAMB	IAMB	20 07 22.7	
K27K	Chicken	46.74	36	IAMB	IAMB	20 07 28.2	
K27K	Chicken	46.74	36	P	P	20 07 11.4	0.0
MCARA	McCarthy VSAT	46.85	40	P	P	20 07 11.7	-0.6
CRQE	Cirque	46.96	40	P	P	20 07 13.1	-0.2
E28M	Babbage River	46.97	29	P	P	20 07 12.9	-0.2
EGAK	Eagle	46.99	35	IAMB	IAMB	20 07 22.9	
EGAK	Eagle	46.99	35	P	P	20 07 12.8	-0.5
F28M	Old Crow	47.00	31	P	P	20 07 13.2	-0.3
L27K	Beaver Creek	47.04	37	IAMB	IAMB	20 07 24.2	
L27K	Beaver Creek	47.04	37	P	P	20 07 13.9	+0.1
BCAR	Beaver Creek A	47.06	37	P	P	20 07 14.1	+0.1
M27K	Edge Creek, AK	47.17	38	IAMB	IAMB	20 07 16.6	
M27K	Edge Creek, AK	47.17	38	P	P	20 07 15.2	+0.2
BVAR	Borovoye Array	47.23	309	P	P	20 07 15.3	-0.1
BVAR	Borovoye Array	47.23	309	PcP	PcP	20 08 45.3	-0.8
BRVK	Borovoye	47.28	309	P	P	20 07 18.5	+2.7
BRVK	Borovoye	47.28	309	Pmax	Pmax		
ISLE	Juniper Island	47.35	41	P	P	20 07 16.3	-0.1
I28M	Miner Creek	47.37	34	IAMB	IAMB	20 07 27.0	
I28M	Miner Creek	47.37	34	P	P	20 07 16.7	+0.3
TKM2	Tokmak 2	47.51	294	P	P	20 07 17.2	-0.8
GRNC	Granite Creek	47.60	40	P	P	20 07 18.6	+0.2
GRNC	Granite Creek	47.60	40	IAMB	IAMB	20 07 30.7	
E29M	Blow River	47.60	30	P	P	20 07 18.5	+0.5
MESA	MESA	47.64	41	P	P	20 07 18.5	-0.2
CTG	Chitna Glacier	47.74	40	P	P	20 07 19.8	+0.4
CTGM	Chitina Glacie	47.74	40	IAMB	IAMB	20 07 36.7	
G29M	Pine Creek	47.84	32	P	P	20 07 20.0	+0.1
H29M	Whitestone	47.84	33	P	P	20 07 19.8	-0.2
YUK3	Moose Creek	47.95	39	P	P	20 07 21.1	-0.1
I29M	Ogilvie Camp,	48.05	34	P	P	20 07 21.8	+0.2
O28M	Mount Upton	48.33	40	P	P	20 07 23.1	-1.0
AAK	Ala-Archa	48.37	294	P	P	20 07 25.2	+0.6
AAK	Ala-Archa	48.37	294	Pmax	Pmax		
AAK	Ala-Archa	48.37	294	P	P	20 07 24.3	-0.3
EPYK	Eagle Plains	48.46	32	P	P	20 07 25.1	+0.3
PINM	Pinnacle	48.48	41	P	P	20 07 24.8	-0.3
G30M	IAoh Zraii Njii	48.52	31	P	P	20 07 24.8	-0.4
F30M	Barrier River	48.54	30	P	P	20 07 25.3	0.0
L29M	L29M	48.67	37	P	P	20 07 27.3	+0.9
KSH	Kashi	48.69	290	P	P	20 07 30.6	+3.6
M29M	Somme Creek	48.69	38	P	P	20 07 27.0	+0.3
K29M	Borlow Dome	48.74	36	P	P	20 07 24.9	-2.2
K29M	Borlow Dome	48.74	36	IAMB	IAMB	20 07 37.3	
K29M	Barlow Dome	48.74	36	P	P	20 07 27.2	+0.2
I30M	Mount Dempster	48.88	34	P	P	20 07 28.4	+0.3
J30M	Hart River	49.06	34	P	IAMB	20 07 30.2	+0.7
J30M	Hart River	49.06	34	P	P	20 07 45.7	
J30M	Hart River	49.06	34	P	P	20 07 28.6	-0.9
YUK6	Outpost Mounta	49.15	39	P	P	20 07 28.4	-2.0
INK	Inuvik	49.21	29	P	P	20 07 28.8	-1.6
O29M	Mount Kennedy	49.23	40	P	P	20 07 29.7	-1.2

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G31M	Satah River	49.28	31	P	P	20 07 29.7	-1.2
M30M	Milto, Yukon	49.40	37	P	P	20 07 32.5	+0.5
H31M	Peel River	49.54	33	P	P	20 07 33.6	+0.6
N30M	Aishihik Lake	49.59	39	P	P	20 07 32.9	-0.6
P29M	Windy Craggy	49.84	41	P	P	20 07 36.3	+0.9
P29M	Windy Craggy	49.84	41	P	P	20 07 36.2	+0.9
ARSB	Arsianlob	49.95	293	IAMB	IAMB	20 07 37.9	
P30M	Million Dollar	50.05	40	P	P	20 07 37.6	+0.6
N31M	Braeburn, Yuko	50.18	38	P	P	20 07 37.7	-0.3
O30N	Wendhall	50.26	39	P	P	20 07 38.4	-0.2
PLBC	Pleasant Camp	50.55	41	P	P	20 07 40.3	-0.4
KK31	Karatay Array	50.83	296	IAMB	IAMB	20 07 43.5	
KKAR	Karatay Array	50.83	296	P	P	20 07 42.0	-1.1
KKAR	Karatay Array	50.83	296	IAMB	IAMB	20 07 43.5	
KKAR	Karatay Array	50.83	296	P	P	20 07 42.0	-1.1
P32M	Atlin	51.78	40	P	P	20 07 50.1	+0.1
P33M	Teslin, Yukon	51.98	39	P	P	20 07 51.1	-0.4
KULM	Kulim	52.17	236	P	P	20 07 54.4	+1.0
GAR	Garm	52.83	292	IAMB	IAMB	20 07 59.7	
SIMJ	Simiganj	53.89	292	P	P	20 08 04.9	-1.1
ABKAR	Abkuliak array	54.74	307	P	P	20 08 11.1	-0.7
ABKAR	Abkuliak array	54.74	307	IAMB	IAMB	20 08 12.7	
AKTO	Aktuyubinsk	55.32	309	P	P	20 08 15.4	-0.7
KDU	Kakadu	55.78	191	P	P	20 08 19.8	+0.2
KDU	Kakadu	55.78	191	P	P	20 08 19.6	0.0
MTN	Manitow Dam	56.14	193	P	P	20 08 22.3	+0.1
COEN	Coen	56.37	179	P	P	20 08 24.6	+0.8
COEN	Coen	56.37	179	P	P	20 08 24.6	+0.8
GSI	Gumungtsitoli	57.18	236	P	P	20 08 31.2	+1.5
YKA	Yellowknife Ar	57.52	32	P	P	20 08 39.9	-0.2
YKA	Yellowknife Ar	57.52	32	Pmax	Pmax	20 08 44.9	+4.9
ARCES	ARCESS Array B	58.88	338	P	P	20 08 38.8	-2.1
KNRA	Kununurra	59.33	195	P	P	20 08 44.7	+0.2
KNRA	Kununurra	59.33	195	P	P	20 08 44.8	+0.3
WBO	Warramunga Arr	62.53	188	P	P	20 09 05.6	-0.7
WB2	Warramunga Arr	62.71	188	P	P	20 09 06.7	-0.7
WRA	Warramunga Arr	62.71	188	P	P	20 09 06.2	-1.2
WRA	Warramunga Arr	62.71	188	P	P	20 09 07.0	-0.5
WRA	Warramunga Arr	62.71	188	P	P	20 09 07.0	-0.5
WRA	Warramunga Arr	62.71	188	Pmax	Pmax		
QIS	Mount Isa	62.96	182	P	P	20 09 08.2	0.0
QIS	Mount Isa	62.96	182	P	P	20 09 08.7	-0.4
OBN	Obninsk	63.87	322	eP	eP	20 09 16.6	+1.8
OBN	Obninsk	63.87	322	eP	eP	20 09 16.6	+1.8
OBN	Obninsk	63.87	322	Pmax	Pmax	20 09 49.3	
FINES	FINES Array B	64.04	331	P	P	20 09 15.1	-0.7
FINES	FINES Array B	64.04	331	Pmax	Pmax	20 09 15.3	-0.5
NEW	Newport	65.84	46	P	P	20 09 27.4	-0.4
E09A	Wood Farm, Sta	66.35	48	P	P	20 09 29.6	-1.4
PINE	Pine Mountain	66.42	52	P	P	20 09 32.0	+0.2
ASAR	Alice Springs	66.44	188	P	P	20 09 30.4	-1.4
ASAR	Alice Springs	66.44	188	P	P	20 09 31.5	-0.3
ASAR	Alice Springs	66.44	188	PcP	PcP	20 09 01.4	+0.3
YBH	Yre Blor	66.62	54	P	P	20 09 33.5	+0.5
KIV	Kislovodsk	67.59	310	P	P	20 09 38.4	-0.7
KIV	Kislovodsk	67.59	310	eP	eP	20 09 39.6	+0.5
KBZ	Khabaz	67.61	309	P	P	20 09 39.3	+0.3
SHA1	Shidzhatmaz	67.74	309	eP	eP	20 09 40.3	+1.3
BMO	Blue Mountains	67.84	49	P	P	20 09 39.8	-0.8
BMO	Blue Mountains	67.84	49	IAMB	IAMB	20 10 00.9	
BMO	Blue Mountains	67.84	49	Pmax	Pmax	20 09 39.8	-0.8
WRKA	Warakurna	68.56	193	P	P	20 09 45.3	+0.2
HFS	Hafors	69.13	335	P	P	20 09 47.7	-0.6
NB2	NORSAR Subarra	69.16	337	P	P	20 09 47.7	-0.8
NOLA	NORSAR Array B	69.16	337	P	P	20 09 48.0	-0.5
INKA	Innaminka	70.08	181	P	P	20 09 54.7	+0.3
AKASG	Malin Array Be	70.12	321	P	P	20 09 53.6	-1.0
AKASG	Malin Array Be	70.12	321	Pmax	Pmax	20 09 54.0	-0.6
AKOB	Malin Array Si	70.12	321	eP	eP	20 09 55.1	+0.5
AKDD	Odadnadata	70.37	186	P	P	20 09 54.9	-1.3
NVAR	Minna Array Bea	71.32	55	P	P	20 10 02.5	+0.1
ELK	Elko	71.63	51	P	P	20 10 04.1	-0.1
MEEK	Meekatharra	72.26	202	P	P	20 10 07.7	0.0
LCKR	Leigh Creek	72.85	183	P	P	20 10 12.1	+1.0
MULG	Mulgathing	72.97	187	P	P	20 10 10.9	-0.9
TPNV	Topopah Spring	73.52	55	P	P	20 10 15.1	-0.3
TPNV	Topopah Spring	73.52	55	Pmax	Pmax	20 10 15.1	-0.3
GWY	Greenwater Val	73.76	56	IAMB	IAMB	20 10 22.3	
CRN	Palfox Range	73.93	54	IAMB	IAMB	20 10 35.7	
PM5A	Cobar Meteorol	73.94	177	P	P	20 10 17.8	+0.4
BUR08	Bucovina Ar, S	74.15	321	P	P	20 10 18.6	-0.3
BUR08	Bucovina Ar, S	74.15	321	IAMB	IAMB	20 10 19.8	
BURAR	Bucovina Array	74.17	321	P	P	20 10 18.3	-0.7
BURAR	Bucovina Array	74.17	321	IAMB	IAMB	20 10 20.1	
STKA	Stephens Creek	74.20	180	P	P	20 10 19.7	+0.8
KOLS	Kolonicko sedl	74.52	324	eP	eP	20 10 23.2	+2.3
OJC</							

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like FNVD, MPPT, POPM, ZCCA, BDI, PII, etc.

CATAC 10:20:19.26.4.0.7, 12.75N:88.85W, h24km, 6km, ML3.5
SNET 10:20:19.27.3.0.7, 12.80N:88.84W, h31km, 3km, ML3.3
ISC 10:20:19.26.4.1.7, 12.75N:0.07:88.86W:0.04, h26km, 13km, n50, c0935/67, Off coast of central America

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations across various regions.

Table with columns: PKGN, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ESQI, CNGA, CNGN, COPN, SOMN.

MOS 10:20:22.27.1.0.8:10S:116.45E, h13km, mb5.0/38, Error ellipse: s-maj=10.6km s-min=5.7km az=112.0
NEIC 10:20:22.24.3.8:116.0:0.07:116.51E:0.06, h10km, 1km, mb5.2/70, Mw6.0/12, Error ellipse: s-maj=11.8km s-min=10.0km az=185.0
NEIC 10:20:22.24.3.8:29S:116.61E, h14km, Moment Tensor Solution. Duration: 199 Moment tensor: Scale 10^10Nm; Mr:1.64; Ms:2.32; Mw:0.68; Mw-3.71; Mw:0.37; Mw:0.00; Fault plane solution: Mw:4.22000x10^16 NP1: phi:269.97000; delta:75.99000; lambda:85.04000; NP2: phi:109.68000; delta:14.85000; lambda:109.10000. Principal axes: T:3.8735, P:659.0000, Azm:173.0000; N:0.6857, P:65.0000, Azm:271.0000; P:-4.5592, P:63.0000, Azm:4.0000
NEIC 10:20:22.26.0.0.1:8.2S:2.11E, h10km, M5.4/60, mb5.8/14, mb5.2/60, MLv5.2/5, Mw(mB)5.3/14
IDC 10:20:22.27.6.3.6:8.13S:116.48E, h33km, 26km, mb4.5/26, mbmp4.7/27, ML4.3/1, MS4.3/6, Error ellipse: s-maj=15.1km s-min=9.2km az=56.0
ISC 10:20:22.24.7.0.2:8.24S:0.04:116.47E:0.04, h10km, n409, c182/387, mb5.0/121, MS4.7/9, 14C-8D, Sumbawa region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations across various regions.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations across various regions.

10d 20h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like WHYH, CM31, CMAR, etc.

2018 SEP

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like HHC, GTA, DZM, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like H04N2, H04N1, H04N3, etc.

10d 20h

Table with columns: Station, Comp, Az, El, AzEl, P, Pmax, AzEl, P, Pmax, AzEl, P, Pmax. Includes stations like MAJO Matushiro, MAJO Matsu-Tunnel, MJ99 Matsu-Tunnel, GRJ1 Gresik, etc.

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Table with columns: Station, Comp, Az, El, AzEl, Pmax, AzEl, Pmax, AzEl, Pmax, AzEl, Pmax. Includes stations like TYV comp=Z,48nm,1.1s, KMRM Mail Ridge, SII Siliwangi, etc.

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Table with columns: Station, Comp, Az, El, AzEl, P, Pmax, AzEl, P, Pmax, AzEl, P, Pmax, AzEl, P, Pmax. Includes stations like HOM Homer, SNY Shenyang, CN2 Changchun, etc.

ELK	Elko	82.41	43	pP	20 38 04.8	-1.5
L20K	Farewell, AK	82.42	11	P	20 36 02.4	-0.1
J17K	VABM Dome	82.44	8	P	20 36 03.5	+0.9
FID	Port Fidalgo	82.45	15	Iamb	20 36 03.5	
EYAK	comp-Z, 68nm, 1.2s	82.46	15	P	20 36 03.2	+0.5
EYAK	Cordova Ski Ar	82.46	15	P	20 36 02.7	0.0
M22K	Willow	82.50	13	P	20 36 02.6	-0.3
PMR	baz=207, SNR=9.5	82.50	13	Iamb	20 36 04.2	
PMR	Palmer	82.57	13	P	20 36 03.3	+0.1
PMR	Palmer	82.57	13	P	20 36 03.1	-0.1
RAGM	comp-Z, 81nm, 1.2s	82.59	16	Iamb	20 36 04.8	
G08A	Pilot Rock	82.60	38	Iamb	20 36 06.2	
HMT	Hamilton	82.66	16	Iamb	20 36 05.1	
I17K	Unalakleet	82.70	8	P	20 36 04.8	+1.0
PKCU	Pink Cliffs	82.72	47	Iamb	20 36 08.5	
BGLC	Bering Glacier	82.74	17	P	20 36 05.4	+1.3
SIT	Sitka	82.78	22	P	20 36 06.4	+2.0
SIT	Sitka	82.78	22	P	20 36 05.0	+0.6
DUN6	Lazy B Ranch	82.79	53	Iamb	20 36 08.6	
E07A	Sunnyside	82.82	36	Iamb	20 36 07.2	
ANM	Nome	82.85	5	P	20 36 05.4	+0.7
J18K	Innoko River	82.86	9	Iamb	20 36 06.3	
J18K	Innoko River	82.86	9	P	20 36 05.2	+0.5
IPM	Ipop	82.86	277	P	20 36 06.7	+0.8
IPM	Ipop	82.86	277	P	20 36 06.2	+0.3
U33K	Whale Pass	82.88	23	Iamb	20 36 07.2	
U33K	Whale Pass	82.88	23	P	20 36 06.0	+1.1
SISI	Saibi	82.89	271	P	20 36 07.0	+1.0
V35K	Ketchikan	82.89	25	P	20 36 06.0	+1.0
HAWA	Hamford	82.91	36	Iamb	20 36 07.6	
SML	Sawmill	82.94	14	P	20 36 04.9	-0.3
CUT	Chullina	83.05	13	P	20 36 05.6	0.0
M23K	Glacier View	83.06	14	P	20 36 05.5	-0.2
BMRM	Bremner River	83.11	16	P	20 36 06.0	-0.1
PPLA	Purkeypile	83.12	12	P	20 36 04.5	-1.6
MESA	MESA	83.16	17	P	20 36 07.1	+0.6
S31K	Pelican	83.16	21	Iamb	20 36 08.3	
S31K	Pelican	83.16	21	P	20 36 07.2	+1.0
SCM	Sheep Creek Mo	83.19	14	P	20 36 06.6	+0.2
K20K	Telida	83.19	11	Iamb	20 36 07.7	
K20K	Telida	83.19	11	P	20 36 06.6	+0.2
HEH	HeiHe	83.20	328	eP	20 36 07.0	+0.3
HEH				pmax		
E08A	Dider Farm, El	83.23	37	Iamb	20 36 09.1	
KLU	Klutina	83.23	15	Iamb	20 36 07.9	
KLU	Klutina	83.23	15	P	20 36 06.7	0.0
H16K	Elim	83.25	7	P	20 36 07.0	+0.5
MVU	Marysvalle	83.31	46	Iamb	20 36 10.8	
CRQM	Cirque	83.31	16	Iamb	20 36 08.6	
CRQE	Cirque	83.32	16	P	20 36 07.6	+0.3
S32K	Killisno	83.36	22	P	20 36 08.1	+0.9
S32K	Tana Glacier	83.40	17	Iamb	20 36 09.0	
G15K	Niukluk	83.40	6	P	20 36 07.8	+0.5
ISLE	Juniper Island	83.40	17	Iamb	20 36 08.9	
MFID	Camas Ranch	83.45	40	Iamb	20 36 10.6	
KULM	Kulim	83.47	278	P	20 36 08.6	-0.3
KULM	Kulim	83.47	278	P	20 36 09.7	+0.8
KULM	Kulim	83.47	278	P	20 36 09.7	+0.8
J19K	Pinnacle	83.53	10	P	20 36 08.6	+0.6
PINM	Pinnacle	83.58	18	P	20 36 08.7	+0.3
VRDI	Verde Repeater	83.63	16	Iamb	20 36 11.1	
D08A	Wollman Farm	83.63	36	Iamb	20 36 11.1	
TNA	Tin City	83.63	4	P	20 36 09.1	+0.6
N25K	Chitina, Valde	83.66	15	P	20 36 09.1	+0.3
F14K	Arctic Creek	83.67	5	P	20 36 09.3	+0.6
GRNC	Granite Creek	83.67	17	Iamb	20 36 10.4	
M24K	Tolsona, Glenn	83.70	14	P	20 36 09.7	+0.7
GLB	Gilahina Butte	83.72	16	Iamb	20 36 10.2	
WAT6	Susitna Watana	83.75	14	P	20 36 09.3	0.0
E09A	Wood Farm, Sta	83.76	37	Iamb	20 36 11.5	
121A	Cookes Peak, D	83.77	53	P	20 36 12.1	+1.9
WAT1	Susitna Watana	83.80	13	P	20 36 09.2	-0.2
H17K	Granite Mounta	83.81	8	P	20 36 09.4	+0.1
MCARA	McCarthy VSAT	83.87	16	Iamb	20 36 11.2	
MCARA	McCarthy VSAT	83.87	16	P	20 36 10.1	+0.4
HNS	HongShan	83.89	312	UP	20 36 11.4	+1.0
HNS				pmax		
MAW	Mawson	83.94	200	P	20 36 10.7	+0.6
J20K	Nowinta River	83.94	10	Iamb	20 36 11.4	
J20K	Nowinta River	83.94	10	P	20 36 10.3	+0.3
KTH	Kantishna Hill	83.96	12	Iamb	20 36 10.3	
LOGN	Logan Glacier	83.96	17	Iamb	20 36 11.8	
G16K	Koyuk River	83.96	7	P	20 36 10.5	+0.4
P29M	Windy Craggy	83.97	19	Iamb	20 36 12.4	
P29M	Windy Craggy	83.97	19	P	20 36 11.3	+0.9
CTG	Chitina Glacier	83.98	17	P	20 36 10.9	+0.4
CTGM	Chitina Glacie	83.98	17	Iamb	20 36 11.9	
R32K	Eaglecrest	83.99	21	P	20 36 11.2	+0.9

F10A	Beach Ranch, E	83.99	38	Iamb	20 36 12.6	
CHUM	Lake Minchumir	83.99	11	P	20 36 09.7	-0.6
JIS	Whitehorse	84.04	21	P	20 36 11.7	+1.1
F15K	North Star Dit	84.04	5	P	20 36 10.7	+0.2
GCSA	Galena City Sc	84.04	9	P	20 36 10.8	+0.3
PBSI	Pulau Batu	84.05	272	P	20 36 12.9	+1.1
BJT	Baijiatauu	84.13	315	Iamb	20 36 13.7	
BJT	Baijiatauu	84.13	315	P	20 36 12.5	+1.0
BJI	Beijing	84.14	315	P	20 36 12.4	+0.9
O28J	Mount Upton	84.15	18	P	20 36 11.8	+0.3
B08A	Colville Reser	84.15	35	Iamb	20 36 12.9	
HARP	HAARP	84.20	15	P	20 36 11.7	+0.4
LYN	LuoYang	84.21	309	eP	20 36 13.4	+1.4
LYN				pmax		
H18K	Honza River	84.22	8	P	20 36 11.0	-0.4
O29M	Mount Kennedy	84.25	19	Iamb	20 36 13.6	
O29M	Mount Kennedy	84.25	19	P	20 36 12.5	+0.7
G17K	Kiwalik Mouna	84.26	7	P	20 36 11.7	+0.1
DHY	Denali Highway	84.27	13	Iamb	20 36 12.9	
DHY	Denali Highway	84.27	13	P	20 36 11.7	-0.2
PLBC	Pleasant Camp	84.27	20	P	20 36 12.7	+1.0
PSI	Prapat	84.32	275	P	20 36 13.2	0.0
PSI	Prapat	84.32	275	P	20 36 12.8	-0.4
C09A	Chrisman Ranch	84.41	36	Iamb	20 36 14.6	
BPAW	Bear Paw Mtn.	84.44	12	Iamb	20 36 13.5	
BPAW	Bear Paw Mtn.	84.44	12	P	20 36 11.2	-1.3
I20K	Naaghedeneel	84.46	10	Iamb	20 36 14.2	
I20K	Naaghedeneel	84.46	10	P	20 36 13.1	+0.6
MCK	McKinley	84.52	13	P	20 36 12.5	-0.4
P30M	Million Dollar	84.60	19	P	20 36 14.4	+1.0
T35M	Bob Quinn	84.61	24	P	20 36 14.7	+1.2
PAX	Paxson	84.61	14	P	20 36 13.0	-0.4
SKAG	Skagway	84.61	20	Iamb	20 36 16.0	
SKAG	Skagway	84.61	20	P	20 36 15.0	+1.6
SKAG	Skagway	84.61	20	P	20 36 14.9	+1.5
ENH	Enshi	84.67	304	P	20 36 15.3	+0.8
YU6K	Steele Glacier	84.69	17	P	20 36 14.8	+0.7
M26K	Nabesna, AK	84.73	16	Iamb	20 36 16.1	
M26K	Nabesna, AK	84.73	16	P	20 36 14.3	+0.3
YU6K	Outpost Mounta	84.82	18	P	20 36 15.3	+0.5
H19K	Roundabout Mou	84.84	9	Iamb	20 36 16.0	
H19K	Roundabout Mou	84.84	9	P	20 36 14.8	+0.4
G18K	Tagagawik	84.88	8	P	20 36 14.4	-0.2
YU3K	Moose Creek	84.89	17	P	20 36 15.4	+0.4
S34M	Telegraph Cree	84.94	23	Iamb	20 36 17.4	
S34M	Telegraph Cree	84.94	23	P	20 36 16.4	+1.4
M27K	Edge Creek, AK	84.99	16	P	20 36 16.2	+0.8
H20K	Anotellenga Mo	85.04	9	P	20 36 15.7	+0.2
YUKA	Talbot Ar	85.06	18	P	20 36 16.7	+0.9
F17K	Baldwin Pennin	85.10	7	P	20 36 15.7	+0.2
GSI	Gunungstoli	85.14	273	P	20 36 18.8	+1.7
GSI	Gunungstoli	85.14	273	P	20 36 18.4	+1.3
L26K	Log Cabin Wild	85.17	15	Iamb	20 36 17.6	
L26K	Log Cabin Wild	85.17	15	P	20 36 16.5	+0.4
P32M	Atlin	85.25	21	P	20 36 17.5	+0.9
NEA2	Nenana	85.25	12	P	20 36 15.4	-1.1
K24K	Donnelly Dome	85.26	14	P	20 36 16.9	+0.4
Q32M	Nakina River	85.29	22	Iamb	20 36 19.0	
Q32M	Nakina River	85.29	22	P	20 36 17.9	+0.9
MLY	Manley	85.33	11	P	20 36 17.2	
MLY	Manley	85.33	11	P	20 36 16.0	-0.8
G19K	Purcell Mouna	85.33	8	P	20 36 16.9	+0.2
O30N	Mendenhall	85.38	19	Iamb	20 36 19.0	
O30N	Mendenhall	85.38	19	P	20 36 17.9	+0.7
RIDG	Independent Ri	85.42	14	Iamb	20 36 18.5	
RIDG	Independent Ri	85.42	14	P	20 36 17.3	0.0
F18K	Selawik	85.43	7	P	20 36 16.8	-0.4
GYA	Guiyang	85.45	300	UP	20 36 19.3	+0.9
GYA				pmax		
ZEA	Zeya	85.46	331	eP	20 36 18.3	+0.7
ZEA				pmax		
ZEA				pmax		
ZEA				pmax		
H21K	Melozitna Rive	85.51	280	P	20 36 21.2	+2.4
SRD	Harding Lake	85.53	13	Iamb	20 36 18.5	
HDA	Harding Lake	85.53	13	P	20 36 17.5	-0.3
H21K	Melozitna Rive	85.53	10	Iamb	20 36 20.3	
H21K	Melozitna Rive	85.53	10	P	20 36 18.0	+0.2
CCB	Clear Creek Bu	85.56	13	Iamb	20 36 18.4	
L27K	Beaver Creek	85.58	16	P	20 36 18.3	+0.2
BCAR	Beaver Creek A	85.60	16	P	20 36 18.0	-0.2
N30M	Aishikik Lake	85.61	18	P	20 36 18.7	+0.4
TIY	Taiyuan	85.64	312	UP	20 36 20.6	+1.6
TIY				pmax		
E17K	Hotham Inlet	85.65	6	P	20 36 18.5	+0.2
TX31	Lajitas Ar, Si	85.67	57	Iamb	20 36 22.8	
TXAR	Lajitas Array	85.67	57	P	20 36 21.0	+1.6
TXAR	Lajitas Array	85.67	57	P	20 36 21.5	+2.1
TXAR				pP		
TXAR				PP		

comp-Z, 0.3nm, 0.3s	baz=226, slow=4.8, SNR=1.3					
SURA	Surathani	85.67	281	P	20 36 21.7	+2.1
WHY	Whitehorse	85.68	20	Iamb	20 36 20.6	
WHY	Whitehorse	85.68	20	P	20 36 19.3	+0.6
IMAR	Indian Mountai	85.68	10	P	20 36 17.9	-0.6
I23K	Minto, Yukon-K	85.69	12	Iamb	20 36 19.1	
I23K	Minto, Yukon-K	85.69	12	P	20 36 17.8	-0.6
DLBC	Dease Lake	85.73	23	P	20 36 19.7	+0.8
MDM	Murphy Dome	85.75	12	Iamb	20 36 19.3	
COLA	College	85.75	12	P	20 36 18.5	-0.7
COLA	College	85.75	12	P	20 36 18.0	-0.2
COLA	College	85.75	12	P	20 36 18.2	-0.5
COLA	College	85.75	12	P	20 36 18.0	-0.7
ANMO	Albuquerque	85.80	51	P	20 36 20.3	+0.3

10d 20h

Table with columns: IATA, Name, Altitude, Class, Status, and Frequency. Includes entries like DAWY Dawson, YHL Hebgan Lake, Pinarale Array, etc.

2018 SEP

Table with columns: IATA, Name, Altitude, Class, Status, and Frequency. Includes entries like B21K Ikipik River, F26K Sheenyk River, B20K Meade River, etc.

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Table with columns: IATA, Name, Altitude, Class, Status, and Frequency. Includes entries like F50 Franklin, BLOK Blackwell, ULN Ulanbaatar, etc.

LVZ Lovozero	125.97 345	PKP	PKPdf	20 42 36.9	-0.1
KEV Kevo	126.01 350	PKP	PKPdf	20 42 35.7	-1.2
KEV Kevo	126.01 350	PKP	PKPdf	20 42 35.7	-1.2
ARAO ARCESS Array S	126.46 350	PKP	PKPdf	20 42 37.9	+0.1
ARCES ARCESS Array B	126.46 350	PKP	PKPdf	20 42 37.8	0.0
ARCES ARCESS Array B	126.46 350	PKP	PKPdf	20 42 37.6	-0.2
ARCES comp=Z,24nm,0.8s,baz=57,slo=1.2,SNR=50					
ARCES comp=Z,1.8nm,0.7s,baz=305,slo=6.8,SNR=47					
POGA Pongola	126.45 213	PKP	PKPdf	20 42 37.8	0.0
SUR Sutherland	126.80 200	PKP	PKPdf	20 42 40.5	0.0
JETT Jettan, Norway	127.20 352	ePKPdf	PKPdf	20 42 38.3	-1.0
BTK1 Kautokoino	127.30 351	ePKPdf	PKPdf	20 42 38.9	-0.5
KOSA Boshof	128.53 206	PKP	PKPdf	20 42 42.5	-0.7
KOSA Boshof	128.53 206	PKP	PKPdf	20 42 43.8	-0.2
BOSA comp=Z,12nm,0.8s,baz=142,slo=2.1,SNR=17					
PP				20 44 56.8	+0.3
SOHO comp=Z,5.0nm,1.0s,baz=99,slo=8.6,SNR=3.6					
SOHO SNR=28	129.04 287	i	PKPdf	20 42 43.3	-0.8
STEI Steigen	129.36 354	ePKPdf	PKP	20 42 43.8	-0.4
UOSS Minazif	129.39 288	PKP	PKPdf	20 42 43.2	-2.4
UOSS Minazif	129.39 288	PKP	PKPdf	20 42 44.1	-0.6
HATD Hatta, Dubai	129.45 288	i	PKPdf	20 42 44.7	-0.1
SNR=14					
ASHO Ashiyah	129.51 287	i	PKPdf	20 42 44.3	-0.6
SNR=9.9					
ALNE Al Ain	129.75 287	i	PKP	20 42 45.4	-0.1
SNR=12					
NAZ Nazwa, Dubai	129.88 288	PKP	PKP	20 42 46.1	+0.4
ASQ Al Ashq, Dubai	129.93 287	PKP	PKP	20 42 46.0	+0.3
FAUD Ai Faudh, Dub	130.17 287	PKP	PKP	20 42 47.0	-0.1
MOR Mol Rana	131.15 255	ePKPdf	PKP	20 42 46.3	-0.5
MZR Mozura	131.75 383	i	PKP	20 42 49.9	-0.5
SNR=14					
VAF Ylitaro	132.77 347	eP	PKPdf	20 42 45.4	-4.5
FINES FINES Array B	133.37 344	ePKP	PKP	20 42 46.0	-0.5
comp=Z,2.0nm,0.7s,baz=90,slo=3.8,SNR=6.5					
FINES				20 42 50.7	-0.4
comp=Z,14nm,0.8s,baz=59,slo=5.4,SNR=16.5					
FINES				20 45 26.9	+1.4
comp=Z,10nm,0.9s,baz=18,slo=1.8,SNR=9.3					
MOS Moscow	133.69 333	ePKP	PKP	20 42 50.3	-1.5
MOS				20 45 26.8	
MOS					
comp=Z,60nm,1.0s					
VRH Novokhopovskiy	134.38 326	ePKP	PKP	20 42 50.8	-2.5
VRH					
comp=Z,30nm,0.6s					
OBN Obninsk	134.56 333	PKP	PKPdf	20 42 52.3	-1.2
OBN Obninsk	134.56 333	i	PKP	20 42 52.7	-0.8
OBN Obninsk	134.56 333	PKP	PKPdf	20 42 52.7	-0.8
OBN Obninsk	134.56 333	PKP	PKPdf	20 42 52.2	-2.2
MEF Metsahovi	134.85 344	eP	PKPdf	20 42 51.9	-2.0
LPSR Galich'ya Gora	135.03 329	ePKP	PKP	20 42 52.2	-2.2
LPSR					
comp=Z,40nm,0.9s					
ARB Arbavere	135.09 343	eP	PKPdf	20 42 52.1	-2.3
VORR Voronezh	135.43 328	ePKP	PKP	20 42 53.8	-1.4
VORR					
YSR Storozhevoye	135.71 327	ePKP	PKP	20 42 53.2	-2.6
VSR comp=Z,30nm,0.9s					
VORD Divnogorie	135.79 327	ePKP	PKP	20 42 54.6	-1.3
VORD					
comp=Z,30nm,0.7s					
MTSE Matsula	136.30 344	eP	PKPdf	20 42 54.5	-2.1
NB2 NORSAR Subarray36.50	136.34 354	PKP	PKP	20 42 46.9	
NB2 NORSAR Subarray36.50	136.34 354	PKP	PKP	20 45 38.6	
NB2 comp=Z,2.0nm,0.8s,baz=9.8,slo=2.9					
NB2 NORSAR Subarray36.50	136.34 354	PKP	PKP	20 42 46.9	
NOA NORSAR Array B136.50	136.50 354	PKP	PKP	20 42 47.7	
NOA comp=Z,4.5nm,0.8s,baz=22,slo=3.3,SNR=14					
NOA				20 42 57.8	+0.8
comp=Z,7.2nm,0.8s,baz=15,slo=4.3,SNR=9.5					
HFS				20 45 37.3	+2.0
comp=Z,4.6nm,0.9s,baz=15,slo=5.5,SNR=7.4					
HFS				20 42 47.3	
comp=Z,8.1nm,0.6s,baz=90,slo=4.4,SNR=21					
HFS				20 45 38.6	+1.6
comp=Z,8.8nm,0.8s,baz=68,slo=6.8,SNR=6.5					
GNI Garmi	137.16 310	PKP	PKPdf	20 42 58.5	-0.5
GNI Garmi	137.16 310	PKP	PKPdf	20 42 57.9	-1.1
GNI Garmi	137.16 310	PKP	PKPdf	20 42 58.5	-0.5
GNI Garmi	137.16 310	PKP	PKPdf	20 42 59.8	+0.8
KBZ Khabaz	137.16 316	ePKP	PKP	20 42 49.4	
comp=Z,5.2nm,0.9s,baz=170,slo=3.3,SNR=7					
IGN Glnaldu	138.40 339	eP	PKPdf	20 42 56.3	-4.3
MNK Minsk	138.49 337	i	PKP	20 43 01.1	+0.3
MNK Minsk				20 45 56.7	
MNK Minsk				20 46 11.9	
MNK Minsk				20 49 09.8	
MNK Minsk				21 03 31.6	+5.1
MNK Minsk				21 08 53.2	
comp=N,15nm,0.9s					
MNK					
comp=Z,6.0nm,0.8s					
MNK					
comp=Z,9.0nm,0.9s					
PBA Borcka	138.92 313	i	PKP	20 43 04.3	-0.1
PBA Paberze	138.99 341	eP	PKPdf	20 42 56.6	-5.0
RAYN Ar Raym	139.10 285	i	PKPdf	20 42 56.6	-6.3
SNR=12					
PBUR Paburge	139.15 343	eP	PKPdf	20 42 57.8	-4.1
SOC Sochi	139.31 317	ePKP	PKP	20 43 02.6	0.0
SOC				20 46 08.5	
MOR Boraas	139.61 351	i	PKP	20 42 53.9	-8.8
BCD Coloburn Disti	140.26 4	eP	PKPdf	20 42 56.5	-7.4
KMBO Kilima Mbogo	140.49 245	i	PKP	20 43 01.4	-4.6
SNR=10					
KMBO Kilima Mbogo	140.49 245	PKP	PKP	20 43 00.7	
comp=Z,7.6nm,0.9s,baz=76,slo=7.0,SNR=17					
KMBO				20 45 50.3	+0.1
SUW Suwalki	140.50 340	eP	PKPdf	20 42 59.0	-5.4
DEL Delany	140.53 350	i	PKP	20 42 57.0	-7.4
AKASG Malin Array B	140.82 333	PKP	PKP	20 42 58.9	
comp=Z,4.1nm,0.4s,baz=44,slo=3.7,SNR=19					
KIEV Kiev	140.84 333	i	PKP	20 42 58.9	-6.2
SNR=7.4					
BJUV Bjuv	141.07 350	i	PKP	20 42 59.2	-6.2
MUD Monsted Ugrnd	141.22 354	i	PKP	20 42 59.0	-6.6
MUD				20 43 02.3	
comp=Z,24nm,0.7s					
LAW Loeh Awe, Argy	141.37 7	eP	PKP	20 43 01.3	-4.7
LUNW Lund	141.43 350	i	PKP	20 43 01.0	-5.0
BSD Bornholm Skovb	141.65 348	eP	PKP	20 43 02.3	-4.1
BSD Bornholm Skovb	141.65 348	i	PKP	20 43 01.1	-5.3
BSD				20 43 02.5	
comp=Z,32nm,0.7s					
SIM Simferopol	142.07 322	ePKP	PKP	20 43 04.7	-2.8
SIM					
comp=Z,122nm,1.2s					
SIM					
comp=Z,35nm,0.8s					
EKA Eskdalemuir Ar	142.50 5	PKP	PKP	20 43 04.6	
comp=Z,8.6nm,0.7s,baz=329,slo=3.3,SNR=18					
GKP Gorka Klasztor	142.84 345	ePKP	PKP	20 43 06.8	-1.8
GKP Gorka Klasztor	142.84 345	eP	PKP	20 43 04.1	-4.5
SORM Soroca	143.07 300	i	PKP	20 43 07.0	0.0
SORM Soroca	143.07 300	i	PKP	20 43 07.0	0.0
DIKM Dikmen	143.12 317	i	PKP	20 43 08.2	+0.4
DIKM Dikmen	143.12 317	PKP	PKP	20 43 07.9	+0.1
KESU Horodok	143.14 333	PKP	PKP	20 43 07.0	-0.2
HORW Keswick, Cumb	143.25 5	eP	PKP	20 43 07.8	0.0
PURC Purca	143.43 327	i	PKP	20 43 09.1	+0.5
PURC Purca	143.43 327	PKP	PKP	20 43 08.7	+0.1
IOMK Kirk Michael	143.43 3	eP	PKP	20 43 07.2	-1.0
BSEP Bad Sebege	143.55 352	ePKP	PKP	20 43 08.9	+0.2
comp=Z,15nm,2.8s					
KIP Kipodol'ski	143.62 332	PKP	PKP	20 43 08.3	-0.8
KIS Kishinev	143.64 329	PKP	PKP	20 43 09.3	+0.1
MILM Milestii Mici	143.70 329	i	PKP	20 43 07.5	-1.9
BZK Bozkurt	143.77 318	i	PKP	20 43 11.0	+0.4
BZK Bozkurt	143.77 318	PKP	PKP	20 43 10.2	+0.3
HPK Haverah Park	143.98 4	eP	PKP	20 43 09.9	-0.1

CHRU Chernivtsi	144.05 333	PKP	PKP	20 43 09.9	-0.6
IAS Iasi	144.12 330	i	PKP	20 43 11.3	+0.3
IAS Iasi	144.12 330	i	PKP	20 43 11.3	+0.3
MORS Morshin	144.25 335	PKP	PKP	20 43 10.8	-0.3
WFS Cernaeas, Angles	144.28 7	eP	PKP	20 43 10.9	-0.1
WFW Kalwarja Pacla	144.31 337	eP	PKP	20 43 11.7	0.0
KWP Kalwarja Pacla	144.31 337	eP	PKP	20 43 11.1	-0.2
WME Myndd Eilian	144.31 7	PKP	PKP	20 43 10.3	-0.7
GORTI Trebel	144.32 350	ePKP	PKP	20 43 11.6	+0.1
STNU Starunia	144.34 334	PKP	PKP	20 43 11.0	-0.4
RUE Ruedersdorf	144.36 348	eP	PKP	20 43 06.6	-4.7
RUE Ruedersdorf	144.36 348	ePKP	PKP	20 43 11.6	-0.2
WLF1 Llynfaes	144.41 7	eP	PKP	20 43 11.6	+0.2
KSV Krasnoyarsk	144.41 333	PKP	PKP	20 43 11.7	0.0
LBWR Ladybowler, Pea	144.53 3	eP	PKP	20 43 11.3	-0.2
PRAR RASCA	144.61 331	i	PKP	20 43 12.8	-0.1
BIR Birlad	144.74 329	i	PKP	20 43 14.3	+0.8
BIR Birlad	144.74 329	i	PKP	20 43 14.3	+0.8
STNC Starunia	144.80 4	eP	PKP	20 43 12.6	0.0
VLDR Vladesti	144.81 328	eP	PKP	20 43 12.4	+0.1
OJC Ojok	144.83 340	ePKP	PKP	20 43 12.3	+0.1
OJC Ojok	144.83 340	PKP	PKP	20 43 11.9	-0.3
RETH Rethem/Aller	144.84 352	ePKP	PKP	20 43 13.0	+0.4
baz=15,slo=2.8					
TLCR Talarca	144.87 326	i	PKP	20 43 12.6	+0.2
TLCR Talarca	144.87 326	i	PKP	20 43 12.6	+0.2
BURAR Bucovina Array	144.88 332	PKP	PKP	20 43 12.5	0.0
BURAR Bucovina Array	144.88 332	i	PKP	20 43 14.3	+0.2
VARZ Varelzi	144.88 328	i	PKP	20 43 13.6	-0.4
MEL Mezhgor'ye	144.90 335	PKP	PKP	20 43 13.0	-0.1
LIU Lunyuchillyn	144.92 6	eP	PKP	20 43 12.5	+0.2
FOEL Foel Wylfa	144.92 6	eP	PKP	20 43 12.6	+0.3
SCFL Scatelestyn	144.97 328	i	PKP	20 43 15.0	+0.7
FLTG Flechtingen	144.97 350	ePKP	PKP	20 43 12.6	+0.3
baz=17,slo=1.6					
FLTG				20 43 13.1	0.0
baz=15,slo=2.8					
NRDL Niedersach Rie	144.98 351	ePKP	PKP	20 43 13.4	+0.3
baz=15,slo=2.8					
TATR Tatarca	144.99 328	i	PKP	20 43 05.2	-7.4
GHRH Gherghin	144.99 329	i	PKP	20 43 14.6	+0.2
GHRH Gherghin	144.99 329	PKP	PKP	20 43 14.2	-0.2
RAKU Rakhiv	145.01 334	PKP	PKP	20 43 12.1	-0.5
TESR Tescani	145.04 330	i	PKP	20 43 11.7	-1.0
TESR Tescani	145.04 330	PKP	PKP	20 43 13.6	0.0
KOL Koloniche sedl	145.04 337	ePKP	PKP	20 43 12.5	+0.2
KOLS Koloniche sedl	145.04 337	ePKP	PKP	20 43 14.0	+0.5
JURR Jurlovica	145.12 326	i	PKP	20 43 13.6	-0.2
NEGR Negrea	145.12 328	i	PKP	20 43 13.9	+0.1
SLCR Slobozia Conac	145.14 328	i	PKP	20 43 15.3	+0.3
BTRR Keskin Array B	145.14 315	ePKP	PKP	20 43 12.3	-0.9
BTRR Keskin Array B	145.14 315	PKP	PKP	20 43 14.3	+0.3
comp=Z,83nm,0.8s,baz=110,slo=1.9,SNR=246					
BRTR				20 45 59.8	+0.9
comp=Z,					

10d 20h

Table listing astronomical observations for 10d 20h, including station names like GRFO, BCLA, BHOU, and various object names like Kasperske Hory, Gesves, Gura Zlata, etc.

2018 SEP

Table listing astronomical observations for 2018 SEP, including station names like LJLU, KKB, FETA, and various object names like Ljubljana, Krupnik, Feichten, etc.

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Table listing astronomical observations for 716, including station names like TSLSK, EFP, KLV, and various object names like Tsoulakades, Epialo, Kalavryta, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like OOD Oodnadatta, BBOO Buckleboe, MULG Mulgathing, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like ZVC Zvikov, TANN Tannenberghtha, GTTG Gotgen, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like QSPA comp=2.4,6nm,1.0s, GSPA South Pole Qui, CMAR Chiang Mai, etc.

10d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers. Includes stations like Universidad Ca, Boqueron, Serv Nac Est T, etc.

2018 SEP

Table with columns: KASI, XMAS, SBUM, SBUM, SBUM, etc. Includes station names like Kota Agung, Christmas Isla, Sibiu, etc.

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Table with columns: GSPA, GSPA, CPUP, BO02, MT01, VAO3, CO03, etc. Includes station names like South Pole Qui, Sierra Bellavi, Popeta, etc.

10d 23h

Table with columns: SEVD, AKMS, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Seydisheir-KON, Akamas, and Zeytinli-Koydi.

IDC 10 22:38:13.0,0.8,6.64s,147.92E,h0km,mb4.2/12, mbmp4.2/14,ML4.2/1, Error ellipse: s-maj=32.9km

NEIC 10 22:38:18.2,2.3,6.70S,0.04x148.13E,0.08,h3km,1km, mb4.3/17, Error ellipse: s-maj=14.1km s-min=6.6km

ISC 10 22:38:20.2,0.6,6.72S,0.07x147.8E,0.1,h51km,n45, s129/48,mb4.2/16, Eastern New Guinea region

Main station list table for 10d 23h, including stations like Port Moresby, Rabaul, Warramunga Arr, etc.

RSNC 10 22:38:37.0,0.0,7.1N,1.73W, h144km,3km,M3.0,mb4.1, mB6.4,ML2.7,Mw(m)B6.1, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Barichara, Barrancabermej, Pamplona, Colo, La Rusia.

2018 SEP

Main station list table for 2018 SEP, including stations like Puerto Berrío, Tame, Arauca, Ocana, etc.

BGR 10 23:02:41.5,36.19N,32.00E,h113km,14km,mb4.7 N1C 10 23:02:54.9,37.12N,30.79E,h110km,31km,M15.0/10

ISK 10 23:02:55.3,37.18N,30.63E,h106km,ML4.9/97 MOS 10 23:02:55.1,0.8,2.7,181.30E,h119km,mb5.1/68, Error ellipse: s-maj=4.2km s-min=2.6km az=96.2

MCSM 10 23:02:56.0,3.7,37.1N,3.3E, h116km,3km,mb4.9, mB5.2,MLV4.9,Mw(m)B4.5

MED_RC 10 23:02:56.0,0.2,36.88N,30.57E,h104km,2km,MW4.9/57, Moment Tensor Solution.Mantle waves: s57,c94;

Duration: 1s2 Moment tensor: Scale 10^16Nm; M3:1.5e-09; Mw:1.5e-10; Mw:1.5e-09; Mw:1.1e-11; Mw:1.0e-09; Mw:0.8e-08; Best double couple: Mw:0.03000x1016 NP1:0.37x0.0000x,652.000000;

Principal axes: T:3.3100; Pw:0.0000; Azm:264.0000; N:0.5600; Plg:8.0000; Azm:43.0000; P:2.7500; Plg:7.0000; Azm:134.0000; nsta1 refers to body waves.

nsta2 refers to surface waves, cutoff=35s. NEIC 10 23:02:56.5,37.23N,30.67E,h107km GII 10 23:02:56.7,0.6,36.816N,0.004x30.616E,0.001,h40km, mb4.8/6,Md4.8/2,Mw4.9,confirmed

NEIC 10 23:02:56.1,1.3,37.23N,0.04x30.61E,0.06,h108km,3km, mb4.9/483,Mw4.5/122, Error ellipse: s-maj=7.3km s-min=6.3km az=105.0, Moment Tensor Solution.

Moment tensor: Scale 10^16Nm; Mw:4.45; Mw:1.23; Mw:5.68; Mw:3.41; Mw:1.03; Mw:0.03; Fault plane solution: Mb:28000x1016 NP1:0.37x0.0000x,656.440000; N:1.200000; NP2:160.300000x,850.480000x,1.000000x

Principal axes: T:6.6315, Plg57.0000, Azm5.0000; N

-0.7697, Plg33.0000, Azm192.0000; P:-5.8618, Plg3.0000, Azm10.0000; IDC 10 23:02:56.9,1.1,37.23N,30.67E,h119km,6km,mb4.7/26, mbmp5.0/39,MS3.6/27, Error ellipse: s-maj=10.4km s-min=8.4km az=159.0

THE 10 23:02:56.5,37.10N,30.72E,h28km,44km,ML4.7/6, Error ellipse: s-maj=44.1km s-min=1.7km az=100.0

GCMT 10 23:02:57.1,0.3,37.00N,0.03x30.70E,0.03,h108km,4km, MW4.9/98, Moment Tensor Solution. s26,c28; s98,c148; Duration: 0 Moment tensor: Scale 10^16Nm; Mw:3.16e-09; Mw:1.01e-14; Mw:2.14e-13; Mw:0.46e-12; Mw:1.56e-11; Mw:0.38e-12; Best double couple: M3.25200x1016

NP1:0.38x0.0000x,650.000000x,1.94.000000; NP2: 0.212e-00000; 840.000000; 1.86.000000; Principal axes: T:3.2190, Plg64.0000, Azm334.0000; N:0.0770, Plg3.0000, Azm216.0000; P:-3.2860, Plg5.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

AFAD 10 23:02:57.1,0.0,37.20N,30.62E,h50km,6km,MW4.8 HLW 10 23:02:57.9,36.70N,30.90E,h15km,18km,Md4.6,M15.5 NAO 10 23:02:57.4,1.02N,29.38E,h33km,mb4.8

ISC 10 23:02:55.4,0.3,37.15N,0.03x30.65E,0.02,h108km,2km, h109km,pp-P, m1659,0.126/1733,mb5.0/349,70C-85D, Turkey

Main station list table for 2018 SEP, including stations like Burdur, Bucak, Antalya, Korkuelli, etc.

GEDZ	Geziz	2.12 343	Pn	Pn	23 03 30.4 +0.4	GEMT	Gemlik	3.47 341	Pn	Pn	23 03 48.2 +0.6	baz=224	S	Sn	23 05 51.5 -7.2		
MANT	Manisa	2.13 310	Pn	Pn	23 03 29.6 -0.6	BR106	Keskin Array S	3.47 41	Pn	Pn	23 03 48.2 +0.4	KOT	Kotamria		Pn	23 04 37.2 -1.9	
MANT	Manisa	2.13 310	Pn	Pn	23 03 55.9 -0.8	BR131	Keskin Array S	3.48 42	Pn	Pn	23 03 48.0 +0.1	HAG	Hagall	7.28 172	JP	Pn	23 04 37.1 -2.1
MANT	Manisa	2.13 310	Pn	Pn	23 03 30.2 +0.1	BR131	Keskin Array S	3.48 42	Pn	Pn	23 03 48.2 +0.3	PGB	Panagyurishte	7.31 319	JP	Pn	23 04 41.1 +1.6
MANT	Geziz	2.14 335	Pn	Pn	23 03 54.8 -1.9	BR131	Keskin Array S	3.48 42	Pn	Pn	23 03 48.6 +0.7	HMVD	Mayadein	7.34 179	JP	Pn	23 04 39.0 -1.0
GDZ	Bozyazi-Mersin	2.14 335	Pn	Pn	23 03 40.4 +0.2	BR131	Keskin Array S	3.48 42	Pn	Pn	23 03 48.6 +0.7	SWQJ	Swaya	7.41 141	P	Pn	23 04 38.8 -2.1
BOZY	Bozyazi-Mersin	2.14 118	Pn	Pn	23 03 55.2 -1.7	BRTR	Keskin Array B	3.48 42	Pn	Pn	23 03 48.2 +0.3	KKB	Krupnik	7.46 311	JP	Pn	23 04 43.5 +1.9
SHAP	Saphane-Kutahya	2.18 329	Pn	Pn	23 03 31.4 +1.2	BRTR	Keskin Array B	3.48 42	Pn	Pn	23 03 47.9 +0.1	HNAT	Natron	7.50 180	JP	Pn	23 04 40.9 -1.3
TEKE	Tekeli-Mersin	2.22 116	Pn	Pn	23 03 30.9 +0.2	BRTR	Keskin Array B	3.48 42	Pn	Pn	23 03 48.1 +0.1	VAY	Valandovo	7.52 306	iP	Pn	23 04 44.8 +2.5
CIFT	Cifteler, Eski	2.23 8	Pn	Pn	23 03 32.0 +0.8	65nm,0.4s, baz=219,slow=1.5,SNR=390						ZFRI	Zfri	7.58 149	P	Pn	23 04 41.0 -2.2
CHEB	Cihanbeyli	2.28 51	Pn	Pn	23 03 31.1 -0.2	128nm,0.6s, baz=203,slow=14,SNR=32.3						TLBR	Topalu	7.64 346	JP	Pn	23 04 45.3 +1.3
CBEY	Konya-Cihanbeyli	2.28 47	Pn	Pn	23 03 32.6 +0.6	PARAL	Paralim21	3.49 127	P	Pn	23 03 24.5 -3.9	ZIMR	Zimra	7.64 300	JP	Pn	23 04 45.0 +1.0
MLSB	Milas	2.30 274	Pn	Pn	23 03 32.3 -0.4	PARAL	Paralim21	3.49 127	P	Pn	23 03 24.0 -0.9	PLNA	Plana	7.69 316	JP	Pn	23 04 47.1 +2.4
AYDB	Zeytinokoy-Aydi	2.33 291	Pn	Pn	23 03 32.4 +0.2	PARAL	Paralim21	3.49 127	P	Pn	23 04 28.1 -0.4	JURR	Jurilovca	7.72 351	JP	Pn	23 04 45.4 +0.4
SMAA	Simav-Kutahya	2.35 262	Pn	Pn	23 03 32.3 -0.4	PARAL	Paralim21	3.49 127	P	Pn	23 04 28.1 -0.4	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
IZMR	izmir-demi	2.35 295	P	Pn	23 03 32.0 0.0	11nm,0.7s				AML	AML	SEV	Sevastopol'	7.73 161	eS	Sn	23 06 09.6 -1.3
TEVE	Tevekalti-Mers	2.35 107	Pn	Pn	23 03 33.9 +0.9	PARAL	Paralim21	3.49 127	P	Pn	23 04 45.0	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
SGAZ	Eskisehir, Sey	2.38 4	Pn	Pn	23 03 30.3 -0.3	MDNY	Mudanya-Bursa	3.49 337	Pn	Pn	23 03 48.5 +0.6	SEV	Sevastopol'	7.73 161	eS	Sn	23 06 09.6 -1.3
AUSIV	SIVRIHISAR	2.39 17	P	Pn	23 03 33.2 -0.2	DKIT	Dikizyon	3.52 304	Pn	Pn	23 03 49.1 +0.9	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
SVRH	Sivrihisar-ESK	2.39 16	Pn	Pn	23 03 33.2 -0.3	YLV	Yalova	3.55 344	Pn	Pn	23 03 48.2 +0.4	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
ANDZ	Kutahya, Merke	2.42 346	Pn	Pn	23 03 34.9 +0.4	YLV	Yalova	3.55 344	Pn	Pn	23 03 49.1 +0.3	SEV	Sevastopol'	7.73 161	eS	Sn	23 06 09.6 -1.3
YORU	Yoruksupe-Mersin	2.43 113	Pn	Pn	23 03 34.8 +0.9	CKTX	Karacabey (Bur	3.55 331	Pn	Pn	23 03 49.8 +0.6	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
OREN	Orenkoy-Mersin	2.45 112	Pn	Pn	23 03 35.0 +0.9	SAUV	Serdivan-Sakar	3.55 356	Pn	Pn	23 03 49.5 +0.3	SEV	Sevastopol'	7.73 161	eS	Sn	23 06 09.6 -1.3
EMET	Ktahya-Emet	2.45 335	Pn	Pn	23 03 34.7 +0.5	ARMT	Armutu	3.58 358	Pn	Pn	23 03 50.5 0.0	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
DAT	Dataca	2.50 261	Pn	Pn	23 03 35.2 +0.3	GONE	Gonen-Balikesir	3.58 358	Pn	Pn	23 03 50.5 0.0	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
DAT	Dataca	2.50 261	Pn	Pn	23 03 35.4 +0.5	HRT	Hereke	3.74 349	Pn	Pn	23 03 51.4 +0.1	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
DAT	Dataca	2.50 261	Pn	Pn	23 03 35.1 +0.2	BAND	Balkesir-Ban	3.77 329	JP	Pn	23 03 51.9 +0.3	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
DAT	Dataca	2.50 261	Pn	Pn	23 04 04.8 -0.3	CHOS	Chios island	3.84 290	Pn	Pn	23 03 53.4 +0.7	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
SULT	Sultanhanli-AKS	2.50 65	Pn	Pn	23 03 35.8 +0.9	CHOS	Chios island	3.84 290	Pn	Pn	23 03 53.3 +0.6	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
GULN	MERSIN_Gulnar	2.52 112	Pn	Pn	23 03 36.0 +1.0	CHOS	Chios island	3.84 290	Pn	Pn	23 03 38.6 +1.6	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 03 33.7 -1.5	YENI	Yeni-Canakka	3.85 317	Pn	Pn	23 03 53.7 +0.9	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 04.1 -1.7	EDC	Edincik	3.86 327	Pn	Pn	23 03 53.4 +0.6	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 55.1 +1.0	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 53.8 +2.4	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.4 +0.8	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.1 +1.0	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 04 42.8 -0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.2 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.53 147	eP	Pn	23 04 19.1	PRK	Paraskevi	4.03 303	S	Pn	23 03 56.3 +0.2	SEV	Sevastopol'	7.73 161	eS	Sn	23 04 45.9 +0.8
AKMS	Akamass	2.															

ARR	Arges	9.37 333	P	Pn	23 05 07.8 +0.4
SRE	Strehaia	9.38 325	P	Pn	23 05 07.7 +0.1
SRE	Strehaia	9.38 325	P	Pn	23 05 07.6 +0.1
BIR	Birlad	9.38 347	P	Pn	23 05 08.0 +0.5
BIR	Birlad	9.38 347	P	Pn	23 05 08.0 +0.5
SIRT	Sirnack	9.40 84	P	Pn	23 05 09.2 +1.3
BOVS	Bovan	9.40 316	P	Pn	23 05 08.6 +0.8
NE56	Odesa	9.52 1	P	Pn	23 05 10.0 +0.7
TURR	Turcia	9.54 340	P	Pn	23 05 11.1 +1.3
RMGR	Halanga-Turnu	9.62 324	P	Pn	23 05 10.7 0.0
PUK	Puka	9.63 304	P	Pn	23 05 12.2 +1.2
DOPR	Dopca	9.64 328	P	Pn	23 05 11.4 +0.5
BOSR	Bodos	9.66 339	P	Pn	23 05 12.7 +1.3
DJES	Djerdap	9.70 323	P	Pn	23 05 13.0 +1.2
ONER	Baraj Valea Uz	9.71 342	P	Pn	23 05 13.9 +1.9
TNR	Turnu Rosu	9.74 333	P	Pn	23 05 13.9 +1.4
TNR	Turnu Rosu	9.74 333	P	Pn	23 05 15.0 +2.5
TESR	Tescani	9.81 334	P	Pn	23 05 14.9 +1.5
TESR	Tescani	9.81 344	P	Pn	23 05 13.9 +0.5
MILM	Milestii Mici	9.85 353	P	Pn	23 05 14.4 +0.5
MILM	Milestii Mici	9.85 353	P	Pn	23 05 14.4 +0.5
HERR	Herculan	9.91 324	P	Pn	23 05 14.7 0.0
DRFE	Dravaceva, Mon	10.16 303	eP	Pn	23 05 18.4 +0.2
HRRF	Wahat Farafira	10.17 192	S	Sn	23 07 01.3 -9.2
MDVR	Moldovita	10.18 321	P	Pn	23 05 18.6 +0.2
SJES	Sjenica	10.19 310	eP	Pn	23 05 19.7 +1.1
PDG	Podgorica	10.22 305	eP	Pn	23 05 19.1 +0.1
PDG	Podgorica	10.22 305	eP	Pn	23 05 21.2 +2.2
PDG	Podgorica	10.22 305	eP	Pn	23 05 20.1 +1.1
IAS	Iasi	10.29 348	P	Pn	23 05 20.2 +0.4
IAS	Iasi	10.29 348	P	Pn	23 05 20.2 +0.4
KARS	Kars	10.29 67	P	Pn	23 05 19.4 -0.6
KARS	Kars	10.29 67	P	Pn	23 05 19.4 -0.6
DEV	Deva	10.47 329	P	Pn	23 05 22.4 +0.1
DEV	Deva	10.47 329	P	Pn	23 05 22.4 +0.1
LABN	Labinsk	10.67 42	eP	S	23 05 19.5 -5.6
LABN	Labinsk	10.67 42	eP	S	23 05 19.5 -5.6
SURR	Surduc	10.71 326	P	Pn	23 05 26.4 +1.0
RUDO	Rudzo	10.75 310	eP	Pn	23 05 26.3 +0.2
UPM	Unac-Piva	10.82 308	P	Pn	23 05 20.7 +2.8
BZS	Buzias	10.83 324	P	Pn	23 05 27.4 +0.1
BZS	Buzias	10.83 324	P	Pn	23 05 30.0 +2.8
BBLs	Lazići	10.87 312	eP	Pn	23 05 26.9 -0.9
BANR	Banloc	10.89 322	P	Pn	23 05 29.0 +1.0
CJR	Ciuj-Napoca	10.89 333	eP	Pn	23 05 28.6 +0.5
CJR	Ciuj-Napoca	10.89 333	eP	Pn	23 05 29.1 +2.9
BRY	Bratogost	10.91 305	eP	Pn	23 05 29.7 +1.3
TREB	Trebinje	10.95 304	eP	Pn	23 05 29.2 +0.4
ARCR	ARCALIA	10.96 337	P	Pn	23 05 30.9 +1.9
MARR	Marisel-Ciuj	11.04 332	P	Pn	23 05 31.2 +1.2
TIP	Timpagrande	11.12 285	P	Pn	23 05 30.8 -1.4
TIP	Timpagrande	11.12 285	P	Pn	23 05 30.7 -0.5
TIP	Timpagrande	11.12 285	P	Pn	23 05 30.1 -1.1
BURAR	Bucovina Array	11.20 341	Pn	Pn	23 05 32.3 +0.1
BURAR	Bucovina Array	11.20 341	Pn	Pn	23 05 33.1 +1.0
BURAR	Bucovina Array	11.20 341	Pn	Pn	23 05 33.7 +3.5
TEKS	Tekeris	11.20 315	eP	Pn	23 05 32.5 +0.4
BUR08	Bucovina Ar. S	11.23 341	Pn	Pn	23 05 32.4 -0.2
SHA1	Shidzhatmaz	11.26 51	eP	Pn	23 05 35.1 +1.9
ERBR	Yeremizin-Bor	11.29 38	eS	Sn	23 05 33.3 0.0
ERBR	Yeremizin-Bor	11.29 38	eS	Sn	23 07 40.8 +3.4
SIRR	Siria	11.31 326	P	Pn	23 05 34.3 +0.7
KIV	Kislovodsk	11.39 50	Pn	Pn	23 05 35.8 +0.9
KIV	Kislovodsk	11.39 50	Pn	Pn	23 05 37.2 +3.2
KIV	Kislovodsk	11.39 50	Pn	Pn	23 05 37.7 +2.7
KIV	Kislovodsk	11.39 50	Pn	Pn	23 05 35.8 +0.9
KIV	Kislovodsk	11.39 50	eS	Sn	23 07 43.1 +3.0
KIV	Kislovodsk	11.39 50	Pn	Pn	23 05 36.3 +1.4
KVAR	Kislovodsk Arr	11.40 50	P	Pn	23 05 36.1 +1.2
KBZ	Khabaz	11.42 51	eP	LR	23 05 36.0 +1.1
KBZ	Khabaz	11.42 51	eP	LR	23 05 36.0 +1.1
KBZ	Khabaz	11.42 51	eP	LR	23 05 36.6 +1.7
KBZ	Khabaz	11.42 51	eP	LR	23 05 36.6 +1.7
GNI	Garni	11.42 71	Pn	Pn	23 05 36.0 +0.7
GNI	Garni	11.42 71	Pn	Pn	23 05 39.2 +3.9
GNI	Garni	11.42 71	Pn	Pn	23 05 36.8 +1.5
GNI	Garni	11.42 71	Pn	Pn	23 05 38.9 +3.6
GNI	Garni	11.42 71	Pn	Pn	23 05 38.9 +3.6
FRGS	Fruska Gora	11.42 318	eP	Pn	23 05 34.6 -0.6
STON	Ston	11.45 304	eP	Pn	23 05 34.6 -0.9
MESR	Mesesen	11.50 333	P	Pn	23 05 37.1 +1.0
AKRG	Al Kharjah	11.62 181	P	Pn	23 05 34.7 -3.2
NDNU	Novodnistrovsk	11.68 349	Pn	Pn	23 05 38.3 -0.3
NCK	Nalchik	11.73 53	eP	Pn	23 05 40.2 +2.7
CEL	Celeste	11.74 280	Pn	Pn	23 05 39.0 -0.5
CEL	Celeste	11.74 280	Pn	Pn	23 05 39.3 -0.2
BMR	Baia Mare	11.76 336	P	Pn	23 05 40.5 +0.9
BMR	Baia Mare	11.76 336	P	Pn	23 05 42.7 +3.1
CUC	Castrocuco	11.95 288	Pn	Pn	23 05 42.0 -0.2
GOF	Gofitskoye	12.23 46	eP	Pn	23 05 48.7 +2.9
KORU	Korolevo	12.30 336	Pn	Pn	23 05 48.9 +2.2
TRSU	Trosna	12.30 335	Pn	Pn	23 05 50.0 +3.2
SGRT	San Giovanni R	12.40 296	Pn	Pn	23 05 46.6 -1.8
MEZ	Mezhor'ye	12.49 338	Pn	Pn	23 05 51.9 +2.6
BRIU	Briud	12.50 336	Pn	Pn	23 05 51.0 +1.7
BLY	Banja Luka	12.68 311	eP	Pn	23 05 52.3 +0.5
MUKU	Mukachevo	12.71 335	Pn	Pn	23 05 52.4 +0.5
MORH	Mirgy, Hungar	12.73 319	P	Pn	23 05 54.9 +1.6
MORH	Mirgy, Hungar	12.73 319	P	Pn	23 05 54.5 +2.1
APRS	Wahet Paris	12.74 180	P	Pn	23 05 50.1 -2.6
HOLL	Holmets	12.87 335	Pn	Pn	23 05 54.3 +0.1
LUBAR	Lubar, Ukraine	12.93 352	Pn	Pn	23 05 54.5 -0.5
VAE	Valguarnera	12.93 276	P	Pn	23 05 56.4 +1.2
VAE	Valguarnera	12.93 276	P	Pn	23 05 56.4 +1.2
VAE	Valguarnera	12.93 276	P	Pn	23 08 18.3 +0.8
VAE	Valguarnera	12.93 276	P	Pn	23 08 18.3 +0.8
MORS	Morshin	12.94 340	Pn	Pn	23 05 55.6 +0.5
A050A	Klekocica	12.99 309	eP	Pn	23 05 58.0 +2.7
RAFF	Raffo	12.99 275	Pn	Pn	23 05 54.2 +1.6
A051A	Mravkovic	12.99 311	eP	Pn	23 05 55.4 -0.5
WDD	Wied Dalam	13.04 269	Pn	Pn	23 05 52.8 -3.7
PAOL	Paolisi	13.08 292	Pn	Pn	23 05 57.0 0.0
KOLS	Kolonickie sedl	13.28 335	eP	Pn	23 06 01.2 +1.9
KOLS	Kolonickie sedl	13.28 335	eP	Pn	23 06 01.1 +1.9
PSZ	Piszkesteto	13.35 327	Pn	Pn	23 06 00.2 -0.3
PSZ	Piszkesteto	13.35 327	Pn	Pn	23 06 00.2 -0.3
CRVS	Cervenica-Dubn	13.52 333	eP	Pn	23 06 05.7 -2.2
CRVS	Cervenica-Dubn	13.52 333	eP	Pn	23 06 05.7 -2.2
KIEV	Kiev	13.58 356	P	Pn	23 06 01.8 -1.5
KIEV	Kiev	13.58 356	P	Pn	23 06 01.7 -1.7
KIEV	Kiev	13.58 356	P	Pn	23 06 01.8 -1.5
AKASG	Malin Array Be	13.58 356	P	Pn	23 06 01.3 -2.1
AKASG	Malin Array Be	13.58 356	P	Pn	23 06 01.6 -1.7
AKASG	Malin Array Be	13.58 356	P	Pn	23 06 01.6 -1.7
AKASG	Malin Array Be	13.58 356	P	Pn	23 08 33.2 +0.3
AKASG	Malin Array Be	13.58 356	P	Pn	23 08 33.2 +0.3
AKASG	Malin Array Be	13.58 356	P	Pn	23 14 42.4 -1.8
AKASG	Malin Array Be	13.58 356	P	Pn	23 06 01.7 -1.7
AKASG	Malin Array Be	13.58 356	P	Pn	23 06 01.4 -2.0
AKASG	Malin Array Be	13.58 356	P	Pn	23 06 01.1 -2.0
KWP	Kalwaria Pacla	13.73 338	eP	Pn	23 06 05.0 -0.4
KWP	Kalwaria Pacla	13.73 338	eP	Pn	23 06 06.0 +0.7
KWP	Kalwaria Pacla	13.73 338	eP	Pn	23 06 06.1 +0.7
KWP	Kalwaria Pacla	13.73 338	eP	Pn	23 06 07.3 +1.9

AWKL	West Kalabsha	13.77 173	P	Pn	23 06 04.5 -1.5
INTR	Introdacqua	13.79 296	Pn	Pn	23 06 06.7 +0.4
CLTB	Caltabellotta	13.88 277	P	Pn	23 06 07.8 +0.3
MLPH	Magyaropoly	13.93 230	Pn	Pn	23 06 08.6 +0.6
MI28	MI28,Pidlybu	13.94 352	Pn	Pn	23 06 09.7 +1.7
SRO	Srobrava	13.99 323	eP	P	23 06 13.5 +0.3
SRO	Srobrava	13.99 323	eP	P	23 06 13.5 +0.3
MAK	Makachakala	14.14 61	eP	Pn	23 06 13.1 +0.6
MAK	Makachakala	14.14 61	eP	Pn	23 06 13.1 +0.6
MAK	Makachakala	14.14 61	eP	Pn	23 06 48.1 +1.5
MAK	Makachakala	14.14 61	eP	Pn	23 06 48.1 +1.5
BOJS	Bojanci	14.24 311	eP	P	23 06 16.1 +0.1
VYHS	Vyhne	14.25 326	eP	P	23 06 14.8 -1.3
VYHS	Vyhne	14.25 326	eP	P	23 06 14.8 -1.3
CAMP	Campotosto	14.29 297	Pn	Pn	23 06 12.9 +0.2
CRES	Crespinet	14.29 312	eP	P	23 06 14.7 -1.8
NIE	Niedzica	14.37 332	eP	P	23 06 15.7 -1.8
NIE	Niedzica	14.37 332	eP	P	23 06 15.8 -1.6
GNMA	Stary Chortor	14.47 348	Pn	Pn	23 06 13.9 -1.0
GNMA	Stary Chortor	14.47 348	Pn	Pn	23 06 13.8 -1.5
NRCA	Norcia	14.58 289	P	Pn	23 06 15.1 -1.0
RNP9	Rospovih	14.65 348	Pn	Pn	23 06 16.0 -1.1
FDMP	Fjordimonte	14.66 299	P	Pn	23 06 16.6 -0.8
CEY	Cerknica	14.86 310	eP	P	23 06 20.0 +0.1
RONA	Rosalia, Austr	14.92 319	eP	P	23 06 24.7 +1.1
SOKA	Sokoboth	15.00 314	iP	P	23 06 23.4 -1.1
SOKA	Sokoboth	15.00 314	iP	P	23 06 23.4 -1.1
SOKA	Sokoboth	15.00 314	iP	P	23 11 23.5 +0.6
SOKA	Sokoboth	15.00 314	iP	P	23 11 23.5 +0.6
SKDS	Skadanska	15.03 309	eP	Pn	23 06 22.0 0.0
JAVS	Velka Javorina	15.04 325	eP	Pn	23 06 25.8 +0.9
ARCB	Arzberg	15.05 317	eP	P	23 06 24.5 -0.6
VORD	Divnogorie	15.12 21	eP	Pn	23 06 23.0 -0.1
VORD	Divnogorie	15.12 21	eP	Pn	23 06 23.0 -0.1
OBKA	Obir	15.19 313	eP	P	23 06 25.7 -0.8
OBKA	Obir	15.19 313	eP	P	23 06 25.7 -0.8
OBKA	Obir	15.19 313	eP	P	23 11 24.5 +1.3
OBKA	Obir	15.19 313	eP	P	23 11 24.5 +1.3
OBKA	Obir	15.19 313	eP	P	23 14 48.7 +1.4
OBKA	Obir	15.19 313	eP	P	23 14 48.7 +1.4
CONA	Conrad Observa	15.29 319	eP	P	23 06 27.1 -0.7
VSR	Storozhevo	15.31 21	eP	Pn	23 06 24.5 -1.0
MAUC	Maruska	15.34 327	AMS	AMS	23 09 30.0
SABO	M.te Sabotino	15.49 310	Pn	IAMB	23 06 26.8 -0.9
SABO	M.te Sabotino	15.49 310	Pn	IAMB	23 06 26.8 -0.9
OKC	Ostrava-Krasne	15.56 328	eP	P	23 06 50.7 +1.1
OKC	Ostrava-Krasne	15.56 328	eP	P	23 09 40.0
VORR	Voronozh	15.73 20	eP	Pn	23 06 33.0 +0.6
VORR	Voronozh	15.73 20	eP	Pn	23 06 33.0 +0.6
PRED	Cave del Predis	15.73 311	Pn	Pn	23 06 30.4 -0.5
MORC	Moravsky Berou	15.77 327	eP	Pn	23 06 35.0 +2.0
MORC	Moravsky Berou	15.77 327	eP	Pn	23 06 35.0 +2.0
MORC	Moravsky Berou	15.77 327	eP	Pn	23 06 30.8 -0.5
MORC	Moravsky Berou	15.77 327	eP	Pn	23 06 30.8 -0.5
KRUC	Kruh	15.78 323	eP	Pn	23 06 34.3 +1.3
MYKA	Terra Mystica	15.78 312	iP	P	23 06 32.7 -0.5

Table with columns: Call, Collm, Time, P, Pn, etc. Includes entries like PABE Paberze, MOX Moxa, MOS Moscow, etc.

Table with columns: Call, Time, P, Pp, etc. Includes entries like ABKAR Akbulak array, FINES FINESSE Array B, etc.

Table with columns: Call, Time, P, Pp, etc. Includes entries like EDI Edinburgh, DRUM Mains of Drum, NSS Namsos, etc.

AAK	Ala-Archa	33.79	67	P	P	23 09 28.3 +1.2
AAK				pP	pP	23 09 53.1 +1.4
AAK				ScP	ScP	23 15 37.9 -0.7
SGDS	Sogindy	33.82	65	eP	P	23 09 27.6 +0.3
SGDS	Sogindy	33.82	65	eP	P	23 09 27.5 +0.3
LODK	Lodwar	33.85	172	P	P	23 09 28.9 +2.1
UCH	Uch	33.85	68	P	P	23 09 28.9 +0.9
FRU1	FRU1	33.87	66	P	P	23 09 28.6 +0.9
FRU1	Bishkek	33.87	66	P	P	23 09 28.6 +0.9
FRU1				pmax	pmax	
CHMS	Chumysh	33.95	66	P	P	23 09 29.1 +0.8
KBK	Karagaybulak	34.12	67	P	P	23 09 31.3 +1.4
TKM2	Tokmak 2	34.57	66	P	P	23 09 34.7 +0.8
TKM2	Tokmak 2	34.57	66	iP	P	23 09 33.8 -0.1
NIL	Nilore	34.69	83	P	P	23 09 34.9 +0.1
NIL	Nilore	34.69	83	P	P	23 09 34.9 +0.1
NIL				pmax	pmax	
NIL	Nilore	34.69	83	P	P	23 09 35.9 +1.1
KUU	Kury	35.02	64	eP	P	23 09 37.9 +0.4
KUU	Kury	35.02	64	eP	P	23 09 37.8 +0.4
ULHL	Ulahol	35.12	67	P	P	23 09 40.4 +1.8
TORD	Torodi Ar. Bea	35.22	235	P	P	23 09 40.1 +0.7
TORD				Iamb	Iamb	23 09 41.7
TORD				PcP	PcP	23 12 08.2 0.0
TORD				PcP	PcP	23 09 40.5 +1.1
TORD				PcP	PcP	23 12 08.6 +0.4
TORD				ScP	ScP	23 15 42.7 -1.1
TORD				LR	LR	23 25 22.5
KSH	Kashi	35.35	72	P	P	23 09 39.4 -1.1
KSH				pP	pP	23 10 07.0 +1.7
KSH				PcP	PcP	23 12 08.2 -0.2
KSH				ScP	ScP	23 15 42.8 -1.3
KSH				pmax	pmax	
CHKK	Chushkaly	35.49	64	eP	P	23 09 41.9 +0.3
CHKK	Chushkaly	35.49	64	eP	P	23 09 41.8 +0.3
AAA	Alma-Ata	35.50	65	eP	P	23 09 42.1 +0.4
TNSS	Tian-Shan	35.54	66	eP	P	23 09 42.5 +0.1
TNSS	Tian-Shan	35.54	66	eP	P	23 09 42.5 +0.1
MDOK	Medeo	35.60	66	eP	P	23 09 42.9 +0.2
MDOK	Medeo	35.60	66	eS	S	23 15 11.9 +1.1
MDOK	Medeo	35.60	66	eP	P	23 09 42.8 +0.2
MDOK	Medeo	35.60	66	eS	S	23 15 11.9 +1.1
ARXS	Arharly	36.06	64	eP	P	23 09 46.9 0.0
TARG	Taragay, Kyrgy	36.35	68	P	P	23 09 49.5 +0.2
TARG				Iamb	Iamb	23 09 54.8
TARG				P	P	23 09 49.5 +0.2
TARG				pmax	pmax	
KURBB	Kurchatov Arra	36.40	53	P	P	23 09 49.4 +0.3
KURBB				PcP	PcP	23 12 11.4
KURBB				ScP	ScP	23 15 45.5 -2.1
TDK	Taldyqorghan	36.40	62	eP	P	23 09 49.6 +0.3
TDK	Taldyqorghan	36.40	62	eP	P	23 09 49.6 +0.3
KURK	Kurchatov	36.46	53	P	P	23 09 50.4 +0.7
KURK	Kurchatov	36.46	53	P	P	23 09 49.9 -0.3
KURK	Kurchatov	36.46	53	P	P	23 12 11.4
KURK	Kurchatov	36.46	53	P	P	23 09 50.4 +0.7
KURK	Kurchatov	36.46	53	ScP	ScP	23 15 46.8 -1.0
SATY	Saty	36.60	66	eP	P	23 09 51.4 +0.3
SATY	Saty	36.60	66	eP	P	23 09 51.4 +0.3
ZHN	Zhinshke	36.61	65	eP	P	23 09 51.7 +0.4
ZHN	Zhinshke	36.61	65	eP	P	23 09 51.6 +0.4
ZHN				pmax	pmax	
KPKS	Kokpek	36.75	65	eP	P	23 09 52.8 +0.4
KPKS	Kokpek	36.75	65	eP	P	23 09 52.8 +0.4
UZB	Uzymbulak	37.04	65	eP	P	23 09 55.2 +0.3
UZB				eS	S	23 15 33.8 +1.1
UZB	Uzymbulak	37.04	65	eP	P	23 09 55.1 +0.3
UZB	Uzymbulak	37.04	65	eS	S	23 15 33.7 +1.1
SHLS	Shalkode	37.36	65	eP	P	23 10 00.5 +3.0
SHLS	Shalkode	37.36	65	eP	P	23 10 00.5 +3.0
SHLS	Shalkode	37.36	65	eP	P	23 10 00.5 +3.0
MBAR	Mbarara	37.57	180	LR	LR	23 28 34.7
KMBO	Kilima Mbogo	38.58	169	P	P	23 10 08.3 +0.1
KMBO				pP	pP	23 10 31.3 -0.9
KMBO				PcP	PcP	23 12 19.6 +0.9
KMBO				PcP	PcP	23 12 19.5 +0.9
KMBO				ScP	ScP	23 15 55.8 -0.7
KMBO				LR	LR	23 30 24.6
MAKZ	Makanchi	38.74	59	P	P	23 10 09.8 +0.8
MAKZ	Makanchi	38.74	59	P	P	23 10 09.8 +0.8
MAKZ	Makanchi	38.74	59	iP	P	23 10 09.6 +0.6
MAKZ				PcP	PcP	23 12 18.3 -0.1
MAK31	Makanchi Array	38.96	59	iP	P	23 10 11.3 +0.5
MKAR	Makanchi Array	38.96	59	P	P	23 10 11.3 +0.5
MKAR	Makanchi Array	38.96	59	P	P	23 10 11.5 +0.7
MKAR				PcP	PcP	23 12 19.2 +0.1
MKAR				ScP	ScP	23 15 55.2 -2.2
MKAR				LR	LR	23 29 38.9
PMOZ	Porto Moniz, M	39.11	278	P	P	23 10 10.6 -1.8
HOPEN	Hopen	39.53	358	eP	Iamb	23 10 16.1 +0.9
ZALV	Zalesovo Beam	40.40	48	P	P	23 10 22.4 -0.2
ZALV	Zalesovo Beam	40.40	48	P	P	23 10 22.5 -0.1
ZALV				LR	LR	23 29 07.6
BORG	Borgarnes	41.03	329	P	P	23 10 28.9 +1.3
BORG	Borgarnes	41.03	329	LR	LR	23 28 44.6
BORG	Borgarnes	41.03	329	P	P	23 10 28.9 +1.3
SPB2	Spitsbergen Ar	41.57	356	P	P	23 10 32.4 +0.5
SPB2				Iamb	Iamb	23 10 33.5
SPB3	Spitsbergen Ar	41.57	356	P	P	23 10 31.3 -0.6
SPB3				Iamb	Iamb	23 10 33.6
SPA2	Spitsbergen Ar	41.57	356	P	P	23 10 31.3 -0.6
SPA2				Iamb	Iamb	23 10 33.6

SPA0	Spitsbergen Ar	41.57	356	P	P	23 10 31.9 0.0
SPA0	Spitsbergen Ar	41.57	356	eP	P	23 10 33.4 +1.4
SPA3	Spitsbergen Ar	41.57	356	P	P	23 10 31.6 -0.3
SPB1	Spitsbergen Ar	41.57	356	P	P	23 10 31.8 -0.2
SPB1	Spitsbergen Ar	41.57	356	P	P	23 10 32.0 0.0
SPITS				PcP	PcP	23 12 27.3 +0.3
SPA1	Spitsbergen Ar	41.57	356	P	P	23 10 31.9 0.0
SPB4	Spitsbergen Ar	41.58	356	P	P	23 10 31.8 -0.2
SPB5	Spitsbergen Ar	41.58	356	P	P	23 10 31.7 -0.3
DGZ	Jazzator, Alta	42.14	54	iP	P	23 10 37.6 +0.6
DGZ				pmax	pmax	
KBS	Kingsbay	42.58	355	P	Iamb	23 10 40.1 0.0
KBS				Iamb	Iamb	23 10 41.7
KBS	Kingsbay	42.58	355	P	P	23 10 40.1 0.0
KBS				pmax	pmax	
WMQ	Urumqi	43.15	63	iP	P	23 10 46.1 +0.8
WMQ				pP	pP	23 11 11.3 +0.6
WMQ				pmax	pmax	
WMQ				pmax	pmax	
WMQ				LR	LR	
WMQ				LR	LR	
WMQ				P	P	23 10 46.4 +1.1
SCO	Scorebysund	43.16	337	P	P	23 10 44.2 -0.6
SCO	Scorebysund	43.16	337	P	P	23 10 44.2 -0.6
CMLA	Chad da Macela	44.01	289	P	P	23 10 52.2 +0.1
CMLA				Iamb	Iamb	23 10 56.1
CMLA	Chad da Macela	44.01	289	P	P	23 10 52.2 +0.1
CMLA				pmax	pmax	
NRIK	Noril'sk	44.19	25	P	Iamb	23 10 53.5 +0.5
NRIK				Iamb	Iamb	23 10 54.5
NRIK	Noril'sk	44.19	25	iP	P	23 10 53.8 +0.7
NRIK				pmax	pmax	
DBIC	Dimbokro	44.32	236	P	P	23 10 54.9 +0.2
DBIC				Iamb	Iamb	23 10 56.4
DBIC	Dimbokro	44.32	236	P	P	23 10 55.2 +0.5
DBIC				LR	LR	23 33 37.1
DBIC				LR	LR	
DBIC	Dimbokro	44.32	236	P	P	23 10 55.1 +0.3
DBIC				pP	pP	23 11 21.3 +0.9
DBIC				PcP	PcP	23 12 37.9 +0.7
DAG	Danmarks Havn	45.16	346	Iamb	Iamb	23 11 00.0 -0.6
ANGG	Ammassalik, Gr	47.95	329	iP	P	23 11 23.0 +0.5
ANGG				Iamb	Iamb	23 11 24.7
ISOG	Isortoq, Green	48.50	329	iP	P	23 11 26.6 -0.2
ISOG				Iamb	Iamb	23 11 27.9
SUMG	Summit	48.75	338	P	P	23 11 28.8 -0.3
SUMG				Iamb	Iamb	23 11 31.4
SUMG	Summit	48.75	338	P	P	23 11 28.8 -0.3
SUMG				pmax	pmax	
SUMG	Summit	48.75	338	iP	P	23 11 29.0 -0.2
SUMG				Iamb	Iamb	23 11 30.9
LSA	Lhasa	50.30	80	P	Iamb	23 11 41.8 +0.2
LSA				Iamb	Iamb	23 11 43.1
LSA	Lhasa	50.30	80	P	P	23 11 41.8 +0.2
LSA				pmax	pmax	
MOY	Mondy	50.37	50	eP	P	23 11 42.4 +1.0
MOY				pmax	pmax	
ZAK	Zakamensk	52.07	51	eP	P	23 11 54.5 +0.4
ZAK				pmax	pmax	
LSZ	Lusaka	52.20	183	P	P	23 11 56.4 +1.1
LSZ				Iamb	Iamb	23 11 58.5
LSZ	Lusaka	52.20	183	P	P	23 11 56.4 +1.1
LSZ				pmax	pmax	
LSZ	Lusaka	52.20	183	P	P	23 11 57.4 +2.1
LSZ				pP	pP	23 12 23.8 +2.8
LSZ				PcP	PcP	23 13 07.3 +1.8
IVI	Ivigtut	53.04	324	P	P	23 12 00.9 0.0
IVI	Ivigtut	53.04	324	P	P	23 12 01.1 -0.8
IVI				Iamb	Iamb	23 12 01.8
IVI				P	P	23 12 01.1 +0.2
IVI				P	P	23 12 00.8 -0.3
IVI				P	P	23 12 00.8 -0.3
SFJD	Kangerlussuaq	53.08	331	P	P	23 12 00.8 -0.3
SFJD	Kangerlussuaq	53.08	331	P	P	23 12 00.8 -0.3
SFJD	Kangerlussuaq	53.08	331	iP	P	23 11 59.9 -1.2
SFJD				Iamb	Iamb	23 12 01.7
SFJD	Kangerlussuaq	53.08	331	P	P	23 12 01.1 0.0
GTA	Gaotai	53.10	65	eP	P	23 12 02.2 +0.3
GTA				pP	pP	23 12 25.8 -2.3
GTA				pmax	pmax	
KAAM	Kaadhehdhoo	53.44	123	P	P	23 12 04.9 +0.4
ALE	Alert	53.79	351	P	P	23 12 06.5 +0.3
ALE				pP	pP	23 12 33.5 +1.0
ALE				PcP	PcP	23 13 10.9 +0.4
ALE				iP	iP	23 12 03.9 -4.3
NUUK	Nuuk	54.05	328	Iamb	Iamb	23 12 14.7
PALK	Pallekele	54.23	110	P	P	23 12 10.7 +0.4
PALK				Iamb	Iamb	23 12 29.2
PALK	Pallekele	54.23	110	P	P	23 12 10.7 +0.4
PALK				pmax	pmax	
LUBAN	Lubango	54.26	201	eP	P	23 12 11.8 +1.3
LUBAN				eP	eP	23 14 14.1 +0.4
LUBAN				P	P	23 12 14.1 +0.3
LUBAN				P	P	23 12 14.3 +0.4
SONM	Songino Array	54.77	53	P	P	23 13 15.0 0.0
SONM	Songino Array	54.77	53	P	P	23 13 15.0 0.0
SONM				PcP	PcP	23 13 15.0 -1.9
SONM				ScP	ScP	
SONM				P	P	23 13 17.1 +0.3
SONM				ScP	ScP	23 12 17.3 +0.5
ULN	Ulaanbaatar	55.17	53	P	P	23 12 17.4 +0.6
ULN	Ulaanbaatar	55.17	53	iP	P	

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like C23K, B18K, C24K, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like NACB, FYU, YSS, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like HDA, SDMM, DAWY, etc.

10d 23h

Table with columns: MAJO, Matsushiro, 80.65, 51, P, P, 23 14 56.2 -0.2. Includes entries for MJAR, M26K, M26K, HARP, CUT, L17K, L18K, EYMN, AAM, AAM, AAM, KOTAN, L19K, L19K, L15K, ULM, ULM, ULM, COWI, M24K, M24K, N31M, S57A, L16K, N32M, N32M, YUK3, SKT, SKT, SKT, M19K, N30M, N30M, L14K, M20K, M20K, M20K, O52A, SCM, SCM, SCM, SML, JMM, M23K, M22K, M22K, Q54A, YUK4, N25K, N25K, M18K, M17K, M17K, M17K, YUK8, YUK8, PMR, PMR, PMR, WTLY, WTLY, KLU, KLU, KLU, MCARA, MCARA, SUA, SUA, SUA, WHY, O30N, YUK6, ACSO, M16K, M16K, M14K, M14K, M14K, M14K, M15K, M13K, M13K, M13K, M13K, RC01, RC01, RC01.

2018 SEP

Table with columns: LOGN, Logan Glacier, 82.13, 356, P, P, 23 15 03.9 0.0. Includes entries for O28M, BMRM, BMRM, GDHS, TOAD, GRNC, N19K, N19K, N19K, Q52A, Q52A, GLI, GLI, GLI, CRQM, CRQK, PWL, N18K, N18K, N18K, N16K, ISLE, N17K, N17K, O29M, O29M, V58A, H42A, TABL, P30M, WAX, R33M, EYAK, EYAK, EYAK, MPMO, N15K, N15K, N15K, YAH, YAH, O49A, BIL, RAGM, N14K, P32M, P32M, HMT, HIN, HIN, PCA, MESA, MESA, SNH, BCPM, U56A, U56A, SSFO, SSFO, SUCK, SUCK, SKAG, SKAG, GDU01, O48B, P29M, SEW, SEW, PLBC, KAIM, KAIM, P23K, Q32M, Q32M, Q32M, O17K, O18K, O18K, P49A, P49A, O16K, O16K, I40A, DLBC, DLBC, O14K, O14K, SPMM, W57A, W57A, O15K, U54A, U54A.

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Table with columns: Q23K, Middleton Isla, 83.74, 358, P, P, 23 15 12.0 +0.1. Includes entries for V55A, P17K, BESE, BESE, JFWS, P16K, R50A, S51A, S34M, S34M, S34M, CMCO1, BIRD, Q19K, MCPB, Q18K, S32K, Q20K, F33A, S31K, I37A, Q17K, V53A, T35M, T35M, S32K, P08K, GUA01, WCI, WCI, BG3, KDAD, R17L, SIT, SIT, SIT, W52A, SMTB, U33K, PRPB, ECSD, S14K, SII, CHGN, CLTN, V35K, CRAG, X51A, V48A, P40A, SDPT, JANB, WWT, WWT, WWT, SDDR, CHNA, P38A, EGMT, R40A, PLAL, MGMO, RSSD, RSSD, RSSD, S39A, LCAR, BOAV, BOAV, NEW, BDFB, BDFB, BDFB, MIAR, FLWY, IMW, F10A, FXWY, TPAP, PDAR, PDAR, HAWA, X37A, N23A, N23A, AHID, G08A.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MBWA, Iamb, Iamb, Iamb, 23 20 05.08. Includes stations like WMOAK, BSUT, SDCO, BGU, S22A, etc.

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

IDC 10 23:20:42.6i.0.19.965s:177.88W, h398km, 52km, mb3.6/6, mbmp4.47, Error ellipse: s-maj=25.0km s-min=17.2km az=93.0

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, MBWA, Iamb, Iamb, Iamb, 23 20 05.08. Includes stations like PINNC, DZM, TOZ, URZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MBWA, Iamb, Iamb, Iamb, 23 20 05.08. Includes stations like PSA00, ASAR1, ASAR2, etc.

KRSC 10 23:24:33.8i.2.49.19N:154.79E, h268km, 17km, M4.2 IDC 10 23:24:34.9i.1.8.49.83N:153.05E, h239km, 18km, mb3.2/15, mbmp3.8/19, Error ellipse: s-maj=19.3km s-min=11.0km az=149.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MBWA, Iamb, Iamb, Iamb, 23 20 05.08. Includes stations like SKR, KDR, ASAK, etc.

SKHL 10 23:25:51.4i.0.2.47.00N:152.50E, h62km, 6km, mb4.7/4 MOS 10 23:25:53.3i.1.3.46.97N:151.86E, h67km, mb4.0/3, Error ellipse: s-maj=17.7km s-min=9.9km az=69.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MBWA, Iamb, Iamb, Iamb, 23 20 05.08. Includes stations like KUR, SKR, SKR, etc.

10d 23h

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SHO Shikot, YUK Yuzh-Kuril'sk, KDRTR Khodutka, KAMC, YSS Yuzh-Sakhalins, etc.

2018 SEP

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like C27K Jago River, C27K C27K, C27K comp=N,19um,0.5s, etc.

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Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like J26L Joseph Creek, J26L J26L, J26L comp=N,131nm,0.6s, etc.

NEIC 10 23:37:09.1 to 0.6, 69.58N, 0.05:144.49W, 0.09, h3km, 7km, Error ellipse: s-maj=7.8km s-min=4.3km az=181.0, Moment Tensor Solution, Moment tensor: Scale 10^12Nm; M2: 69; M3: -4.36; M4: 1.67; M5: 0.48; M6: -7.50; M7: -0.21; Fault plane solution: Mb3.43000x10^14 NP1; ...

ISC 10 23:37:09.8 to 0.6, 69.556N, 0.05:144.39W, 0.04, h14km, n159, r150/161, mb3.777, Northern Alaska region

0+109.00000°, 816.00000°, λ-11.00000°.
JMA 11 00:39:57.5, 0.1, 37.8N, 0.3, 141.8E, 0.6, h41km, 1km,
MD3, 7/39, MV3, 9/39, SE OFF MIYAGI PREF
JMA Felt J1 at SE OFF MIYAGI PREF.
ISC 11 00:39:55.0, 2.1, 37.82N, 0.05, 141.89E, 0.10, h26km, 12km,
n35, c094/32, mb3.8/5, 19D, Near east coast of eastern

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Lists seismic stations and their characteristics.

GUC 11 00:49:47.3, 0.4, 45.54S, 77.42W, h15km, MW4.6
NEIC 11 00:49:48.1, 1.5, 45.64S, 0.05, 77.4W, 0.2, h10km, 2km,
mb4.4/18, Error ellipse: s-maj=22.5km s-min=8.0km
az=268.0
ISC 11 00:49:48.9, 1.1, 45.87S, 76.66W, h0km, mb3.7/6,
mbmp3.8/8, ML3.9/2, MS3.9/20, Error ellipse:
s-maj=40.5km s-min=20.4km az=94.0
GCMT 11 00:49:49.1, 0.5, 45.85S, 0.02, 77.66W, 0.03, h25km, 1km,
MW4.9/89, Moment Tensor Solution, s19.c22: s89.c112:
Duration: 0 Moment tensor: Scale 1019Nm; Mr=0.06±.17;
Mw=0.90±.14; Mbb=0.84±.14; Mbc=0.29±.24; Mbb=2.61±.10;
Mbc=0.83±.28; Best double couple: Ms2.88600x1016
NP1=0.350, 0.00000°, 882.00000°, λ-15.00000°. NP2:
0+82.00000°, 875.00000°, λ-172.00000°. Principal axes:
T: 2.8070, Plg5.0000°, Azm37.0000°; N: 0.1590,
Plg173.0000°, Azm144.0000°; P: -2.9650, Plg16.0000°,
Azm305.0000°. nst1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Lists seismic stations and their characteristics.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Lists seismic stations and their characteristics.

IDC 11 00:58:48.3, 0.7, 7.07S, 13.03W, h0km, mb4.2/15,
mbmp4.2/16, ML3.5/1, MS3.5/16, Error ellipse:
s-maj=27.6km s-min=14.9km az=112.0
NEIC 11 00:58:49.3, 1.6, 7.17S, 0.09, 13.06W, 0.07, h10km, 1km,
mb4.7/43, Error ellipse: s-maj=16.0km s-min=10.9km
az=342.0
ISC 11 00:58:49.4, 0.4, 7.12S, 0.07, 13.11W, 0.08, h13km, n99,
c1517/83, mb4.6/51, MS3.6/15, 5C, Ascension Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Lists seismic stations and their characteristics.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Lists seismic stations and their characteristics.

Table with columns: ARPR, Arapgir-MALATY, 66.17 42 P, P, 01 09 37.3 +0.2, 01 09 41.4

Table with columns: KIROV, Kirov, 18.56 357 P, Pn, 01 04 07.0 +3.1, 01 12 33.5

Table with columns: IKOO, Kooshah, 2.35 75 Pn, Pn, 01 03 59.5 +0.8, 01 04 00.1 +0.9

AZER 11 00:59:45.1, 40.08N-51.74E, h58km, mb3.5

KURK Kurchatov, 21.80 52 Iamb, P, 01 04 40.7 +1.6, 01 04 51.9

ISK 11 01:16:57.7, 36.47N-28.75E, h1km, ML2.9/20

Table with columns: GALA, Gala, 0.95 291 P, Op, 01 00 08.1 +1.7, 01 00 23.1 +8.2

Table with columns: MAKZ, Makanchi, 23.15 63 P, P, 01 04 54.1 +0.6, 01 05 01.0

Table with columns: DALY, Dalyan (Mula), 0.34 354 P, Op, 01 17 05.5 +0.4, 01 17 11.6 -1.3

Table with columns: NDR, Nardaran, 1.13 297 Pn, Sn, 01 00 09.4 +0.5, 01 00 31.6 +6.9

Table with columns: SUW, Suwalki, 23.50 316 P, P, 01 04 56.5 -0.3, 01 04 58.2 -1.3

Table with columns: FET, Fethiye, 0.35 62 P, P, 01 17 04.9 -0.3, 01 17 10.4 +0.6

Table with columns: ALIB, Aumilli-Bayram, 1.78 267 Pn, P, 01 00 20.2 +0.7, 01 00 44.0 +0.2

Table with columns: VRAC, Vranov, 26.15 302 LR, Iamb, 01 00 33.5 +5.9, 01 05 24.9 +1.7

Table with columns: MRSB, Marmaris-Mugla, 0.47 301 P, P, 01 17 08.7 -0.5, 01 17 16.6 +0.1

Table with columns: ATGJ, Altighajaj, 1.98 294 Pn, Sn, 01 00 22.2 +1.6, 01 00 50.5 +0.4

Table with columns: ZAAO, Zalesovo Array, 26.43 47 P, P, 01 05 23.9 +0.1, 01 05 29.4

Table with columns: TURN, Turunc, 0.47 310 P, P, 01 17 08.2 -1.1, 01 17 15.8 -0.8

Table with columns: LKRN, Lenkeran, Azer, 2.40 236 Pn, Sn, 01 00 28.8 +1.1, 01 00 58.6 -0.2

Table with columns: ZALV, Zalesovo Beam, 26.43 47 P, P, 01 05 24.1 +0.4, 01 05 26.1 +2.3

Table with columns: CAME, Camel-Denizli, 0.68 46 P, P, 01 17 11.4 0.0, 01 17 21.1 +0.9

Table with columns: IMIL, Ismayilli, 2.50 288 Pn, Sn, 01 00 26.2 -0.2, 01 00 52.1 +2.2

Table with columns: GERES, GERES Array B, 28.00 301 LR, LR, 01 00 28.8 +1.1, 01 00 58.6 -0.2

Table with columns: YER, Yerkesk, 0.74 333 P, P, 01 17 13.2 -0.7, 01 17 24.8 +0.5

Table with columns: YRD, Yardimli, 2.65 245 Pn, Sn, 01 01 04.5 +2.1, 01 00 30.8 +0.8

Table with columns: NOA, NORARS Array B, 32.23 324 P, P, 01 06 15.2 -0.1, 01 06 15.1 -1.9

Table with columns: AKAS, Kas, 0.77 108 P, P, 01 17 12.9 -0.3, 01 17 12.9 -0.3

Table with columns: XNQ, Khinaliq, 2.65 295 Pn, Sn, 01 00 38.0 +0.8, 01 01 07.6 +1.2

Table with columns: BNI, Bardonecchia, 32.93 294 P, P, 01 06 18.8 -2.9, 01 06 27.4

Table with columns: AKAS, Mula-Seydiye, 0.80 62 P, P, 01 17 13.9 +0.2, 01 17 25.7 -0.3

Table with columns: BRDA, Brd, 3.18 275 Pn, Sn, 01 00 38.0 +1.1, 01 01 20.5 -1.7

Table with columns: TAM, Tamnarsset, 42.21 260 P, P, 01 07 41.4 +0.9, 01 07 57.6 +3.3

Table with columns: AKAS, Karpathos, 1.55 234 P, P, 01 17 27.8 -0.1, 01 17 49.1 +0.9

Table with columns: QZK, Qazax, Azerbai, 4.63 284 Pn, Pn, 01 01 52.8 +1.7, 01 00 59.0 -3.8

Table with columns: KIBK, Kibwezi, 43.93 199 P, P, 01 08 40.5, 01 08 40.5

Table with columns: AKUM, Akuntaly-Kumluc, 1.34 66 P, P, 01 17 23.3 +0.6, 01 17 41.6 +1.5

Table with columns: GDB, GEDABAY, 4.30 280 Pn, Sn, 01 01 52.8 +1.7, 01 00 59.0 -3.8

Table with columns: MTE, Manteigas, 44.19 290 P, P, 01 07 55.8 -0.4, 01 31 35.9

Table with columns: AKUM, Akuntaly-Kumluc, 1.34 66 P, P, 01 17 23.3 +0.6, 01 17 41.6 +1.5

Table with columns: GAZ, Gaziantep, 11.41 260 Pn, Pn, 01 02 24.6 -5.4, 01 02 46.0 +0.3

Table with columns: YAK, Yakutsk, 50.31 37 LR, LR, 01 30 08.9, 01 30 08.9

Table with columns: AKUM, Akuntaly-Kumluc, 1.34 66 P, P, 01 17 23.3 +0.6, 01 17 41.6 +1.5

Table with columns: BELG, Belgomroye, 12.57 350 Pn, Pn, 01 05 00.4 -5.6, 01 05 00.4 -5.6

Table with columns: USRK, Ustyeysk Arr, 57.55 57 LR, LR, 01 36 00.2, 01 36 00.2

Table with columns: AKUM, Akuntaly-Kumluc, 1.34 66 P, P, 01 17 23.3 +0.6, 01 17 41.6 +1.5

Table with columns: SIMJ, Simigani, 13.76 90 Pn, Pn, 01 03 02.2 -0.1, 01 03 03.2 -0.6

Table with columns: MA2, Magadan, 60.79 35 LR, LR, 01 39 16.2, 01 39 16.2

Table with columns: AKUM, Akuntaly-Kumluc, 1.34 66 P, P, 01 17 23.3 +0.6, 01 17 41.6 +1.5

Table with columns: BVAO, Borovoye Array, 18.35 39 Pn, Pn, 01 04 02.3 +0.8, 01 07 27.1 +0.6

Table with columns: PETK, Petropavlovsk, 67.59 39 LR, LR, 01 42 35.6, 01 42 35.6

Table with columns: AKUM, Akuntaly-Kumluc, 1.34 66 P, P, 01 17 23.3 +0.6, 01 17 41.6 +1.5

11d 1h

0.2nm,0.4s,baz=119,slow=8.7,SNR=2.9
0.2nm,0.4s
KURBB Kurchatov Arra 62.19 328 P P 01 40 48.2 -0.3

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

TAP 11 01:34:35.6,24:45N,121:89E,h17km,ML3.1,1C-ID,A, Taiwan

Main table for TAP 11 01:34:35.6,24:45N,121:89E,h17km,ML3.1,1C-ID,A, Taiwan. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

2018 SEP

Table for 2018 SEP. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SXI1, TWT, TDCB, etc.

NOU 11 01:45:08.7,22:77S,-171:89E,h0km,ML4.1/8, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table for NOU 11 01:45:08.7,22:77S,-171:89E,h0km,ML4.1/8, Southeast of Loyalty Islands, Southeast of Loyalty Islands. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

KRNET 11 01:46:22.8,0.1,40:55N,77:43E,h22km,mb2.9

SOME 11 01:46:23.4,40:57N,77:47E,h10km
NMC 11 01:46:24.1,40:62N,77:45E,h0km,mb3.6,mpv3.3

Error ellipse: s-maj=4.5km s-min=3.3km az=163.0
ISC 11 01:46:25.4,1.4,40:57N,0:06:77:44E,0.04,h10km,nb1,

-1540/97,29C-11D,Kyrgyzstan-Xinjiang border region

Main table for KRNET 11 01:46:22.8,0.1,40:55N,77:43E,h22km,mb2.9. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

732

Main table for 732. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZHN, KST, ARLS, etc.

KK31 1.1nm,0.6s,baz=108,slow=27,SNR=4.5

IDC 11 01:50:57.2-1.2, 12:21N:143:68E, h0km, mb3.9/7, mbmp3.9/7, Error ellipse: s-maj=33.8km s-min=21.8km az=131.0

NEIC 11 01:51:05.3-1.8, 12:32N:0:07:143:67E:0:09, h52km, 8km, mb4.6/29, Error ellipse: s-maj=13.6km s-min=8.3km az=64.0

ISC 11 01:51:01.2-0.6, 12:24N:0:09:143:76E:0:09, h26km, n47, 1514/2, mb4.5/22, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for GUMO, FITZ, H1S1, H1S12, H1S11, H1S12, H1S11, H1S12, H1S11, H1S12, H1S11, H1S12, H1S11, H1S12.

WBO Warramunga Arr 33.11 196 P Iamb 01 57 35.5 +0.2

WBR2 Warramunga Arr 33.29 196 P Iamb 01 57 38.6 +1.7

WRA Warramunga Arr 33.29 196 P Iamb 01 57 36.3 -0.6

FITZ Fitzroy Crossi 35.05 211 P P 01 57 52.6 +0.5

MA2 Magadan 47.53 5 P P 01 59 34.0 -0.2

PALK Pallekete 62.23 272 P P 02 01 19.4 -1.9

C19K Lookout Ridge 67.09 19 P Iamb 02 01 52.5 +0.4

NEA2 Nenana 69.29 25 P P 02 02 06.6 +0.6

E23K Chandalar 70.07 22 P Iamb 02 02 11.5 +0.7

IL31 Eielson Array 70.25 25 P P 02 02 12.7 +0.9

TOLK Toolik Lake Re 70.26 21 P Iamb 02 02 13.4 +1.5

BVAR Borovoye Array 70.32 322 P Iamb 02 02 12.8 +0.3

E24K Your Creek 70.48 22 P Iamb 02 02 13.2 -0.1

BMAR Burnt Mountain 71.76 23 P P 02 02 21.0 -0.1

K29M Barlow Dome 74.13 27 P Iamb 02 02 36.3 +1.1

G29M Pine Creek 74.20 24 P Iamb 02 02 36.6 +1.2

M30M Niilo, Yorkson 74.36 28 P P 02 02 38.3 +1.8

ABKAR Akbulak array 76.81 318 P P 02 02 50.4 -0.3

YERR Yerington 87.76 51 P Iamb 02 03 49.2 +0.7

ARCES ARCESS Array B 88.83 342 P Iamb 02 03 49.4 +0.5

NVAR Mina Array Bea 86.61 51 P P 02 03 52.9 +1.0

FINES FINESS Array B 91.92 335 P Iamb 02 04 06.2 -1.0

IDC 11 02:03:31.7-1.7, 30:22S:177:66W, h0km, mb3.9/2, mbmp4.0/3, ML3.2/1, Error ellipse: s-maj=56.0km s-min=30.9km az=131.0

NEIC 11 02:03:30.0-0.5, 30:05S:0:06:177:6W:0:2, h10km, 1km, mb4.6/13, Error ellipse: s-maj=32.9km s-min=3.0km az=72.0

ISC 11 02:03:37.9-0.8, 30:10S:0:07:177:8W:0:2, h35km, n28, 1514/2, mb4.5/22, Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for RAO, RAO, URZ, URZ, CTAO, CTAO, ASAR, ASAR, WBR2, WBR2, WRAB, WRAB, WRA, WRA, WRA, WRA, WBO, WBO, CASY, CASY, GSPA, GSPA, JGF, JGF, H03S1, H03S1, H03S3, H03S3.

H03N3 Juan Fernandez baz=237, slow=7.4, SNR=6.7 80.69 123 T T 03 45 20.8

H03N2 Juan Fernandez baz=237, slow=7.4, SNR=6.7 80.70 123 T T 03 45 15.4

PLCA Paso Flores 82.60 133 P P 02 15 58.3 +0.6

INCN Inchon 84.97 319 P P 02 16 10.5 +1.0

KAIM Kayak Island 93.82 16 P Iamb 02 16 51.9 +1.0

PMR Palmer 94.28 13 P P 02 16 53.6 +0.7

S31K Pelican 94.39 21 P P 02 16 52.6 -0.9

FINES FINESS Arr B 144.91 340 PKPbc PKPab 02 23 08.7 -1.1

HFS Hagfors 148.98 349 P Pbc PKPbc 02 23 21.2 -0.3

AKASG Malin Arr B 151.15 323 PKPbc PKPbc 02 23 24.4 -2.6

IDC 11 02:12:01.7-1.6, 10:88N:126:63E, h0km, mb3.7/6, mbmp3.7/6, Error ellipse: s-maj=79.5km s-min=22.1km az=64.0

ISC 11 02:12:07.5-1.8, 10:80N:0:3:126:4E:0:5, h37km, n9, 0:36/6, mb3.8/6, Philippine Islands region

CMAR Chiang Mai Arr 27.61 289 Op P ISC 02 17 51.5 -0.2

WRA Warramunga Arr 31.50 166 P P 02 18 26.2 +0.1

ASAR Alice Springs 35.02 168 P P 02 18 56.5 -0.1

H1N11 WAKE ISLAND Hy 40.00 72 T T 03 02 50.4

H1N12 WAKE ISLAND Hy 40.01 72 T T 03 02 52.6

H1N13 WAKE ISLAND Hy 40.02 72 T T 03 02 57.7

MKAR Makanchi Array 51.71 322 P P 02 21 11.6 +0.5

ZALV Zalesovo Beam 54.25 331 P P 02 21 29.4 -0.2

KURBB Kurchatov Arra 55.74 325 P P 02 21 40.4 0.0

DNK 11 02:17:54.1-1.5, 82:26N:5:98W, h44km, 355km, ML1.3 BER 11 02:17:51.4-3.5, 82:35N:6:54W, h10km, mb(Pn)2.8, ML1.2(DNK), Confirmed Earthquake, North of Svalbard

NOR Nord 1.61 247 e P Pn 02 18 14.3 -5.4

NOR Nord 1.61 247 e P Pn 02 18 14.3 -5.4

NOR Nord 1.61 247 e P Pn 02 18 14.3 -5.4

KBS Kingsbay 4.54 129 P Pn 02 18 57.0 -3.0

FCIAR 11 02:24:38.0-2.0, 82:02N:3:39W, h10km, station ZF12 has station magnitude of 4.00 station OMEGA has station magnitude of 3.80

BER 11 02:24:38.7-2.0, 81:51N:6:08W, h10km, mb(Pn)3.0, ML1.8(DNK), Confirmed Earthquake

DNK 11 02:24:40.9-4.8, 81:53N:6:05W, h36km, 53km, ML1.8 ISC 11 02:24:31.6-1.6, 82:20N:0:09:3:64W:0:07, h10km, n15, 3:13/26, North of Svalbard

NOR Nord 1.94 259 eP Pn 02 25 04.1 -0.3

NOR Nord 1.94 259 iP S Pn 02 25 04.2 -0.3

KBS Kingsbay 4.15 134 eP Pn 02 25 37.7 +2.8

YOJ Yonaguni jima 20.43 1 P P 02 39 44.0 -0.8

FITZ Fitzroy Crossi 22.06 173 P P 02 39 58.9 -0.6

WRAB Tennant Creek 26.29 155 P Iamb 02 40 37.3 +0.2

WRA Warramunga Arr 26.30 155 P P 02 40 36.5 -0.6

WB2 Warramunga Arr 26.30 155 P Iamb 02 40 37.1 0.0

WR0 Warramunga Arr 26.40 154 P P 02 40 37.8 -0.2

AS31 Alice Springs 29.49 159 P P 02 41 05.3 +0.3

MORW Morawa 33.42 191 P Iamb 02 41 36.5 -2.0

BB00 Bucklebo 38.64 162 P P 02 42 21.5 +0.1

SKTA Stephens Creek 39.85 155 LR P LR 03 03 19.4

SOMN Songino Array 45.97 345 P P 02 43 19.7 +0.8

MK31 Makanchi Array 55.20 327 P P 02 44 25.7 -0.3

MKAR Makanchi Array 55.20 327 P P 02 44 25.6 -0.4

KURBB Kurchatov Arra 59.49 329 P P 02 44 54.5 -0.6

KURK Kurchatov 59.50 329 P Iamb 02 44 54.9 -0.2

AMKA Amchitka 66.57 35 P P 02 45 38.4 -2.1

ABKAR Akbulak array 69.52 322 P P 02 45 72.2 -1.3

J29N Klondike Camp 90.39 25 P P 02 47 48.2 +0.7

DJA 11 02:05:00.0-3.8, 5:11E:1:16E, h10km, M4.3/7, mb4.8/1, ML2.4/7, Subarea region

KLNI Mataram 0.17 214 P P 02 40 03.8 -0.4

SRBI Singaraja 0.99 281 P P 02 40 23.4 -0.6

IGBI Denpasar 1.16 243 P Pn 02 40 26.5 -0.7

PLAI Plampang 1.66 109 P S Pn 02 40 34.0 -0.2

JAGJ Jajag, Banyuwa 2.02 264 P P 02 40 38.8 -0.4

WBSI Waikabubak, Su 2.72 270 P Pn 02 40 39.8 +1.1

PWJI Pagerwojo 4.35 273 P Pn 02 41 10.9 -0.3

BKSI Bulukumba 4.88 53 P Pn 02 41 17.7 -0.9

UGM Wanagama 5.62 273 P Pn 02 41 29.3 +0.5

CATAC 11 02:47:03.9-0.8, 9:48N:82:54W, h11km, 5km, ML2.9 UPA 11 02:47:05.2-0.8, 9:37N:82:58W, h10km, 2km, MD3.5, MW3.9

ISC 11 02:47:04.0-5.1, 9:42N:0:05:82:57W:0:04, h13km, 9km, n19, e0:71/34, 1D, Panama-Costa Rica border region

CNIE El Empalme, Bo 0.10 85 eP ISC 02 47 07.9 +0.4

RGMO Gandoca 0.18 349 iP P 02 47 08.9 +0.3

BRU2 Volcan 0.63 191 iP IAML P 02 47 17.1 +0.2

BRU2 Volcan 0.63 191 eP Pn 02 47 17.1 +0.2

LNBO3 Los Naranjos, 0.63 168 eP S Pn 02 47 26.7 +0.5

CHGR2 Aguacate 0.64 138 eP S Pn 02 47 16.0 -0.9

DRKO Durika 0.68 257 iP S Pn 02 47 17.6 -0.2

DRKO Durika 0.68 257 iP P 02 47 17.6 -0.2

BCO2 Palmira 0.69 177 eP S Pn 02 47 18.5 +0.5

PTAR3 Potrerillos Arr 0.72 174 eP S Pn 02 47 18.8 +0.2

CDITO Canoas 0.89 200 iP S Pn 02 47 22.2 +0.4

DVD David 0.98 173 eP P 02 47 23.0 -0.5

LOMA3 Las Lomas, Chi 0.99 170 eP S Pn 02 47 23.2 -0.5

OCHAL Ojochal 1.11 254 eP S Pn 02 47 36.0 -0.7

OCHAL Ojochal 1.11 254 iS S Pn 02 47 41.9 +1.1

PTJ1 Puerto Jimnez 1.13 220 eP S Pn 02 47 25.2 -0.7

PTJM Petrolterminale 1.24 194 eP S Pn 02 47 27.4 -0.2

PIRO Carate, Puerto 1.26 217 iP IAML P 02 47 43.2 -0.5

PIRO Carate, Puerto 1.26 217 eP Pn 02 47 26.6 -1.1

LCR2 La Lucha 2 1.45 283 iP S Pn 02 47 29.5 -1.1

IDC 11 02:53:45.5-1.0, 5:57S:26:89W, h0km, mb3.9/4, mbmp3.8/5, ML3.5/1, Error ellipse: s-maj=42.6km s-min=22.7km az=65.0

NEIC 11 02:53:51.6-1.9, 5:55S:0:1:27:1W:0:3, h36km, 6km, mb4.3/11, Error ellipse: s-maj=23.7km s-min=18.0km az=219.0

ISC 11 02:53:53.4-0.7, 5:56S:0:1:27:2W:0:1, h63km, n29, 1514/2, mb4.2/10, 5C, South Sandwich Islands region

HOPE Hope Point 5.58 284 P P 02 55 12.1 -1.5

VNA1 Neumayer-Stat 18.86 158 P P 02 57 46.5 +0.3

VNA3 Neumayer Oym 17.07 161 P P 02 57 50.0 +1.6

VNA2 Neumayer-Watz 17.27 158 P Pn 02 57 48.9 -1.0

SNA4 Sanae 18.82 156 P Pn 02 58 07.2 -0.5

SNA4 Sanae 18.82 156 P Pn 02 58 08.4 -0.4

SNA4 Sanae 18.82 156 P Pn 02 58 07.6 -1.1

PMSA PMSA 19.94 239 P P 02 58 21.5 -0.3

TROLL Troll, Antarti 20.33 154 P P 02 58 20.4 -3.6

TRQA Torquist 29.27 293 P P 02 59 49.3 -0.1

GSPA South Pole Qui 34.28 180 P P 03 00 35.0 +1.8

GSPA South Pole Qui 34.28 180 P P 03 00 35.2 +2.0

CPUB Villa Florida 36.74 311 P P 03 00 54.0 +2.2

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CO01, AC05, LVC, G001, H10S2, H10S3, H10N1, H10N2, LPAZ, BOAV, OTAV, TORD, ILAR, SONM.

NNC 11 03:34:09.3, 4.2, 36.66N, 70.62E, h67km, 141km, mb3.7, mpm4.0, Error ellipse: s-maj=41.4km s-min=33.2km

ISC 11 03:34:14.5, 3.4, 36.9N, 70.9E, 0.2, h200km, n11, +1942/13, 3C-1D, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AML, UCH, EKS2, KK31, AAK, UHLH, USP, TKM2, AB31.

DJA 11 03:39:27.5, 0.3, 8.5, -6.11E, h42km, 10km, M3.7/8, mb3.9/1, MLV3.6/8, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KLINI, IGBI, PLAI, JAGI, WBSI, KAKI, MGS, NGJ, BASI, BNSI.

IDC 11 03:39:41.7, 1.0, 6.70N, 72.86W, h163km, 12km, mb3.2/4, mbtmp3.8/6, Error ellipse: s-maj=37.5km s-min=8.0km az=132.0

RSNC 11 03:39:44.5, 0.0, 7.1N, 1.7W, h145km, 3km, M3.3, mb3.6, ML3.1

ISC 11 03:39:42.0, 0.8, 6.88N, 0.03, 73.13W, 0.03, h154km, 6km, n4, +1574/82, mb3.2/3, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BARC, BRJC, PAMC, RUSC, OCAC, PUERTO BERRIO, TAMC, ZARC, NORC, CHIC, ROSC, ROSC, ROSC, HELC, CVER, UREC, VILC, PTGC, RECR, NIZA, CBOC, DBBC, ARGC, SDV, SDV, ANIL, APAC.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PRAC, SJCC, ORTC, PLMC, LCBG, YVTC, GUVV, SMRC, CAPC, MACC, URIC, BBAC, TEIG, TXAR, ULM, PDAR, WRA.

TAP 11 03:40:36.7, 24.15N, 121.61E, h4km, ML1.6, 2C-1D, B, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ETL, NACB, TWD, ETHL, HWA, EHP, EAHA, LXIB, ENA, WHF, WHF, NNSB, NNSH, ESL, LATG, CHGB, WARB, WARB, EOSZ, NWLT.

IDC 11 03:41:56.2, 0.8, 33.35S, 178.51W, h0km, mb4.3/6, mbtmp4.3/7, ML4.6/1, MS3.7/9, Error ellipse: s-maj=31.8km s-min=23.9km az=90.0

NEIC 11 03:41:59.1, 1.0, 33.6S, 0.1, 178.64W, 0.05, h10km, 1km, mb4.7/15, Error ellipse: s-maj=20.0km s-min=6.9km az=185.0

WEL 11 03:41:59.2, 0.8, 33.3S, 178.51W, h131km, 30km, M4.6/12, mb5.1/8, ML5.1/13, MLV4.8/12, Mw(MB)4.8/8, Error ellipse: s-maj=0.0km s-min=0.0km az=112.0

ISC 11 03:42:02.2, 0.6, 33.57S, 178.58W, 0.10, h41km, n80, +1946/89, mb4.6/13, MS3.7/8, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RAO, RIZ, RMX, HAZ, HAZ, PUK, PUK, RUGZ, TWGZ, CNCG, MWZ, TKGZ, MWZ, OPRZ, URZ, URZ, URZ, MARZ, RIGZ, PRGZ, MKRZ, SNGZ, MUGZ, MUGZ.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RTZ, MAHIA, TOZ, ARHZ, CKHZ, KAHZ, KRHZ, DVHZ, BFZ, MRZ, MSWZ, PLMZ, NZWZ, TNKZ, CTZ, KHZ, DZM, EIDS, STKA, CTAO, BBOO, AS31, ASAR, ASAR, ASAR, ASAR.

WRO, WB2, WB2, WRAB, WRA, WRA, WRA, WBO, KNRA, FITZ, CASEY, QSPA, QSPA, RPN, KAPI, MAW, SNA, SNA, SNA, JUNU, CLES, PETK, KD, ANMO, CPUP, MKAR, KURBB, BVAR, FINES, MMAI, NB2, NOA, HFS, AKASO, BRTR, TORD.

ISC 11 03:47:25.8, 2.8, 22.12S, 172.78E, h83km, 27km, mb3.9/7, mbtmp4.2/9, MS3.5/9, Error ellipse: s-maj=33.3km s-min=19.3km az=174.0

ISC 11 03:47:22.6, 0.7, 22.6S, 0.1, 172.86E, 0.08, h32km, n45, +0564/32, mb4.5/15, MS3.7/7, SD, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRO, WB2, WRAB, WRA, WRA, WBO, KNRA, FITZ, CASEY, QSPA, QSPA, RPN, KAPI, MAW, SNA, SNA, SNA, JUNU, CLES, PETK, KD, ANMO, CPUP, MKAR, KURBB, BVAR, FINES, MMAI, NB2, NOA, HFS, AKASO, BRTR, TORD, PINNC, ONTNC, DZM, DZM, DZM, MSVF, MSVF, MSVF, URZ, URZ, URZ, WRO, STKA, STKA, ASAR, ASAR, WBO, WBO, WBO, WBO, ARMA, STKA, STKA, WRO, ASAR, WBO, WBO.

11d 4h

Table with columns: AOE/A, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AOE/A, SOE/J, BBOE/L, BBOD/L, LPAZ/P, SIV/S.

IDC 11 04:38:44.2,6.2,20.71'S:68.54'W, h155km, 42km, mb3.3/3, mbmp3.9/5, Error ellipse: s-maj=78.5km s-min=25.7km az=119.0

ISC 11 04:38:40.3,2.4,20.6'S:02.68'W, 0.2, h110km, n6, c322/6, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LVC/L, SIV/S, CPUP/P, PLCA/P, BDFB/P, TORD/P.

NEIC 11 04:40:22.1, 1.6, 5.71'S:0.07:152.24E:0.07, h10km, 1km, mb4.6/55, Error ellipse: s-maj=16.2km s-min=3.6km az=132.0

IDC 11 04:40:30.3,2.7,5.56'S:151.83'E, h78km, 23km, mb4.0/11, mbmp4.4/12, MS3.3/18, Error ellipse: s-maj=23.8km s-min=13.7km az=125.0

ISC 11 04:40:26.9,0.6,5.70'S:0.06:152.07E:0.08, h45km, n106, c1818/89, mb4.5/43, MS3.3/18, New Britain region

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RABL/R, MANU/M, PMG/P, HNR/H, CTA/C, GUMO/G, DZM/D, MTN/M, WRB/W, WR0/W, WRAB/W, WB2/W, WRA/W, WRA/W, WRA/W, KNRA/K, AS31/A, ASAR/A, MSVF/M, FITZ/F, PSAD0/P, JAGI/J, UJRG/U, MORW/M, NWAO/N, JNUO/J, MJAR/M, KRSR/K, RAR/R, NJ2/N, NJ2/N, NJ2/N, ASAJ/A, KLR/K, CMAR/C, CMAR/C, PPT2/P, PZH/P, PZH/P, PETK/P, TBI/T, TBI/T, HHC/H, HHC/H, MA2/M, SONM/S, TAOE/T, RKT/R, K15K/K, Q19Q, J16K/J, J16K/J, J17K/J.

2018 SEP

Main table of station data with columns: CNMP/C, G18K/G, E18K/E, MKAR/M, F19K/F, E19K/E, F20K/F, IMAR/I, ZAAO/Z, ZAAO/Z, ZALV/Z, ZALV/Z, H21K/H, D19K/D, MLY/M, E21K/E, E21K/E, CCB/C, HDA/H, HDA/H, IL31/I, ILAR/I, ILAR/I, E22K/E, J25K/J, J25K/J, E23K/E, E23K/E, G24K/G, G24K/G, KURK/K, KURB/K, D23K/D, D23K/D, M27K/M, M27K/M, QSPA/Q, TOLK/T, TOLK/T, E24K/E, E24K/E, J26L/J, MAW/M, BCAR/B, EGAK/E, EGAK/E, ARSB/A, M29M/M, M29M/M, O30N/O, O30N/O, I28M/I, I28M/I, M30M/M, M30M/M, N31M/N, N31M/N, K29M/K, K29M/K, C27K/C, C27K/C, G29M/G, Q32M/Q, Q32M/Q, KKAR/K, S34M/S, FARO/F, BVAR/B, BVAR/B, YBH/Y, PFK/P, ELKO/E, GERES/G, GERES/G, EKA/E, TORD/T, DBIC/D, DBIC/D.

IDC 11 04:43:24.4,0.7,23.75'N:121.56'E, h0km, mb4.1/17, mbmp4.1/18, ML3.5/1, MS3.3/4, Error ellipse: s-maj=21.0km s-min=15.5km az=70.0

BUI 11 04:43:26.5,0.0,23.83'N:121.54'E, h8km, mb4.0/21, h7km, mb4.4/9, ML4.3/9, MS4.0/19, Ms7.3/9/18

NEIC 11 04:43:26.2, 1.0, 23.84'N:0.02:121.54E:0.01, h7km, 4km, mb4.7/82, Mw4.1/19, Error ellipse: s-maj=2.9km s-min=0.8km az=148.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:1.20; Mw:0.65; Mw:0.55; Mw:0.4; Mw:0.85; Mw:0.61; Fault plane solution: M1:1.5000x10^19, N1:1.2388x10^20, P:2.6000x10^19, 1.07.95000, NP:2.32.14000, 8.9.16000, 1.78.85000; Principal axes: T: 1.3927, P: 0.73.0000, Azm279.0000; N: 0.2180, P: 0.10.0000, Azm43.0000; P: -1.6107, P: 0.13.0000, Azm135.0000;

TAP 11 04:43:26.6, 23.87'N:121.52'E, h10km, ML4.6, B ASIES 11 04:43:26.6, 23.87'N:121.52'E, h10km, ML4.6, Mw4.0, Moment Tensor Solution. Moment tensor: Scale 10^22Nm; Mr:1.31; Mw:0.66; Mw:0.66; Mw:0.45; Mw:0.59; Mw:0.14; Fault plane solution: M1:3.6538x10^22, N1:1.6043x10^23, P:5.6200x10^22, 0.52.05000, 1.109.30000, NP:2.17000, 8.41.91000, 1.67.03000; Principal axes: T: P: 7.73.96500, Azm240.0000; N: P: 1.51.11000, Azm228.27700; P: P: 2.28.24000, Azm138.85800;

NEIC 11 04:43:26.2, 23.84'N:121.54'E, h7km JMA 11 04:43:26.4, 0.1, 23.9N:0.4:12.2E, h8km, 2km, MW3.9/15, TAIWAN REGION

NIED 11 04:43:26.4, 23.86'N:121.56'E, h8km, MW3.9, Moment Tensor Solution. s2 Moment tensor: Scale 10^14Nm; Mr:4.84; Mw:3.95; Mw:2.79; Mw:2.35; Mw:5.01; Mw:1.95; Fault plane solution: M1:3.9000x10^14, N1:1.63.00000, P: 0.57.00000, 8.59.00000, 1.29.00000;

ISC 11 04:43:27.5,0.5,23.86'N:0.01:121.56E:0.01, h16km, 3km,

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Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TEYL/T, SHUL/S, SHUL/S, ESL/S, ESL/S, ETM/T, ETM/T, HWA/H, HWA/H, TEGC/T, TEGC/T, WARBT/W, WARBT/W, LXIB/L, LXIB/L, EGFF/G, EGFF/G, TWD/T, TWD/T, ETL/E, ETL/E, NACB/N, NACB/N, NACB/N, NACB/N, NACB/N, ETLH/E, ETLH/E, OWD/O, OWD/O, HGSD/H, HGSD/H, WHF/W, WHF/W, VWDT/V, VWDT/V, CHGB/C, CHGB/C, EHY/E, EHY/E, EHYH/E, EHYH/E, WUSB/W, WUSB/W, EHP/H, EHP/H, FUSS/F, FUSS/F, EHAH/E, EHAH/E, YULB/Y, YULB/Y, YULB/Y, YULB/Y, TWT/T, TWT/T, TWT/T, TDCB/C, TDCB/C, ECBN/C, ECBN/C, EYUL/Y, EYUL/Y, EYUL/Y, TWF1/T, TWF1/T, TWF1/T, SSSL/S, SSSL/S, SSSL/S, SSSL/S, ENA/EN, ENA/EN, NNSB/N, NNSB/N, NNS/N, NNS/N, EWUT/W, EWUT/W, WCS/W, WCS/W, WYCS/W, WYCS/W, TYC/T, TYC/T, WHYT/W, WHYT/W, CHKH/C, CHKH/C, CHKH/C.

LATG	Datong	0.68 357	P	Pg	04 43 39.5	-1.3	HSN	Hsinchu	1.09 330	eP	Pn	04 43 48.1	0.0	baz=188	TAWH	Dawu Township	1.63 202	eP	Pb	04 43 56.2	-1.1	
LATG			eS	Sg	04 43 47.7	-2.2	HSN			eS	Sb	04 44 01.8	-0.1	baz=191	SCZT	Fanghau	1.71 211	eP	Pb	04 43 57.7	-0.9	
FULB	Fuli	0.70 201	eP	Pb	04 43 40.4	-0.9	WTK	Tuhsi	1.09 261	eP	Pn	04 43 47.8	-0.3	baz=205	SLIU	Shizi	1.78 203	eP	Pn	04 43 55.9	-1.7	
FULB			eS	Sn	04 43 52.8	-0.5	WTK			eS	Sn	04 44 03.9	+1.0	baz=194	LAY	Lan-yu	1.81 180	eP	Pn	04 43 55.5	-2.5	
WHP	Taichung City	0.70 307	P	Pg	04 43 40.2	-1.1	CHY	Chiayi	1.10 251	eP	Pn	04 43 48.1	-0.2	baz=261	PCYT	Pengchaiyu	1.83 15	eP	Pn	04 43 58.7	+0.4	
WHP			eS	Sb	04 43 50.6	-0.4	CHY			eS	Sn	04 44 03.7	+0.4	baz=251	WDGT	Dungji	1.84 252	eP	Pn	04 43 58.5	0.0	
EOS4	EOS4	0.74 69	iP	Pb	04 43 41.8	0.0	NHHD	Xindian Distri	1.10 358	eP	Pb	04 43 48.0	-0.3	baz=357	WDGT			eS	Sn	04 44 21.7	+0.2	
EOS4			eS	Sb	04 43 52.4	+0.8	NHHD			eS	Sg	04 43 59.9	-3.4	baz=75	LYUB	Lan-yu	1.84 179	eP	Pn	04 43 54.8	-3.7	
NDT	Datong Townshi	0.74 357	P	Pg	04 43 41.1	-1.0	TATO	Taipei	1.12 357	eP	Pg	04 43 47.7	-1.4	baz=357	PHUB	Peng-hu	1.85 260	eP	Pn	04 43 57.3	-1.4	
NDT			S	Sg	04 43 50.1	-1.8	TATO			Sg	Pg	04 44 01.7	-2.1	baz=168	PHUB			S	Sb	04 44 23.2	-0.9	
ESAO	Su ao	0.76 20	P	Pg	04 43 41.0	-1.3	TWA	Mucha	1.12 1	eP	Pg	04 43 48.0	-1.1	baz=260	PNG	Penghu	1.86 262	eP	Pn	04 43 59.0	+0.2	
ESAO			eS	Sg	04 43 50.8	-1.6	TWA			eS	Sg	04 44 01.0	-2.8	baz=262	PNG			eS	Sb	04 44 23.0	-1.1	
WJS	Zhushan	0.76 268	eP	Pb	04 43 41.8	-0.7	TWG	Pinlang	1.12 204	eP	Pg	04 43 45.5	-3.7	baz=201	HEN	Hengchun	1.99 203	eP	Pb	04 44 02.3	-1.1	
WJS			S	Sb	04 43 52.2	-0.4	TWG			Sg	Sg	04 44 01.5	-2.4	baz=201	HEN			eS	Sn	04 44 24.9	-0.3	
ALS	Alisan	0.77 244	P	Pb	04 43 41.9	-0.9	TWG	Pinlang	1.12 204	eP	Pg	04 44 01.5	-2.4	baz=201	TWKBT	Hengchun	2.03 200	eP	Pn	04 43 59.8	-1.3	
ALS			S	Sg	04 43 51.4	-1.5	TWG			Sg	Pg	04 43 46.4	-2.8	baz=188	IRIF	Iriomote-Funau	2.04 76	P	Pn	04 44 00.9	-0.3	
CHKT	Chengkung	0.77 194	eP	Pg	04 43 41.6	-1.0	TWG	Beinan	1.12 203	P	Pg	04 43 46.3	-2.9	baz=190	HATJ	Hateruma jima	2.06 84	eP	Pn	04 44 01.0	-0.5	
CHKT			eS	Sb	04 43 53.3	+0.4	TWG			S	Pg	04 43 47.6	-1.9	baz=302	VWUC	WVUC	2.23 301	eP	Pn	04 44 02.2	-1.3	
EHTD	Haiduan	0.78 205	iP	Pg	04 43 41.4	-1.2	TWK			S	Pn	04 43 49.5	+0.5	baz=10.0	JKRS	Kuro-shima	2.27 80	P	Pn	04 44 04.8	+0.4	
ENTH	Nioudou	0.78 0	P	Pg	04 43 41.7	-1.1	TWK			S	Sn	04 44 05.0	+0.6	baz=239	JKRS			eS	Sn	04 44 32.6	+0.5	
ENTT			eS	Sg	04 43 51.4	-1.7	CHN1	Nanshi	1.16 235	eP	Sn	04 43 49.3	+0.2	baz=236	JJ	Ishigaki jima	2.41 77	P	Pn	04 44 05.7	-0.6	
NDS	Dongshan	0.79 10	P	Pg	04 43 41.7	-1.1	CHN1			iS	Sn	04 44 05.4	+0.6	baz=236	JISG	Ishigakijimahi	2.61 73	P	Pn	04 44 08.5	-0.7	
NDS			eS	Sg	04 43 51.5	-1.8	NCUH	Zhongli	1.16 343	eP	Pn	04 43 49.3	+0.1	baz=341	JISG			eS	Sn	04 44 04.0	-1.1	
TWC	Suao	0.80 19	P	Pg	04 43 41.9	-1.1	NCUH			eS	Sn	04 44 05.8	+1.1	baz=341	MATB	Ma-tsu	2.72 328	eP	Pn	04 44 02.1	-1.3	
TWC			eS	Sg	04 43 52.8	-0.7	TTN	Taitung	1.16 199	eP	Pn	04 43 49.9	+0.8	baz=199	QZH	Quanzhou	2.92 292	Pn	Pn	04 44 12.4	-0.9	
WNT	Mingjian	0.80 272	eP	Pb	04 43 42.8	-0.3	SNST	Tainan City	1.16 237	iP	Pn	04 43 49.7	+0.5	baz=238	QZH			smax	smax	04 44 46.2	-1.8	
WNT			S	Sb	04 43 53.5	-0.2	SNST			eS	Sn	04 44 05.6	+0.9	baz=238	QZH	comp=N,740nm,0.8s						
EOS3	EOS3	0.81 58	eP	Pn	04 43 43.8	-0.5	WTCT	Ta-ch'eng	1.17 271	eP	Pn	04 43 50.1	+0.8	baz=270	QZH	comp=E,720nm,1.0s			LR	LR		
ECS	Chishang	0.82 203	eP	Pb	04 43 42.9	-0.5	WTCT			eS	Sn	04 44 05.4	+0.4	baz=270	QZH	comp=N,2um,10.1s			LR	LR		
ECS			eS	Sn	04 43 55.4	-0.9	LDUT	Ludao	1.18 184	P	Pb	04 43 46.9	-2.6	baz=207	QZH	comp=E,2um,9.5s			LR	LR		
YHNB	Yeheng	0.83 348		Pg	04 43 42.4	-1.3	LDUT			eS	Sg	04 44 03.2	-2.5	baz=207	KNMB	Chin-men Tao	2.96 282	Pn	Pn	04 44 13.4	-0.5	
YHNB			Sg	Pg	04 43 52.3	-2.3	TAP	Taipei	1.18 358	eP	Pn	04 43 49.9	+0.5	baz=207	KNMB	Chin-men Tao	2.96 282	eP	Pn	04 44 13.1	-0.8	
YHNB	Yeheng	0.83 348	P	Pg	04 43 42.9	-0.7	TAP			eS	Sg	04 44 04.3	-1.4	baz=356	JTJ	Tama	2.97 74	P	Pn	04 44 13.7	-0.3	
YHNB			iS	Pb	04 43 42.5	-1.2	SGST	Jiashian	1.18 230	P	Pb	04 43 48.9	-0.7	baz=356	LYJJ	Jianjiangzhen	3.14 329	eP	Pn	04 44 14.9	-1.4	
ELDTW	Lidau	0.83 217	eP	Pg	04 43 41.7	-1.9	SGST			iS	Sn	04 44 05.6	+0.3	baz=231	MHZQ	Yeshan	3.21 315	eP	Pn	04 44 16.0	-1.2	
ELDTW			iS	Sg	04 43 53.1	-1.6	SLGT	Lidau	1.20 225	P	Pn	04 43 49.5	-0.2	baz=231	ZPLA	Ao Xicun	3.49 272	eP	Pn	04 44 20.9	-0.3	
EOS2	EOS2	0.83 47	eP	Pn	04 43 44.5	0.0	SLGT			S	Sn	04 44 06.4	+0.7	baz=273	JOW	Kunigami	6.76 63	Pn	Pn	04 45 04.9	-1.2	
TCU	Taichung	0.86 290	eP	Pn	04 43 44.3	-0.7	TWB1	Santiao Chiao	1.21 19	P	Pb	04 43 49.6	-0.5	baz=226	JOW	Kunigami	6.76 63	P	Pn	04 45 05.0	-1.1	
TCU			eS	Sn	04 43 56.8	-0.5	TWB1			iS	Sb	04 44 05.2	-0.3	baz=9.0	NJ2	Nanjing	8.51 344	eP	Sm	04 45 29.3	-0.8	
TWE	Neicheng	0.87 6	iP	Pg	04 43 43.1	-1.3	WFSB	Wu-fen Shan	1.23 9	eP	Pn	04 43 49.9	-0.2	baz=7.0	NJ2			pmax	pmax	04 47 01.2	-4.6	
TWE			S	Sg	04 43 54.5	-1.3	WFSB			S	Sb	04 44 04.7	-1.3	baz=260	NJ2	comp=N,89nm,0.9s			smax	smax		
TWQ1	Liyutan	0.87 304	P	Pb	04 43 43.8	-0.5	WSF	Szhu	1.25 260	eP	Pg	04 43 51.5	0.0	baz=260	NJ2	comp=E,80nm,0.9s			LR	LR		
TWQ1			eS	Sg	04 43 54.1	-1.8	WSF			eS	Sn	04 44 08.2	+1.4	baz=260	NJ2	comp=N,570nm,9.5s			LR	LR		
NFF	Wufeng Townshi	0.87 332	P	Pg	04 43 43.3	-1.1	TWS1	Kuangyinshan	1.25 354	P	Pn	04 43 49.8	-0.5	baz=260	QIZ	Qiongzong	11.92 248	P	Pn	04 46 16.9	0.0	
NFF			eS	Sg	04 43 52.8	-3.2	TWS1			eS	Sn	04 44 07.8	+1.0	baz=352	QIZ			S	Sn	04 48 31.2	+1.5	
FUSB	Fushanzhiwuyua	0.90 1	P	Pg	04 43 43.8	-1.2	SXI1	Grass Mountain	1.27 13	eP	Pn	04 43 50.4	-0.3	baz=2.0	QIZ	comp=N,150nm,10.2s			LR	LR		
FUSB			eS	Sg	04 43 55.5	-1.4	SXI1			eS	Pb	04 44 06.8	-0.4	baz=160nm,10.5s	QIZ	comp=E,160nm,10.5s			LR	LR		
EDH	Donghe	0.91 195	eP	Pg	04 43 44.1	-1.1	WSL	Shulin Townsh	1.27 255	eP	Sb	04 43 51.0	-0.9	baz=170nm,13.6s	KSR5	Korea Array	14.61 20	Pn	Pn	04 46 56.6	+3.0	
EDH			eS	Sb	04 43 56.6	-0.2	WSL			iS	Sn	04 44 09.4	+2.1	baz=201,slow=12,SNR=31	KS19	Wonju Array	14.64 20	Pn	Pn	04 46 54.3	+0.3	
NSY	Sanyi	0.92 308	eP	Pn	04 43 45.0	-0.8	ICHU	Yijhu	1.27 248	eP	Pg	04 43 51.4	-0.7	baz=268	HNS	HongShan	14.72 338	P	S	04 47 03.0	+1.8	
NSY			eS	Sb	04 43 57.2	0.0	ICHU			eS	Sn	04 44 09.8	+2.3	baz=248	HNS			pmax	pmax	04 49 55.9	-0.8	
NWLT	Wulai	0.92 357	P	Pg	04 43 44.1	-1.2	YM01	YM01	1.29 0	eP	Pn	04 43 50.1	-0.8	baz=248	HNS	comp=Z,8.0nm,1.1s			LR	LR		
NWLT			eS	Sg	04 43 54.8	-2.6	TNOU	National Taiwa	1.30 8	eP	Pn	04 43 51.1	0.0	baz=1.0	HNS	comp=N,290nm,11.2s			LR	LR		
ILA	ilan	0.92 11	iP	Pg	04 43 44.5	-0.9	TNOU			eS	Sb	04 44 06.9	-1.3	baz=12	HNS	comp=E,330nm,10.8s			LR	LR		
ILA			eS	Sg	04 43 56.8	-0.7	NTST	Danshui	1.31 356	P	Pg	04 43 51.9	-0.8	baz=12	HNS	comp=Z,370nm,11.9s			S	Pn	04 46 59.0	0.0
NSTT	Nanjuang	0.93 327	P	Pb	04 43 44.6	-0.7	NTST			iS	Sn	04 44 09.8	+1.5	baz=7.0	XAN	Xi'an	15.00 315	eP	Sn	04 49 47.5	+2.6	
NSTT			S	Sg	04 43 56.1	-1.6	ANP	Anpu	1.33 358	eP	Pb	04 43 51.6	-0.5	baz=7.0	XAN			LR	LR			
WGK	Gukeng	0.93 260	P	Pn	04 43 45.5	-0.5	YM08	YM08	1.33 1	eP	Pn	04 43 50.1	-1.4	baz=360	XAN	comp=Z,400nm,8.6s			LR	LR		
WGK			iS	Sn	04 43 59.1	+0.1	CHN8	Yiju	1.34 248	eP	Pb	04 43 51.6	-0.6	baz=2.0	XAN	comp=Z,460nm,9.2s			LR	LR		
LI0B	Emei	0.93 328	P	Pb	04 43 44.8	-0.5	CHN8			eS	Pg	04 44 10.8	+0.1	baz=243	PZH	PanZhihua	18.13 282	P	P	04 47 40.3	+1.1	
LI0B			eS	Sb	04 43 57.3	-0.2	CHN3	Shinhua	1.34 235	eP	Sg	04 43 53.9	+0.5	baz=243	PZH			S	Sn	04 51 01.6	+0.5	
WDLH	Douliu	0.95 260	P	Pn	04 43 45.9	-0.3	CHN3			eS	Sg	04 44 11.7	+0.7	baz=243	PZH	comp=Z,20nm,0.8s			pmax	pmax		
WDLH			S	Sn	04 43 60.0	+0.4	ECL	Taimali	1.37 204	eP	Pn	04 43 49.9	-2.1	baz=236	PZH	comp=Z,100nm,4.1s			LR	LR		
WCKO	Fanlu	0.97 245	eP	Pn	04 43 46.1	-0.4	SSHA	Shanhua	1.37 239	eP	Pg	04 43 53.6	-0.3	baz=190	PZH	comp=Z,230nm,13.3s			LR	LR		
WCKO			eS	Sb	04 43 58.6	0.0	SCST	Cishan	1.38 226	eP	Pg	04 43 54.2	+0.2	baz=240	PZH	comp=Z,280nm,10.0s			LR	LR		
WDJ	Dajia District	0.97 300	P	Pn	04 43 46.5	0.0	SCST			iS	Sg	04 44 13.1	+1.2	baz=229								

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comp=Z,4,1nm,0.7s,baz=210,slow=8.3,SNR=7.0							
GTA	Gaotai	24.06 315	eP	P	P	04 48 41.4	-0.9
GTA			pP	sp	P	04 48 46.2	-2.8
GTA			pmax	pmax	P		
GTA			LR	LR	P		
GTA			LR	LR	P		
JKA	Kamikawa-asahi	26.56 35	P	Iamb	P	04 49 04.9	+0.2
JKA					P	04 49 05.5	
SOMN	Songino Array	26.80 337	P	P	P	04 49 08.3	+1.3
SOMN	Songino Array	26.80 337	P	P	P	04 49 07.6	+0.6
SOMN			LR	LR	P	05 00 17.5	
MK31	Makanchi Array	38.81 316	P	P	P	04 50 53.1	+1.4
MKAR	Makanchi Array	38.81 316	P	P	P	04 50 50.7	-1.0
MKAR					P	04 50 51.6	0.0
PETK	Petrovavovsk	39.95 34	P	P	P	04 51 00.7	-0.3
ZALV	Zalesovo Beam	40.71 327	P	P	P	04 51 06.0	-1.3
ZALV	Zalesovo Beam	40.71 327	P	P	P	04 51 06.3	+0.9
ZALV			LR	LR	P	05 09 37.7	
H11N1	WAKE ISLAND Hy 42.16	87	T	T	T	05 36 24.5	
H11N2	WAKE ISLAND Hy 42.16	87	T	T	T	05 36 25.1	
H11N3	WAKE ISLAND Hy 42.18	87	T	T	T	05 36 25.0	
H11S3	WAKE ISLAND Hy 42.28	88	T	T	T	05 36 24.0	
H11S1	WAKE ISLAND Hy 42.28	88	T	T	T	05 36 28.2	
H11S2	WAKE ISLAND Hy 42.30	88	T	T	T	05 36 26.2	
KURBB	Kurchatov Arra	42.58 320	P	P	P	04 51 22.1	-0.6
MBWA	Marble Bar	44.78 182	P	P	P	04 51 37.7	-2.9
MBWA			Iamb	Iamb	P	04 51 42.3	
WB0	Warramunga Arr	45.13 163	P	P	P	04 51 41.0	-2.4
WB0			Iamb	Iamb	P	04 51 48.3	
PSA00	Pilbara Seismi	45.19 182	P	P	P	04 51 42.5	-1.3
PSA00			Iamb	Iamb	P	04 51 48.3	
WRA	Warramunga Arr	45.28 163	P	P	P	04 51 43.4	-1.2
WRA	Warramunga Arr	45.28 163	P	P	P	04 51 42.6	-2.1
WB2	Warramunga Arr	45.28 163	P	P	P	04 51 43.4	-1.3
WR0	Warramunga Arr	45.35 163	P	P	P	04 51 43.7	-1.5
WR0			Iamb	Iamb	P	04 51 46.0	
TIXI	Tiksi	48.00 3	LR	LR	LR	05 13 35.0	
BVAR	Borovoye Array	48.15 321	P	P	P	04 52 07.4	+0.6
ASAR	Alice Springs	48.75 165	P	P	P	04 52 10.7	-0.9
ABKAR	Abkulak array	53.92 314	P	P	P	04 52 50.0	+0.3
GAMB	Gambell	56.60 29	P	P	P	04 53 23.1	-0.3
STKA	Stephens Creek	58.64 160	P	P	P	04 53 22.6	-1.4
ANM	Nome	61.45 28	P	P	P	04 53 43.0	0.0
K13K	Kusilvak Mount	61.62 31	P	P	P	04 53 43.9	-0.2
F15K	North Star Dit	61.84 27	P	P	P	04 53 45.8	+0.2
G15K	Niukluk	62.05 28	P	P	P	04 53 46.8	-0.2
J14K	Nanvaranak Lak	62.17 30	P	P	P	04 53 47.9	+0.2
L14K	Kuka Creek	62.55 32	P	P	P	04 53 50.7	+0.3
L14K			Iamb	Iamb	P	04 53 52.0	
L14K	Kuka Creek	62.55 32	P	P	P	04 53 50.7	+0.3
D17K	Noatak River	62.61 25	P	P	P	04 53 50.5	-0.1
G16K	Koyuk River	62.78 27	P	P	P	04 53 51.9	+0.1
G16K			Iamb	Iamb	P	04 53 53.0	
G16K	Koyuk River	62.78 27	P	P	P	04 53 51.7	-0.2
H16K	Elim	62.81 28	P	P	P	04 53 52.3	+0.3
M14K	Bethel	62.91 32	P	P	P	04 53 52.8	0.0
K15K	Wolf Creek Mou	63.10 31	P	P	P	04 53 53.8	-0.3
B18K	Kokolik River	63.19 23	P	P	P	04 53 54.6	+0.1
F17K	Baldwin Pennin	63.27 26	P	P	P	04 53 55.0	0.0
C18K	Utukuk River	63.37 24	P	P	P	04 53 56.3	+0.4
I17K	Unalakleet	63.47 29	P	P	P	04 53 56.8	+0.4
G17K	Kiwalik Mounta	63.49 27	P	P	P	04 53 57.0	+0.4
J16K	Anvik River	63.52 30	P	P	P	04 53 56.7	-0.1
M15K	Kasigluk River	63.53 32	P	P	P	04 53 57.1	+0.2
E18K	Tukpahlearik C	63.55 25	P	P	P	04 53 57.7	+0.7
H17K	Granite Mounta	63.80 28	P	P	P	04 53 58.5	-0.2
H17K			Iamb	Iamb	P	04 53 59.9	
H17K	Granite Mounta	63.80 28	P	P	P	04 53 59.3	+0.6
N15K	Kwethluk River	63.85 33	P	P	P	04 53 59.1	0.0
F18K	Selawik	63.91 26	P	P	P	04 53 59.4	+0.1
SDPT	Sand Point	63.95 38	P	P	P	04 53 59.8	0.0
C19K	Lookout Ridge	63.97 23	P	P	P	04 53 60.0	+0.2
O15K	Ungalikthiuk R	64.03 34	P	P	P	04 53 59.7	-0.5
L16K	Owhat River	64.08 31	P	P	P	04 54 00.8	+0.3
J17K	VABM Dome	64.20 29	P	P	P	04 54 01.7	+0.3
J17K			Iamb	Iamb	P	04 54 03.0	
J17K	VABM Dome	64.20 29	P	P	P	04 54 01.6	+0.3
G18K	Tagagawik	64.32 27	P	P	P	04 54 02.3	+0.2
M16K	Timber Creek	64.36 32	P	P	P	04 54 02.7	+0.3
S14K	Fog Glacier	64.39 37	P	P	P	04 54 03.2	-0.5
H18K	Honhosa River	64.46 27	P	P	P	04 54 02.7	-0.3
N16K	Nishilik Lake	64.49 33	P	P	P	04 54 03.7	+0.5
D19K	Kuna River	64.50 24	P	P	P	04 54 02.4	-0.8
D19K			Iamb	Iamb	P	04 54 08.4	
D19K	Kuna River	64.50 24	P	P	P	04 54 03.3	+0.1
K17K	Iditarod	64.58 30	P	P	P	04 54 03.8	-0.1
K17K			Iamb	Iamb	P	04 54 05.6	
K17K	Iditarod	64.58 30	P	P	P	04 54 03.9	+0.1
L17K	Donlin	64.62 31	P	P	P	04 54 04.8	+0.7

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F19K	Shalericuk Mo	64.65 26	P	P	P	04 54 04.1	-0.1
B20K	Meade River	64.83 22	P	P	P	04 54 04.9	-0.4
E19K	Redstone River	64.85 25	P	P	P	04 54 05.2	-0.3
G19K	Purcell Mounta	64.95 26	P	P	P	04 54 06.2	0.0
A21K	Barrow	65.00 21	P	P	P	04 54 06.1	-0.2
CHGN	Chignik	65.02 37	P	P	P	04 54 06.6	-0.1
D20K	Etah River	65.04 23	P	P	P	04 54 06.4	-0.3
M17K	Holinta River	65.07 32	P	P	P	04 54 06.6	-0.4
E20K	Nig River	65.22 24	P	P	P	04 54 07.7	-0.3
H19K	Roundabout Mou	65.24 27	P	P	P	04 54 08.4	+0.3
H19K			Iamb	Iamb	P	04 54 09.8	
H19K	Roundabout Mou	65.24 27	P	P	P	04 54 08.2	+0.1
J18K	Innoko River	65.26 29	P	P	P	04 54 08.7	+0.5
N17K	Nushagak Hills	65.27 33	P	P	P	04 54 08.3	0.0
R16K	Pilot Point	65.35 36	P	P	P	04 54 08.9	0.0
L18K	Granite Mounta	65.36 31	P	P	P	04 54 08.5	-0.4
O17K	Koiganek Bris	65.38 33	P	P	P	04 54 09.0	-0.1
F20K	Avaraat Lake	65.45 25	P	P	P	04 54 09.4	0.0
A22K	Sinclair Lake	65.54 21	P	P	P	04 54 09.0	-0.8
C21K	Knifeblade Rid	65.69 23	P	P	P	04 54 10.9	0.0
J19K	Poorman	65.70 29	P	P	P	04 54 10.9	-0.2
J19K			Iamb	Iamb	P	04 54 12.7	
J19K	Poorman	65.70 29	P	P	P	04 54 10.9	-0.2
B21K	Ikpikuk River	65.72 22	P	P	P	04 54 11.3	+0.2
P17K	Kvichak River	65.77 34	P	P	P	04 54 11.6	0.0
M18K	Stony River	65.84 31	P	P	P	04 54 11.9	-0.1
H20K	Anotleneega Mo	65.90 27	P	P	P	04 54 12.3	-0.1
E21K	Killik River	66.03 24	P	P	P	04 54 12.4	-0.8
E21K			Iamb	Iamb	P	04 54 14.2	
E21K	Killik River	66.03 24	P	P	P	04 54 13.4	+0.3
I20K	Naagdeneel	66.13 28	P	P	P	04 54 14.8	+1.0
I20K	Naagdeneel	66.13 28	P	P	P	04 54 13.9	+0.1
L19K	White Mountain	66.22 31	P	P	P	04 54 14.6	0.0
L19K			Iamb	Iamb	P	04 54 18.5	
L19K	White Mountain	66.22 31	P	P	P	04 54 15.1	+0.6
F21K	Alatna River	66.31 25	P	P	P	04 54 15.7	+0.7
O18K	Kokulik Hills	66.32 33	P	P	P	04 54 15.1	0.0
J20K	Nowinta River	66.33 28	P	P	P	04 54 15.3	+0.2
J20K	Nowinta River	66.33 28	P	P	P	04 54 15.2	+0.1
P18K	Big Mountain,	66.36 34	P	P	P	04 54 15.3	-0.2
G21K	Allakaket	66.37 26	P	P	P	04 54 15.1	-0.2
G21K			Iamb	Iamb	P	04 54 18.2	
G21K	Allakaket	66.37 26	P	P	P	04 54 15.4	+0.1
K20K	Telida	66.45 29	P	P	P	04 54 16.0	+0.1
K20K			P	P	P	04 54 15.8	-0.1
D22K	Ayilyak River	66.46 23	P	P	P	04 54 15.8	-0.1
D22K	Ayilyak River	66.46 23	P	P	P	04 54 16.1	+0.2
M19K	Big River Lodg	66.47 31	P	P	P	04 54 16.9	+0.8
M19K			Iamb	Iamb	P	04 54 17.2	
M19K	Big River Lodg	66.47 31	P	P	P	04 54 16.2	+0.1
N19K	Bananza Creek	66.56 32	P	P	P	04 54 16.6	-0.1
Q18K	Katmai Hardscr	66.57 34	P	P	P	04 54 16.8	-0.1
L20K	Farewell, AK	66.64 30	P	P	P	04 54 17.0	-0.1
H21K	Melozitna Rive	66.74 27	P	P	P	04 54 17.6	-0.1
H21K			Iamb	Iamb	P	04 54 19.0	
H21K	Melozitna Rive	66.74 27	P	P	P	04 54 17.7	-0.1
F22K	John River	66.78 25	P	P	P	04 54 17.6	-0.4
E22K	Anaktuvuk Pass	66.86 24	P	P	P	04 54 19.1	+0.6
E22K			Iamb	Iamb	P	04 54 19.9	
E22K	Anaktuvuk Pass	66.86 24	P	P	P	04 54 17.8	-0.7
R18K	Karluk	67.02 36	P	P	P	04 54 19.0	-0.6
M20K	Styx River	67.07 31	P	P	P	04 54 20.0	0.0
M20K			Iamb	Iamb	P	04 54 21.4	
M20K	Styx River	67.07 31	P	P	P	04 54 19.5	-0.5
C23K	Ikilik River	67.09 22	P	P	P	04 54 20.3	+0.5
G22K	Bettles	67.11 25	P	P	P		

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like E29M Blow River, MCARA McCarty VSAT, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like NUBE Las Nubes, NUBE Las Nubes, CEVE Cerro Verde, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like AFAD 11 05:11:57.4,0.0,36.42N,28.72E, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMTH, BRTR, BRTR, SLUM, HNTI, etc.

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

NIED 11 05:25:56.2, 32.10N, 131.89E, h24km, MW4.0, Moment Tensor Solution. s3 Moment tensor. Scale 10^15 Nm;

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMA, JMA, JMA, JMA, etc.

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

IKRK Kirkuq comp=N, 6.2nm, 1.0s

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, BRTR Keskin Array B, AKASG Malin Array Be, etc.

IDC 11 07:41:29.3±1.53:51N:90.72E, h0km, mbtmp 3.5/3, ML3.1/3, Error ellipse: s-maj=26.6km s-min=21.2km az=60.0

NMC 11 07:41:35.3±3.153:21N:90.25E, h4km, 17km, mb3.3, mpv3.0, Error ellipse: s-maj=18.9km s-min=15.9km az=82.0, Suspected Mining explosion.

ISC 11 07:41:34.0±1.533±0.1:90.4±0.2, h0km, n9, s18/10, 3C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalevovo Array, ZALV Zalevovo Beam, etc.

IDC 11 07:51:08.7±1.2, 36:16S:97.28W, h0km, mb3.7/6, mbtmp 3.6/6, MS3.8/26, Error ellipse: s-maj=37.9km s-min=26.6km az=82.0

NEIC 11 07:51:09.7±1.8, 36:10S:0.05:97.5W:0.2, h10km, 2km, mb4.4/19, Error ellipse: s-maj=33.9km s-min=7.2km az=280.0

GCMT 11 07:51:12.7±0.3, 36:38S:0.02:97.09W:0.02, h18km, 1km, MW4.9/101, Moment Tensor Solution. s24, c28; s101, c136; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=0.19±.10; Mw=0.06±.08; Mbb=0.25±.08; Mw=0.19±.18; Mbb=2.40±.07; Mbb=0.08±.18; Best double couple: M2=413000*10^16 Np1=27200000*δ89.000000, λ176.000000, NP2=6200000*δ86.000000, λ1.000000. Principal axes: T=2.5140, P1g=0.0000, Azm=227.0000, N=0.2030, P1g5=0.0000, Azm7=0.0000, P=2.3120, P1g2=0.0000, Azm31=7.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 11 07:51:10.1±1.36:15S:0.1:97.3W:0.2, h10km, n72, s18/18, mb4.2/13, MS3.9/26, 4C, West Chile Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, H03S3 Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LPAZ La Paz, LPZA La Paz, etc.

IDC 11 07:52:17.8±5.7, 4.98S:133.08E, h0km, mb3.5/1, mbtmp 3.6/3, ML3.5/2, MS3.1/1, Error ellipse: s-maj=341.6km s-min=33.0km az=76.0, Irian Jaya region

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

IDC 11 07:54:39.5±4.5, 4.78S:151.23E, h98km, 26km, mb3.9/4, mbtmp 4.2/5, Error ellipse: s-maj=58.3km s-min=36.5km az=135.0

NEIC 11 07:54:43.3±0.6, 4.9S:0.1:151.5E:0.1, h131km, 6km, mb4.2/18, Error ellipse: s-maj=23.3km s-min=12.3km az=127.0

ISC 11 07:54:42.3±0.7, 4.9S:0.1:151.4E:0.1, h129km, n28, s164/31, mb4.0/11, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga, DZM Mont Dzumac, etc.

IPEC 11 07:55:24.8±0.2, 50.24N:18.80E, h1km, ML3.2/4, Error ellipse: s-maj=2.2km s-min=1.1km az=168.0

VIE 11 07:55:24.9±0.3, 50.24N:18.77E, h0km, mb2.5/4, ml3.2/3, Error ellipse: s-maj=3.6km s-min=2.1km az=161.0, Suspected Mining induced.

PR1 11 07:55:25.4, 50.29N:18.73E, h0km BGR 11 07:55:25.4±0.4, 50.28N:18.78E, h1km, ML3.4/11, Error ellipse: s-maj=5.6km s-min=3.3km az=6.0

IDC 11 07:55:26.4±0.8, 50.24N:18.60E, h0km, mbtmp 3.3/6, ML2.9/6, Error ellipse: s-maj=13.6km s-min=6.5km az=141.0

MCSM 11 07:55:29.9±0.4, 50.24N:18.78E, h8km, mb3.8, MLV3.9 ISC 11 07:55:29.9±0.6, 50.24N:18.75E:0.02, h0km, n86, s168/130, 6C-6D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAC Raciborz, RAC Raciborz, OKC Ostrava-Krasne, etc.

GEC2	GERES	GERES Array B	3.57 249	eSg	Sg	07 57 19.5 +1.0
GERES	comp=Z,0.4nm,0.3s,baz=63,slow=15,SNR=2.7			Pn	Pn	07 56 22.0 +1.4
GERES	comp=Z,2.1nm,0.3s,baz=62,slow=17,SNR=14			Pg	Pb	07 56 29.8 +1.9
GERES	comp=Z,1.3nm,0.3s,baz=62,slow=23,SNR=14			Lg	Lg	07 57 15.6
MOA	Molin	3.80 233	i Pn	Pn	Pn	07 56 24.7 +1.1
MOA	Collim		i Sn	Sn	Sn	07 57 10.7 +1.7
CLL	Collim	3.80 289	ePg	Pg	Pg	07 56 38.0 +1.4
CLL	comp=Z,1.71nm,1.8s			eSg	Sg	07 57 26.0 +0.2
CLL	Collim	3.80 289	ePg	Pg	Pg	07 56 34.0 -0.3
CLL	Collim	3.80 289	P	P	P	07 56 31.1 -0.6
WET	Wettzell	3.96 256	ePg	Pg	Pg	07 57 38.7 -1.1
WET			eSg	Sg	Sg	07 57 31.6 +0.5
TANN	Tannenbergs	4.03 275	eSg	Sg	Sg	07 57 32.9 -0.3
STNU	Starunia	4.05 110	P	P	P	07 56 30.9 +3.8
DRGR		4.34 141	i P	Pn	Pn	07 56 31.6 +0.4
KSV	Kosov	4.56 113	P	P	P	07 56 08.0 -1.9
MOX	Moxa	4.58 278	eSg	Sg	Sg	07 57 51.7 +1.0
MARR	Marisel-Ctuj	4.60 139	i P	Pn	Pn	07 56 35.2 +0.4
RNP8R	Varash	4.64 74	P	P	P	07 56 39.4 +4.2
BURAR	Bucuzina Array	5.01 119	i P	Pn	Pn	07 56 40.9 +0.5
BZS	Bucuzina	5.03 156	P	P	P	07 56 41.0 +0.7
SURR	Surdut	5.03 149	P	P	P	07 56 41.4 +0.9
BSD	Bornholm Skovb	5.41 336	i P	Pn	Pn	07 56 45.9 +0.2
BSD			i S	Sn	Sn	07 57 45.4 -3.2
BSD				IAML		07 57 58.4
GZR	Gura Zlata	5.56 149	i P	Pn	Pn	07 56 49.3 +1.5
LUBAR	Lubar, Ukraine	5.81 90	P	P	P	07 56 54.9 +3.6
LOT	Lotru	5.87 143	i P	Pn	Pn	07 56 52.0 -0.1
M130	M130,Zelenitsa	6.05 82	P	P	P	07 56 56.6 +2.4
LUNU	Lunu	6.28 331	i P	Pn	Pn	07 56 57.5 -0.1
LUNU			i S	Sn	Sn	07 56 08.0 -1.9
AK19	Malin Array Si	6.57 82	P	P	P	07 57 04.4 +2.7
AK18	Malin Array Si	6.61 82	P	P	P	07 57 06.3 +4.1
KIEV	Kiev	6.70 82	P	P	P	07 57 05.7 +2.3
AK03	Malin Array Si	6.71 82	P	P	P	07 57 06.6 +3.1
AK05	Malin Array Si	6.71 82	P	P	P	07 57 04.5 +1.0
AKASG	comp=Z,1.0nm,0.3s,baz=268,slow=13,SNR=3.2			Pg	Pb	07 57 22.2 +1.0
AKASG	comp=Z,1.1nm,0.3s,baz=274,slow=13,SNR=4.1			i Sn	Sn	07 58 19.1 -1.4
AKASG	comp=Z,0.3nm,0.3s,baz=270,slow=21,SNR=1.2			Lg	Lg	07 58 48.0
AKASG	comp=Z,1.3nm,0.3s,baz=261,slow=26,SNR=4.4					
AKBB	Malin Array Si	6.71 82	P	P	P	07 57 05.2 +1.7
NACGM	Naroch	6.77 43	eP	Pn	Pn	07 57 09.3 +4.9
BJUU	Bjuv	6.78 332	i P	Pn	Pn	07 57 05.0 +0.5
BJUU			i S	Sn	Sn	07 59 18.8 -3.6
DAVOX	Davos/Dischmat	6.83 243	Pn	Pn	Pn	07 57 07.1 +1.6
DAVOX	comp=E,0.8nm,0.3s,baz=40,slow=16,SNR=5.2			Sn	Sn	07 58 23.0 -0.9
DAVOX	comp=E,0.3nm,0.3s,baz=126,slow=22,SNR=1.6			Lg	Lg	07 59 02.8
DAVOX	comp=E,1.7nm,0.3s,baz=343,slow=20,SNR=3.7					
DEL	Delary	6.89 337	i P	Pn	Pn	07 57 06.0 0.0
DEL			i S	Sn	Sn	07 58 19.8 -5.2
FLORS	Plostina Array	6.89 127	P	P	P	07 57 10.1 +4.0
FLORS	comp=E,9.2nm,1.6s,comp=0.1nm					
VRI	Vrincioia	6.91 126	P	P	P	07 57 09.7 +3.3
FABU	Falkenberg	7.66 334	i S	Pn	Pn	07 57 58.1 -7.8
ONAU	Onsala	8.22 333	i S	Pn	Pn	07 57 53.0 -4.8
HFS	Hafors	10.32 346	P	P	P	07 58 49.9 -3.5
HFS	baz=133,slow=16,SNR=1.0			Sn	Sn	07 59 42.0 -7.3
HFS	comp=E,0.2nm,0.3s,baz=175,slow=24,SNR=1.7					
HFS	comp=Z,1.0nm,0.6s					
FINES	FINESS Array B	11.95 17	Pn	Pn	Pn	07 58 12.8 -2.4
FINES	comp=E,0.4nm,0.3s,baz=202,slow=10,SNR=8.4					
FINES	comp=E,0.7nm,0.3s,baz=198,slow=21,SNR=8.4					
FINES	comp=Z,1.0nm,0.4s					
ARCES	ARCCESS Array B	19.63 7	Pn	Pn	Pn	07 59 53.3 -0.3
ARCES	comp=E,0.1nm,0.3s,baz=196,slow=13,SNR=2.2					
ARCES	comp=E,1.4nm,0.8s					
SNAÄ	Sanae	122.57 188	i P	Pdf	Pdf	08 10 48.0 -2.0
SNAÄ	comp=Z,1.7nm,0.2s					

ISK 11 08:04:11.9,37.42N,35.87E,h5km,ML2,8/28
 AFAD 11 08:04:13.0,0.0,37.45N,35.85E,h6km,4km,ML2,9
 ISC 11 08:04:13.0,0.0,37.43N,35.87E,0.02,h16km,7km,
 n48,r1910/69,Turkey

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KOZT	Kozan	007 325	P	Op	ISC	08 04 17.2 +0.8	
AKO	Adana	034 276	P	P	P	08 04 19.6 -0.8	
AKO			S	Sb	Sb	08 04 26.1 -0.2	
ANDN	Andirin	041 68	P	P	P	08 04 21.2 -0.3	
ANDN			S	Sb	Sb	08 04 29.4 +1.2	
SAIM	ADANA	0.57 17	P	P	P	08 04 23.7 -1.0	
SAIM			S	Sb	Sb	08 04 32.7 -0.4	
KAMA	Osmaniye	0.68 111	P	P	P	08 04 24.5 -2.1	
KAMA			S	Sb	Sb	08 04 37.8 +1.6	
CMRD	Camardi-Nigde	0.74 289	P	P	P	08 04 26.5 -1.3	
YAHY	KAYSERI_Yahyal	0.78 329	P	P	P	08 04 27.8 -0.8	
YAHY			S	Sg	Sg	08 04 37.6 -1.3	
KMRS	Kahramanmaraş	0.82 84	P	P	P	08 04 28.4 -0.9	
KMRS			S	Sg	Sg	08 04 39.7 -0.4	
HCB	Kahramanmaraş	0.83 95	P	P	P	08 04 30.2 -0.2	
HCB			S	Sg	Sg	08 04 39.2 -1.1	
HASA	Hatay-Hassa-Ha	0.83 144	P	P	P	08 04 29.4 -0.1	
HASA			S	Sb	Sb	08 04 41.7 +1.2	
GULE	Gulek	0.89 261	P	P	P	08 04 29.4 -1.1	
GULE			S	Sg	Sg	08 04 45.0 +1.0	
KHMM	Narli-Kahraman	1.02 92	Pg	Pg	Pg	08 04 32.3 -0.8	
KHMM	Nigde/Merkez-G	1.04 304	P	P	P	08 04 26.5 -1.3	
NIDE			S	Sg	Sg	08 04 45.8 -1.3	
SARI	SarDiz-Kayseri	1.07 24	Pg	Pg	Pg	08 04 32.7 -1.3	
SARI			S	Sb	Sb	08 04 48.5 +1.1	
GAZ	Gaziantep	1.10 103	Pn	Pn	Pn	08 04 33.7 -0.8	
GAZ			S	Sb	Sb	08 04 49.1 +1.0	
KUZU	Kuzuni	1.16 124	P	P	P	08 04 34.3 -1.4	
KUZU			S	Sg	Sg	08 04 49.9 -1.0	
MERS	Mersin	1.22 243	Pn	Pn	Pn	08 04 35.5 -1.3	
ELBS	KAHRAMANMARAS1	34 48	P	P	P	08 04 37.6 +0.1	
ELBS			S	Sg	Sg	08 04 55.6 -1.0	
ELBS				IAML		08 04 58.0	
ELBS	comp=N,238nm,0.6s			i AML		08 05 05.0	
GZT	Gaziantep	1.35 93	P	P	P	08 04 38.4 +0.1	
GZT			S	Sb	Sb	08 04 56.4 +1.1	
GZT				i AML		08 04 59.0	
GZT	comp=E,153nm,0.3s			i AML		08 05 02.0	
BNN	Bunyan	1.42 359	Pn	Pn	Pn	08 04 38.4 -0.3	
AKCA	Adyaman/G17	1.49 75	P	P	P	08 04 39.2 -0.3	
AKCA			S	Sg	Sg	08 05 00.5 -0.8	
AKCA				i AML		08 05 04.0	
AKCA	comp=E,140nm,0.9s			i AML		08 05 08.0	
AKCA	comp=N,187nm,0.5s			Pn	Pn	08 04 41.9 -0.1	
KIZK	Mersin	1.68 236	Pn	Pn	Pn	08 04 43.3 +0.8	
CUGUR	Gurin_SVAS	1.70 40	P	P	P	08 05 06.2 +0.7	
CUGUR				i AML		08 05 12.0	
CUGUR	comp=N,200nm,0.4s			i AML		08 05 12.0	
DARE	Darende-Malatya	1.71 48	Pn	Pn	Pn	08 04 43.3 +0.7	
YESY	Yesilyur	1.73 282	Pn	Pn	Pn	08 04 43.7 +0.3	
AKCD	Acadag	1.84 61	P	P	P	08 04 46.6 -0.1	
AKCD			S	Sn	Sn	08 05 08.7 +1.3	
AKCD				i AML		08 05 15.0	
AKCD	comp=N,151nm,0.4s			i AML		08 05 22.0	
AZEY	Adyaman-Merk	1.92 78	S	Sn	Sn	08 05 07.1 -2.4	
ATAB	Bozova	1.93 88	P	P	P	08 04 46.6 +1.1	

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ATAB	ATAB	comp=N,106nm,0.3s		S	AML	08 05 13.6 +1.6	
ATAB				i AML		08 05 18.0	
ATAB	comp=E,147nm,0.6s					08 05 21.0	
KEBE	Keben-Mersin	1.99 241	Pn	Pn	Pn	08 04 47.1 +0.7	
KRMN	Karaman	2.10 264	Pn	Pn	Pn	08 04 48.7 +0.8	
IKL	Isikli	2.12 237	Pn	Pn	Pn	08 04 49.0 +0.9	
HEKM	Malayla_Hekimh	2.19 48	P	S	Sg	08 04 48.2 -1.1	
HEKM			S	Sg	Sg	08 05 21.8 -2.0	
HEKM	Yaylak	2.22 313	Pn	Pn	Pn	08 04 50.9 +1.3	
YOZ	Yozgat	2.25 349	Pn	Pn	Pn	08 04 50.8 +0.7	
AKKU	Akkuyu-Mersin	2.25 237	Pn	Pn	Pn	08 04 50.9 +0.9	
NARI	Adyaman-Kah	2.34 78	S	Sg	Sg	08 05 27.5 -0.9	
URFA	Urfa	2.35 89	Pn	Pn	Pn	08 04 52.0 +0.7	
HANN	Anarip/HI	2.40 85	P	P	P	08 04 50.9 +1.3	
HANN			S	Sg	Sg	08 05 30.8 +0.5	
ARPR	Ararip-MALATY	2.55 49	Pn	Pn	Pn	08 04 55.2 +1.0	
TEKE	Tekeli-Mersin	2.56 241	Pn	Pn	Pn	08 04 55.2 +1.0	
KAMT	Kaman	2.58 319	Pn	Pn	Pn	08 04 56.1 +1.6	
SVSK	Sivrice	2.64 19	Pn	Pn	Pn	08 04 56.9 +1.7	
HDMB	Hadim	2.74 261	Pn	Pn	Pn	08 04 57.9 +1.0	
SVRC	Karacay-ELAZI	2.88 70	Pn	Pn	Pn	08 04 58.9 +1.1	
BR131	Keskin Array S	2.89 323	Pn	Pn	Pn	08 05 00.0 +1.2	
CORM	Corum	2.91 341	Pn	Pn	Pn	08 05 00.9 +1.7	
GAZI	Gazipasa	3.09 248	Pn	Pn	Pn	08 05 02.9 +1.4	
PTK	Pertek	3.13 61	Pn	Pn	Pn	08 05 03.5 +1.2	

IDC 11 08:09:25.4,0.0,53.58N-87.71E,h0km,mbtmp3,0/2,
 ML2,9/2,Error ellipse: s-maj=26.1km s-min=17.2km
 az=62.0, Southwest Siberia

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
I46RU	ZALESOVO INFRA	1.75 283	Op	ISC		08 01 50.0	
ZALV	Zalesovo Beam	1.75 283	Pn	Pn	Pn	08 05 55.9 -1.2	
ZALV	1.3nm,0.3s,baz=102,slow=14,SNR=15			Lg	Lg	08 10 20.7	
ZALV	2.7nm,0.3s,baz=104,slow=27,SNR=17						
KURBB	Kurchatov Arra	6.38 246	Pn	Pn	Pn	08 11 02.0 +1.4	
KURBB	0.1nm,0.3s,baz=65,slow=15,SNR=5.0			Lg	Lg	08 12 47.1	
KURBB	baz=63,slow=32,SNR=4.3						
KURBB	0.8nm,0.3s						
MKAR	Makanchi Array	7.63 209	Pn	Pn	Pn	08 11 18.9 +1.2	
MKAR	0.3nm,0.3s,baz=30,slow=15,SNR=2.8			Lg	Lg	08 13 25.1	
MKAR	baz=25,slow=29,SNR=3.2						
MKAR	0.2nm,0.3s						

IDC 11 08:15:55.0,6.4,7.22S,129.43E,h122km,81km,mb3,6/4,
 mbtmp4,1/6,Error ellipse: s-maj=128.2km s-min=35.1km
 az=59.0

DJA 11 08:15:57.4,0.6,7.3S,129.9E,h175km,13km,M4,5/11,
 mb4,5/7,mb5,0/1,MLV4,5/11,MWV19,4/11
 NEIC 11 08:15:58.7,0.9,7.23S,0.09,120.42E,0.05,h160km,11km,
 mb4,2/6,Error ellipse: s-maj=14.3km s-min=5.0km
 az=154.0

ISC 11 08:15:57.9,0.6,7.31S,129.37E,0.06,h150km,n42,
 r192/44,mb3,8/5,Banda Sea

Code	Station Name	Δ°	AZ°	Phase ID</
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11d 8h

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Station Type, Time, Residual, and Remarks. Includes stations like L17K, L19K, RC01, etc.

2018 SEP

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Station Type, Time, Residual, and Remarks. Includes stations like L27K, E17K, I23K, etc.

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Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Station Type, Time, Residual, and Remarks. Includes stations like PZH, PZH, D24K, etc.

IDC 11 08:24:43.5±1.7, 2:50S:140:39E, h0km, mb3.9/7, mbmp3.9/8, ML4.2/1, MS4.0/1, Error ellipse: s-maj=72.1km s-min=14.5km az=95.0

DJA 11 08:24:46.0±0.8, 3°S:7°14'00"E, h10km, M4.5/3, MLv4.5/3, ISC 11 08:24:47.3±1.1, 2:55S:140:45E, h1.24km, n19, s=1509/13, mb3.9/7, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Remarks. Includes stations like JAY, JAY, GENI, etc.

IDC 11 08:28:49.5±3.6, 54:38N:87:15E, h0km, mbmp2.8/2, ML2.6/2, Error ellipse: s-maj=32.1km s-min=21.3km az=47.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Remarks. Includes stations like I46RU, ZALV, ZALV, etc.

IDC 11 08:40:03.7±3.3, 36:29N:70:92E, h155km±48km, mb3.3/8, mbmp3.8/13, MS2.9/1, Error ellipse: s-maj=37.3km s-min=21.4km az=28.0

NINC 11 08:40:14.9±2.7, 37:03N:70:92E, h220km±42km, mb2.8, mpv3.8, Error ellipse: s-maj=28.1km s-min=15.2km az=5.0

ISC 11 08:40:08.0±1.2, 36:50N:1:1710E, h1.188km, n23, s=1948/27, mb3.4/7, 6C-22, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and Remarks. Includes stations like AML, UCH, EKS2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TKM2 Tokmak 2, MK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: KALU, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KALU Kalix, KALU Apatity, KALU APAPA, etc.

Table with columns: J16K, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like J16K comp=Z,7.4nm,1.5s, I17K Unalakleet, K17K Iditarod, etc.

IDC 11 08:56:03.2,0.7,87S:116:55E,h0km,mb3.4/3, mbmp3.5/4,ML3.1/1, Error ellipse: s-maj=42.2km s-min=27.0km az=61.0

IDC 11 09:00:16.7,3.0,54I:13N:86:68E,h0km,mbmp3.3/2, ML2.8/2, Error ellipse: s-maj=25.1km s-min=14.0km az=60.0, Southwestern Siberia

RSNC 11 09:19:18.7,3.0,0.8N:3:7:8W:1, h2km,6km,ML1.8 UPA 11 09:19:19.1,0.6,8,12N:77:51W,h22km,7km,MD3.8, MW4.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KLN1 Mataram, SRB1 Singaraja, PLAI Plampang, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CAPC Capurgana, UPD2 Meteti, UPD3 Punta Arditia, etc.

IDC 11 08:59:39.8,1.4,6.773N:26:88E,h0km,mbmp3.3/1, ML1.8/1, Error ellipse: s-maj=33.7km s-min=7.7km az=83.0

IDC 11 09:10:31.2,2.0,5:66S:147:61E,h200km,17km,mb3.6/4, mbmp4.3/6, Error ellipse: s-maj=44.6km s-min=17.4km az=104.0

NOU 11 09:25:47.7,17:80S:179:97W,h624km,mb4.8/71, Fiji Islands Region NEIC 11 09:25:48.4,2.3,17:8S:0:1x:179:9E:0.1,h617km,7km, mb4.5/319, Error ellipse: s-maj=16.8km s-min=13.9km az=133.0

IDC 11 08:59:39.0,1.4,6.773N:26:88E,h0km,ML2.0, Suspected explosion UPP 11 08:59:40.3,0.9,67:70N:26:81E,h0km,ML2.1 KOLA 11 08:59:41.1,6.774N:26:91E,h0km,ML2.2, Error ellipse: s-maj=7.1km s-min=4.8km az=20.0, Finland, Lapland

IDC 11 09:10:31.9,0.6,5:60S:147:46E:0.0,h200km,n57, az=139/60,mb4.3/20, Eastern New Guinea region

IDC 11 09:25:49.9,0.5,17:78S:179:75E,h639km,4km,mb3.8/20, mbmp3.8/21, Error ellipse: s-maj=12.9km s-min=9.3km az=128.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SGF Sodankyl, RAUF Raja-Jooseppi, VRF Vario, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MANU Manus Island, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, NIUE Niue, RTV Raitapao, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KLF Hetta, HEF Hetta, HEF Hetta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WBO Warramunga Arr, WR0 Warramunga Arr, WR2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BFZ Eisch Farm, QRZ Quartz Range, TCW Tory Channel, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, O16K Kokkok River B, O16K Kokkok River B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EIDS Eidsvoll, EIDS Eidsvoll, ICJ Iceberg Bay, etc.

11d 9h

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like ARPS Mount Arapiles, WAKE Wake Island, HTT Hallett, etc.

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Table with columns for station name, elevation, frequency, and other technical details. Includes stations like SAO comp=Z,15m,0.9s, PMPB Monarch Peak, R17L Mt. Peulik Vol, etc.

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Table with columns for station name, elevation, frequency, and other technical details. Includes stations like I05D Terrebonne, OR, O22K Cooper Landing, O22K Cooper Landing, etc.

LTY Liberty	83.78	36	P	P	09 37 13.9 +0.1
YAH Yahtse	83.79	18	P	P	09 37 13.4 -0.3
E07A Sunnyside	83.85	37	I	I	09 37 15.7
H17K Granite Mounta	83.89	8	P	P	09 37 14.0 +0.1
S32K Killisnoo	83.93	24	P	P	09 37 14.1 -0.1
HAWA Hawa	83.94	37	P	I	09 37 15.4 +0.8
PNL Peninsula	83.95	19	P	P	09 37 13.9 -0.3
G16K Koyuk River	84.01	7	P	P	09 37 14.6 +0.3
N25K Chitina, Valde	84.01	16	P	P	09 37 14.2 -0.3
N25K Chitina, Valde	84.01	16	P	P	09 37 14.4 -0.2
M24K Tolsona, Glenn	84.02	15	P	P	09 37 14.8 +0.2
PINM Pinnacle	84.02	19	P	P	09 37 14.1 -0.6
WAT6 Susitna Watana	84.05	14	P	P	09 37 13.9 -1.0
F15K North Star Dit	84.05	6	P	P	09 37 14.2 -0.4
PKCU Pink Cliffs	84.06	48	I	I	09 37 18.5
WAT1 Susitna Watana	84.07	14	P	P	09 37 13.8 -1.0
GRNC Granite Creek	84.08	18	P	I	09 37 14.7 -0.5
GRNC Granite Creek	84.08	18	P	I	09 37 15.8
GLB Gilahina Butte	84.08	17	P	P	09 37 14.4 -0.5
J20K Nowinta River	84.12	11	P	P	09 37 14.2 -0.7
GCSA Galena City Sc	84.17	10	P	P	09 37 14.6 -0.5
KTH Kantishna Hill	84.19	13	I	I	09 37 14.8
CHUM Lake Minchumir	84.20	12	P	P	09 37 14.4 -0.9
MCARA McCarthy VSAT	84.25	17	P	I	09 37 15.3 -0.4
MCARA McCarthy VSAT	84.25	17	P	I	09 37 16.4
MCARA McCarthy VSAT	84.25	17	P	I	09 37 15.1 -0.6
E08A Dider Farm, EI	84.27	37	I	I	09 37 17.7
H18K Hornhosa River	84.32	9	P	P	09 37 15.6 -0.4
G17K Kiwalik Mounta	84.33	8	P	P	09 37 16.1 +0.1
LOGN Logan Glacier	84.38	18	I	I	09 37 17.1
CTG Chitina Glacier	84.39	18	I	I	09 37 16.5 -0.1
CTGM Chitina Glacie	84.39	18	I	I	09 37 17.2
P29M Windy Craggy	84.46	20	P	P	09 37 17.5 +0.7
P29M Windy Craggy	84.46	20	P	P	09 37 18.0
P29M Windy Craggy	84.46	20	P	P	09 37 16.6 -0.1
TCRU Three Creeks R	84.50	47	I	I	09 37 19.5
HARP HAARP	84.53	16	P	P	09 37 16.4 -0.6
R32K Eaglecrest	84.55	22	P	P	09 37 16.4 -0.8
DHY Denali Highway	84.56	14	P	P	09 37 16.8 -0.5
O28M Mount Upton	84.58	18	P	P	09 37 17.0 -0.7
MFID Camas Ranch	84.60	41	I	I	09 37 19.5
I20K Naaghedeneel	84.62	11	P	P	09 37 16.9 -0.5
BPAW Bear Paw Mtn.	84.66	12	P	P	09 37 17.0 -0.6
BPAW Bear Paw Mtn.	84.66	12	P	P	09 37 17.4 -0.2
D08A Wolfm Farm	84.66	37	I	I	09 37 19.6
O29M Mount Kennedy	84.71	19	P	P	09 37 18.0 0.0
MCK McKinley	84.77	13	P	P	09 37 18.4 +0.2
PLBC Pleasant Camp	84.78	21	P	P	09 37 19.0 +0.7
E09A Wood Farm, Sta	84.82	38	P	P	09 37 18.5 -0.2
PAX Paxson	84.93	15	P	P	09 37 18.7 -0.4
H19K Roundabout Mou	84.97	10	P	P	09 37 18.9 -0.1
G18K Tagagawik	84.97	9	P	P	09 37 18.8 -0.3
LLL Lilloet	85.05	33	I	I	09 37 21.1
F10A Beach Ranch, E	85.07	39	P	P	09 37 20.2 +0.1
P30M Million Dollar	85.09	20	P	P	09 37 19.8 0.0
M26K Nabesna, AK	85.09	16	I	I	09 37 20.6
M26K Nabesna, AK	85.09	16	P	P	09 37 19.6 -0.2
YUK8 Steele Glacier	85.11	18	P	P	09 37 19.7 -0.4
SKAG Skagway	85.14	21	I	I	09 37 21.9
SKAG Skagway	85.14	21	P	P	09 37 20.3 +0.3
B08A Colville Reser	85.14	36	P	I	09 37 20.0 -0.3
F17K Baldwin Pennin	85.15	7	P	P	09 37 19.3 -0.6
F17K Baldwin Pennin	85.15	7	P	P	09 37 21.2
F17K Baldwin Pennin	85.15	7	P	P	09 37 19.9 0.0
H20K Anotleneaga Mo	85.19	10	P	P	09 37 19.4 -0.8
121A Cookes Peak, D	85.26	54	P	P	09 37 20.7 -0.7
T35M Bob Quinn	85.26	25	P	P	09 37 20.3 -0.4
YUK6 Outpost Mounta	85.27	19	P	P	09 37 20.6 -0.3
YUK3 Moose Creek	85.30	18	P	P	09 37 20.8 -0.2
M27K Edge Creek, AK	85.36	17	I	I	09 37 22.2
M27K Edge Creek, AK	85.36	17	P	P	09 37 20.9 -0.3
C09A Chrisman Ranch	85.43	37	I	I	09 37 22.5
G19K Purcell Mounta	85.44	9	P	P	09 37 21.0 -0.3
NEA2 Nenana	85.49	13	P	P	09 37 21.1 -0.5
NEA2 Nenana	85.49	13	P	P	09 37 20.9 -0.7
YUK4 Talbot Arm	85.50	19	P	P	09 37 22.0 +0.1
F18K Selawik	85.50	8	P	P	09 37 21.5 0.0
L26K Log Cabin Wild	85.51	16	I	I	09 37 22.6
L26K Log Cabin Wild	85.51	16	P	P	09 37 21.6 -0.2
MLY Manley	85.54	12	P	P	09 37 21.0 -0.9
S34M Telegraph Cree	85.55	24	P	P	09 37 22.7 +0.7
S34M Telegraph Cree	85.55	24	P	P	09 37 22.9 +0.8
K24K Donnelly Dome	85.56	15	P	P	09 37 21.8 -0.2
HLID Hailey	85.57	42	P	P	09 37 23.6 +0.9
HLID Hailey	85.57	42	I	I	09 37 24.6
WRH Wood River Hill	85.60	13	P	I	09 37 21.2 -0.8
TMUT Trail Mountain	85.68	47	I	I	09 37 25.6
E17K Hotham Inlet	85.69	7	P	P	09 37 22.3 -0.2
H21K Melezitna River	85.70	11	P	P	09 37 22.3 -0.3
H21K Melezitna River	85.70	11	P	P	09 37 22.3 -0.3
RIDG Independent Ri	85.73	15	I	I	09 37 23.3
RIDG Independent Ri	85.73	15	P	P	09 37 22.6 -0.3
HVU Hansel Valley	85.77	44	I	I	09 37 25.3
P32M Atlin	85.79	22	P	P	09 37 23.6 +0.3
P32M Atlin	85.79	22	P	P	09 37 23.5 +0.3
HDA Harding Lake	85.80	14	I	I	09 37 23.3
HDA Harding Lake	85.80	14	P	P	09 37 22.3 -0.8
CCB Clear Creek Bu	85.81	13	P	P	09 37 21.9 -1.2
CCB Clear Creek Bu	85.81	13	I	I	09 37 22.3
O30N Mendenhall	85.86	20	P	P	09 37 23.5 0.0
O30N Mendenhall	85.86	20	I	I	09 37 24.5
O30N Mendenhall	85.86	20	P	P	09 37 23.7 +0.2
Q32M Nakina River	85.86	23	P	I	09 37 24.6 +0.8
Q32M Nakina River	85.86	23	I	I	09 37 25.3
Q32M Nakina River	85.86	23	P	P	09 37 24.3 +0.5
I23K Minto, Yukon-K	85.92	12	P	P	09 37 22.4 -1.1
EPT El Paso	85.94	55	I	I	09 37 27.9
L27K Beaver Creek,	85.95	16	P	P	09 37 23.4 -0.4
L27K Beaver Creek,	85.95	16	P	P	09 37 23.6 -0.2
F19K Shalerucik Mo	85.98	9	P	P	09 37 23.6 -0.2
F19K Shalerucik Mo	85.98	9	P	P	09 37 23.2 -0.6
MDM Murphy Dome	85.99	13	P	P	09 37 22.6 -1.4
MDM Murphy Dome	85.99	13	I	I	09 37 23.6
COLA College	86.00	13	P	P	09 37 22.8 -1.1
COLA College	86.00	13	P	P	09 37 22.9 -1.1
COLA College	86.00	13	P	P	09 37 23.1 -0.8
N30M Aishkik Lake	86.06	19	P	P	09 37 24.1 -0.3
N30M Aishkik Lake	86.06	19	P	P	09 37 24.3 -0.1
SRU San Rafael Swe	86.07	47	I	I	09 37 26.7
HHC Hu-ho-hao-te	86.07	315	eP	pmax	09 37 28.4 +3.4
HHC Hu-ho-hao-te	86.07	315	eP	pmax	09 37 28.4 +3.4
HHC Hu-ho-hao-te	86.07	315	eP	pmax	09 37 28.4 +3.4
ILAR Eielson Array	86.12	14	P	P	09 37 23.1 -1.5
ILAR Eielson Array	86.12	14	P	P	09 37 23.1 -1.5
ILAR Eielson Array	86.12	14	P	P	09 37 23.1 -1.5
SCRK Sand Creek	86.14	15	P	P	09 37 24.3 -0.5
SCRK Sand Creek	86.14	15	P	P	09 37 24.1 -0.7
E18K Tukphalearik C	86.16	7	P	P	09 37 24.4 -0.3
E18K Tukphalearik C	86.16	7	P	P	09 37 25.7
E18K Tukphalearik C	86.16	7	P	P	09 37 24.4 -0.3
WHY Whitehorse	86.18	20	P	P	09 37 24.5 -0.6
H22K Ishatitna Cre	86.18	11	P	P	09 37 24.5 -0.3
NEW Newport	86.34	37	I	I	09 37 26.9
J25K Salcha River,	86.34	14	I	I	09 37 25.8
J25K Salcha River,	86.34	14	I	I	09 37 25.8
DLBC Dease Lake	86.34	24	P	P	09 37 25.1 -0.6
DLBC Dease Lake	86.34	24	P	P	09 37 25.9 +0.1
DLBC Dease Lake	86.34	24	P	P	09 37 27.4
DLBC Dease Lake	86.34	24	P	P	09 37 26.0 +0.2
G21K Allakaket	86.36	10	I	I	09 37 26.0
TCUT Toone Canyon	86.37	45	I	I	09 37 28.4
M29M Somme Creek	86.40	18	P	P	09 37 25.8 -0.3
M29M Somme Creek	86.40	18	P	P	09 37 26.0 -0.1
H23K Yukon River	86.48	12	P	P	09 37 24.8 -1.4
F20K Avaraat Lake	86.49	9	P	P	09 37 26.4 +0.2
N31M Braeburn, Yuko	86.50	20	I	I	09 37 27.0
N31M Braeburn, Yuko	86.50	20	P	P	09 37 26.7 +0.2
BSUT Blindstream Ca	86.54	46	P	I	09 37 27.9 +0.3
BSUT Blindstream Ca	86.54	46	P	I	09 37 29.4
P33M Teslin, Yukon	86.56	22	P	P	09 37 27.2 +0.4
E19K Redstone River	86.64	9	I	I	09 37 27.9
E19K Redstone River	86.64	9	P	P	09 37 26.9 -0.1
R33M Jennings River	86.65	23	I	I	09 37 29.0
R33M Jennings River	86.65	23	P	P	09 37 28.1 +0.7
K27K Chicken	86.67	16	P	P	09 37 27.3 +0.1
J26L Joseph Creek	86.68	15	P	P	09 37 27.4 +0.1
J26L Joseph Creek	86.68	15	P	P	09 37 27.5 +0.2
H24K Noodor Dome	86.83	13	P	P	09 37 26.5 -1.5
F21K Alatna River	87.00	10	P	P	09 37 28.1 -0.6
F21K Alatna River	87.00	10	P	P	09 37 28.4 -0.3
M30M Minto, Yukon	87.00	19	I	I	09 37 30.2
M30M Minto, Yukon	87.00	19	P	P	09 37 28.8 -0.1
L29M L29M	87.02	18	P	I	09 37 29.1 +0.2
L29M L29M	87.02	18	P	I	09 37 30.2
L29M L29M	87.02	18	P	P	09 37 28.6 -0.3
PRP Porcupine Dome	87.06	14	P	I	09 37 28.6 -0.6
PRP Porcupine Dome	87.06	14	P	I	09 37 30.0
PRP Porcupine Dome	87.06	14	P	P	09 37 28.5 -0.6
G22K Bettles	87.08	11	P	P	09 37 28.6 -0.3
N32M Quiet Lake	87.14	21	P	I	09 37 30.0 +0.5
N32M Quiet Lake	87.14	21	P	I	09 37 30.8
N32M Quiet Lake	87.14	21	P	P	09 37 28.8 -0.7
G23K Bananza Creek	87.16	11	P	P	09 37 28.6 -0.9
G23K Bananza Creek	87.16	11	P	I	09 37 30.0
G23K Bananza Creek	87.16	11	P	P	09 37 28.8 -0.7
ANMO Albuquerque	87.25	52	P	P	09 37 30.9 +0.1
TXAR Lajitas Array	87.25	58	P	P	09 37 32.4 +1.5
AHID Auburn Hatcher	87.33	43	P	I	09 37 31.9 +0.8
AHID Auburn Hatcher	87.33	43	I	I	09 37 33.5
CMAR Chig Wal Arr	87.37	290	P	P	09 37 32.2 +0.7
RDUM Red Mountain	87.37	46	I	I	09 37 32.8
DAWY Dawson	87.41	17	P	I	09 37 30.2 -0.4
DAWY Dawson	87.41	17	P	I	09 37 31.3
DAWY Dawson	87.41	17	P	P	09 37 30.1 -0.5
I26K Coal Creek Min	87.44	15	I	I	09 37 31.4
I26K Coal Creek Min	87.44	15	P	P	09 37 30.0 -0.8
MSO Missoula	87.46	39	P	P	09 37 30.9 -0.5
M31M Drury Creek, Y	87.47	20	I	I	09 37 31.4
M31M Drury Creek, Y	87.47	20	P	P	09 37 30.1 -0.9
F22K John River	87.48	10	P	P	09 37 30.3 -0.6
D19K Kuna River	87.49	8	P	P	09 37 30.7 -0.3
EGAK Eagle	87.51	16	P	P	09 37 30.8 -0.2
EGAK Eagle	87.51	16	I	I	09 37 31.5
EGAK Eagle	87.51	16	P	P	09 37 30.2 -0.9
E20K Nigu River	87.54	9	P	P	09 37 31.0 -0.2
BPMT Black Pine Rid	87.57	39	P	P	09 37 32.2 +0.1
DLMT Dillon	87.58	41	P	I	09 37 32.4 +0.3
DLMT Dillon	87.58	41	I	I	09 37 33.8
COLD Coldfoot	87.59	11	P	P	09 37 3

11d 10h

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 Happy Valley, Red Lodge, Muleshoe, etc.

2018 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, etc.

750

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like TWE Neicheng, FULB Full, ENTNT Nioudou, etc.

Table with columns: JHR, Hokuryu, 0.96 349, A, A, 10 07 50.9, etc. Includes stations like Churui, Tokachihiro, Kayabe, Erimo, Kamakawa, Shakotan, etc.

Table with columns: MA2, Magadan, 17.65 15, P, Pn, 10 11 34.8, etc. Includes stations like Yakutsk, Seymchan, Hu-ho-hao-te, Shemya Is, LuoYang, etc.

Table with columns: E24K, Chiang Mai Arr, 43.61 31, P, P, 10 15 33.9, etc. Includes stations like Your Creek, Chiang Mai Arr, etc.

MJAR	Matsushiro Arr	78.98 326	P	P	11 24 10.2 +0.9
comp-Z, 1.0nm, 0.6s, baz=191, slow=5.6, SNR=4.2					
H03S2	Juan Fernandez	80.47 124	T	T	12 53 05.8
baz=236, slow=7.4, SNR=22					
H03S1	Juan Fernandez	80.47 124	T	T	12 53 06.9
baz=236, slow=7.4, SNR=22					
H03S3	Juan Fernandez	80.49 124	T	T	12 53 08.5
baz=236, slow=7.4, SNR=22					
H03N3	Juan Fernandez	80.68 124	T	T	12 53 24.0
baz=240, slow=7.2, SNR=34					
H03N2	Juan Fernandez	80.68 124	T	T	12 53 13.3
baz=240, slow=7.2, SNR=34					
H03N1	Juan Fernandez	80.99 124	T	T	12 53 25.0
baz=240, slow=7.2, SNR=56					
ERM	Erimo	81.40 333	P	P	11 24 22.6 +0.5
PLCA	Paso Flores	82.19 133	P	P	11 24 29.7 +3.0
PLCA	Paso Flores	82.19 133	P	P	11 24 29.1 +2.4
comp-Z, 0.6nm, 0.4s, baz=209, slow=5.5, SNR=4.7					
YSS	Yuzh-Sakhalins	85.76 335	P	P	11 24 46.5 +2.3
YSS			Iamb	Iamb	11 24 47.8
PETK	Petrovskovsk	87.14 346	P	P	11 24 51.4 +0.6
comp-Z, 1.2nm, 0.7s					
NVAR	Minna Array Bea	90.19 43	P	P	11 25 08.2 +2.3
comp-Z, 0.2nm, 0.1s, baz=221, slow=8.8, SNR=4.7					
N15K	Kwethluk River	92.33 9	P	P	11 25 20.7 +1.6
N15K			Iamb	Iamb	11 25 23.1
GRNB	Grenville Isla	95.59 27	P	P	11 25 32.7 +2.6
L18K	Granite Mounta	95.67 10	P	P	11 25 31.8 +1.5
L18K			Iamb	Iamb	11 25 34.6
V35K	Ketchikan	96.12 25	P	P	11 25 32.8 +0.4
V35K			Iamb	Iamb	11 25 58.7
U33K	Whale Pass	96.20 24	P	P	11 25 34.0 +1.3
U33K			Iamb	Iamb	11 25 53.6
SUCK	Suckling Hills	96.33 17	P	P	11 25 33.7 +0.5
ILAR	Eielson Array	99.78 13	P	Pdfr	11 25 50.2 +1.6
MKAR	Makanchi Array	117.98 310	PKP	PKPKP	11 30 51.4 +0.5
ZALV	Zalesovo Beam	118.52 318	PKP	PKPKP	11 30 53.0 +1.3
KURB	Kurchatov Arra	121.41 313	PKP	PKPKP	11 30 58.4 +1.0
BVAR	Borovoye Array	126.80 315	PKP	PKPKP	11 31 09.4 +1.4
AKTO	Aktuybinsk	134.37 311	PKP	PKPKP	11 31 24.9 +1.5
ARCES	ARCES Array B	139.95 347	PKP	PKPKP	11 31 33.0 -1.2
BORG	Borgames	144.55 16	PKP	PKPKP	11 31 41.7 -2.1
KBZ	Khabaz	145.07 302	PKP	PKP	11 31 41.0 -0.5
KARS	Kars	145.09 296	PKP	PKPKP	11 31 43.4 -2.4
OBNS	Obninsk	145.85 323	PKP	PKPKP	11 31 43.5 -0.6
FINES	Fines Array S	146.28 338	PKP	PKPab	11 31 44.6 -1.0
ARPR	Ararip-MALATY	148.76 294	PKP	PKPbc	11 31 51.6 -0.5
NC303	NORSAR Array S	149.99 350	PKP	PKPKP	11 31 54.3 -0.8
NC405	NORSAR Array S	150.04 349	PKP	PKPKP	11 31 56.4 +1.2
NB2	NORSAR Array S	150.19 350	PKP	PKPKP	11 31 55.1 -0.5
NOA	NORSAR Array B	150.19 350	PKP	PKPKP	11 31 56.5 +1.0
NB001	NORSAR Array S	150.23 343	PKP	PKPKP	11 31 56.7 +1.0
NAO01	NORSAR Array S	150.43 350	PKP	PKPKP	11 31 56.6 +0.6
NC602	NORSAR Array S	150.43 349	PKP	PKPKP	11 31 55.6 -0.4
HFS	Hagfors	150.61 347	PKP	PKPKP	11 31 55.8 -0.6
MMAI	Mount Meron	151.42 332	PKP	PKPKP	11 31 58.5 +0.8
PABE	Paberze	151.42 332	PKP	PKPKP	11 31 58.5 +0.3
AKASG	Malin Array Bea	151.89 320	PKP	PKPKP	11 32 00.1 +0.7
BR131	Keskin Array S	152.36 295	PKP	PKPKP	11 32 01.2 +0.4
BR17	Keskin Array B	152.36 295	PKP	PKPKP	11 32 01.6 +0.7
CLL	Collim	158.73 338	I	PKPab	11 32 39.1 +1.2
TORD	Torodi Array Bea	161.17 183	PKP	PKPab	11 32 50.3 +0.9
comp-Z, 0.9nm, 0.3s, baz=165, slow=5.4, SNR=1.2					

11d 11h: 27:56.8:306.0:53.82N:42:86E, h0km, Error ellipse:

s-maj=144.5km s-min=87.5km az=158.0, Baltic

States-Belarus-Northwestern Russia

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
I43RU	DUBNA INFRASON	4.34	314	Op	11 52 35.0	I
0.1nm, 1.2s, baz=129, slow=316, SNR=3.2						
I37NO	ZALEVO	18.97	333	I	13 26 30.0	I
baz=128, slow=314, SNR=2.8						
I46RU	ZALEVO INFRAS	24.48	333	I	13 56 50.0	I
baz=284, slow=326, SNR=1.4						
I34MN	SONGINO INFRAS	39.40	72	I	15 31 40.0	I
baz=298, slow=327, SNR=1.3						

11d 11h: 28:07.1:0.8:55:06N:164:15E, h0km, mb3.8/9,

mbmp3.8/12, ML3.9/2, ME2.9/7, Error ellipse:

s-maj=30.7km s-min=15.6km az=162.0

KRSC 11 11:28:07.1:1.0:54:77N:164:21E, h41km, mb4.1

NEIC 11 11:28:08.2:1.8:54:78N:0.1:164:3E, h10km, 1km,

mb4.2/11.5, Error ellipse: s-maj=20.8km s-min=10.5km

az=163.0

MOS 11 11:28:10.1:0.8:54:85N:164:16E, h41km, mb4.7/5, Error

ellipse: s-maj=6.4km s-min=5.7km az=82.0

ISC 11 11:28:11.6:0.5:54:81N:0.0:164:26E, h35km, n226,

i130/219, mb4.1/10.4, Komandorski Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
BKI	Bering	1.06	67	eS	11 28 28.1 -1.8	Pn
BKI				eS	11 28 41.7 -1.8	Pn
BKI	Bering	1.06	67	PN	11 28 28.1 -1.8	Pn
BKI				S	11 28 41.7 -1.8	Pn
KBTR	Krutoberegovo	1.63	330	eP	11 28 34.2 -3.6	Pn
KBTR				PN	11 28 34.1 -3.6	Pn
KBG	Krutoberegovo	1.70	329	eP	11 28 35.4 -3.3	Pn
KBG				eS	11 28 55.8 -3.4	Pn
KBG	Krutoberegovo	1.70	329	PN	11 28 35.4 -3.3	Pn
KBG				S	11 28 55.8 -3.4	Pn
TUMD	Tumrok D	2.26	282	eP	11 28 44.7 -1.8	Pn
ZLN	Zelenaya	2.31	303	eP	11 28 45.8 -1.5	Pn
ZLN	Zelenaya	2.31	303	PN	11 28 45.8 -1.5	Pn
BZGR	Bezymyanni-Gr	2.33	301	eP	11 28 45.8 -1.7	Pn
BZGR				PN	11 28 45.7 -1.7	Pn
SMKR	Semkarok	2.38	319	eS	11 28 46.8 -1.4	Pn
SMKR				eS	11 29 15.9 -0.2	Pn
SMKR	Semkarok	2.38	319	PN	11 28 46.8 -1.4	Pn
SMKR				S	11 29 15.9 -0.2	Pn
CIRR	Tsirk	2.39	305	eP	11 28 46.9 -1.8	Pn
CIRR				PN	11 28 46.9 -1.8	Pn
BZP	Bezymyanni-Pe	2.40	299	eP	11 28 47.1 -1.6	Pn
LGNR	Loginova	2.40	304	eP	11 28 47.1 -1.6	Pn
LGNR				PN	11 28 47.1 -1.6	Pn
TUMR	Tumrok	2.42	283	eP	11 28 47.5 -1.2	Pn
TUMR				PN	11 28 47.5 -1.2	Pn
BZMY	Bezymyannaya	2.43	299	eP	11 28 47.4 -1.6	Pn
BZMR	Bezymyannaya	2.43	299	PN	11 28 47.4 -1.6	Pn
BZWR	Bezymyanni-We	2.44	300	eP	11 28 47.9 -1.2	Pn
BZWR				PN	11 28 47.9 -1.2	Pn
BDR	Baidarnaya	2.47	317	eP	11 28 47.9 -1.6	Pn
BDR				PN	11 28 47.9 -1.6	Pn
KMNR	Kamenistaya	2.49	294	eP	11 28 48.4 -1.3	Pn
KMNR				PN	11 28 48.4 -1.3	Pn
KIRR	Kirishev	2.52	299	eP	11 28 48.7 -1.4	Pn
KIRR				PN	11 28 48.7 -1.4	Pn
KRSR	Krestovskiy	2.53	305	eP	11 28 48.4 -1.9	Pn
KRSR				PN	11 28 48.4 -1.9	Pn
KLY	Klyuchi	2.55	308	eP	11 28 47.3 -3.1	Pn
KLY				PN	11 28 47.3 -3.1	Pn
KPT	Kopyto	2.58	298	eP	11 28 49.2 -1.3	Pn
KPT				PN	11 28 49.6 -1.3	Pn

KOZ	Kozyrevsk	2.80 298	eP	Pn	11 28 53.4 -0.4
KOZ			PN	Pn	11 28 53.4 -0.4
KII	Karymskiy	2.92 257	eP	Pn	11 28 54.0 -1.5
KII			PN	Pn	11 28 54.0 -1.5
SRDR	Srednnyy	2.92 302	eP	Pn	11 28 55.9 -0.7
SRDR			PN	Pn	11 28 55.9 -0.7
SPN	Mlyt Shipunski	3.04 237	eS	Sn	11 29 27.6 -4.5
NLC	Nalychetso	3.33 243	eS	Sn	11 29 36.3 -3.2
ESO	Esso	3.37 292	eP	Pn	11 29 00.1 -1.6
ESO			PN	Pn	11 29 00.1 -1.6
ESL	Sedlovina	3.52 246	eP	Pn	11 29 02.6 -1.4
SDR	Sedlovina	3.52 246	eP	Pn	11 29 02.6 -1.4
SMAR	Somma	3.57 247	eP	Pn	11 29 03.8 -0.9
SMAR			PN	Pn	11 29 03.8 -0.9
KRER	Koryakskii	3.58 247	eP	Pn	11 29 03.8 -1.0
KRER			PN	Pn	11 29 03.8 -1.0
UGLR	Uglovaya	3.59 246	eP	Pn	11 29 04.1 -0.7
UGLR			PN	Pn	11 29 04.1 -0.7
AVH	Avacha	3.61 247	eP	Pn	11 29 04.6 -0.4
AVH			PN	Pn	11 29 04.6 -0.4
KRX	Arik	3.61 249	eP	Pn	11 29 04.1 -1.0
KRX			PN	Pn	11 29 04.1 -1.0
KRYA	Koryak	3.61 249	eP	Pn	11 29 04.9 -0.8
KRYA			PN	Pn	11 29 04.9 -0.8
KOK	Koryak	3.65 248	PN	Pn	11 29 04.8 -0.8
DALK	Dalny	3.71 244	eP	Pn	11 29 05.1 -1.3
DALK			PN	Pn	11 29 05.1 -1.3
PET	Petrovskovsk	3.77 244	eP	Pn	11 29 06.2 -1.0
PET			PN	Pn	11 29 06.2 -1.0
PET	Petrovskovsk	3.77 244	ePN	Pn	11 29 05.4 -1.8
PET			PN	Pn	11 29 05.6 -0.5
comp-Z, 1.7nm, 0.5s					
GNL	Ganally	3.87 256	eP	Pn	11 29 08.1 -0.6
GNL			PN	Pn	11 29 08.1 -0.6
KRM	Karymskiy	4.14 244	eP	Pn	11 29 12.0 -0.2
KRM			PN	Pn	11 29 12.0 -0.2
PEAOB	Petrovskovsk	4.24 249	PN	Pn	11 29 13.0 -0.6
PEAOB			PN	Pn	11 29 13.0 -0.6
PETK	Petrovskovsk	4.24 249	PN	Pn	11 29 13.0 -0.6
PETK			PN	Pn	11 29 13.0 -0.6
comp-Z, 3.3nm, 0.5s, baz=353, slow=1.1, SNR=3.8					
PETK			Sn	Sn	11 29 59.4 -2.4
comp-Z, 3.3nm, 0.3s, baz=40, slow=18, SNR=8.8					
PETK			LR	LR	11 31 08.5
comp-Z, 7.7nm, 20.1s, baz=10, slow=42					
MTRV	Mutnovka	4.30 240	eP	Pn	11 29 13.9 -0.7
MTRV			PN	Pn	11 29 13.9 -0.7
GRL	Gorely	4.32 241	eP	Pn	11 29 14.1 -0.8
GRL			PN	Pn	11 29 14.1 -0.8
ASAK	Asacha	4.50 240	eP	Pn	11 29 16.8 -0.6
ASAK			PN	Pn	11 29 16.8 -0.6
OSSR	Ossora	4.50 352	eP	Pn	11 29 16.0 -1.2
OSSR			PN	Pn	11 29 16.0 -1.2
KDR					

Table with columns: SRU, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like San Rafael Swe, Kanab, Chiang Mai Arr, NORSAR Subarra, Lajitas Arr, TXAR.

Table with columns: HFS, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like Hagfors, NORSAR Array S, NORSAR Array B, Spitsbergen Arr, Lookout Ridge, Torodi Arr, Shalerucik Mt.

Table with columns: FIA1, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like FINESS Array S, FINESS Array R, Guam, Ksars Korea Array, CMAR Chiang Mai Arr, MJAR Mutsuhiro Arr, WRA Warramunga Arr, WRA WAKE ISLAND Hy, ASAR Alice Springs, ASAR WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, MKAR Makanchi Arr, ZALV Zalesovo Beam, KURBB Kurchatov Arra.

IDC 11 12:04:25.5i.1.9.2:92N:126.61E, h0km, mb3.9/4, mbmp4.0/4, Error ellipse: s-maj=170.4km s-min=24.3km az=65.0

NEIC 11 12:04:30.1i.1.4.2:7N:0.1i.126.5E:0.1, h35km,2km, mb4.5/18, Error ellipse: s-maj=22.5km s-min=14.2km az=229.0

ISC 11 12:04:31.5i.0.8.2:70N:0.10i.126.4E:0.1, h55km, n24, i122/24, mb4.4/14, Northern Molucca Sea

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like Tenti Ternate, TOLI2 Tolitoli, MTN Manton Dam, KNRA Kununurra, FITZ Fitzroy Crossi, WBD Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, WB2 Warramunga Arr, WR0 Warramunga Arr, PMG Port Moresby, ASAR Alice Springs, BBOO Buckleboo, STKA Stephens Creek, JMM Marunori, MKAR Makanchi Arr, D19K Kuna River, H19K Roundabout Mou, E19K Redstone River, SUCK Suckling Hills, E20M Blow River, G30M Taoh Zraii Nji, INK Inuvik.

Table with columns: F19K, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like Anvik River, Innoko River, Iditarod, Nowinta River, Lobatse, Bear Paw Mtn, Holitna River, Nenana, Brown Creek, Eielson Array, Warramunga Arr, Tennant Creek, Warramunga Arr, Warramunga Arr, Whitestone, Skwentna, Denali Highway, Sand Creek, Mount Dempster, Sheep Creek Mt, Dawson, Alice Springs, Keravat, Sutherland, Stephens Creek, Mont Tremblant.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like Guam, Ksars Korea Array, CMAR Chiang Mai Arr, MJAR Mutsuhiro Arr, WRA Warramunga Arr, WRA WAKE ISLAND Hy, ASAR Alice Springs, ASAR WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, MKAR Makanchi Arr, ZALV Zalesovo Beam, KURBB Kurchatov Arra.

RSNC 11 12:45:31.0i.0.7N:1.7i.73W:1i, h141km,3km, M2.5, mb3.6, ML2.3, Northern Colombia

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like BARC Barichara, BRJC Barrancabermej, PAMC Pamplona, RUSC La Rusia, TAMC Tama, PTBC PUERTO BERRIO, OCAC Ocana, SPBC San Pablo de B, ZARC Zaragoza, CHIC Chingaza, CVER Cruz Verde, HELC Santa Helena, HREC San Jose de Ur, UREC Puerto Gaitan, PTGC Pitalito, RECR Villamaría, DBBC Dabeiba, SDV Santo Domingo, PRAC Prado, ORTC Ortega, URMIC La Uribe, URMU Uribia, URIC Uribia.

IDC 11 12:05:36.2i.0.8.33:53N:76.35E, h0km, mb4.1/13, mbmp4.1/17, ML3.5/4, MS3.0/3, Error ellipse: s-maj=24.1km s-min=13.5km az=53.0

NEIC 11 12:05:41.8i.1.9.33:64N:0.09i.76:2E:0.1, h35km,2km, mb4.4/40, Error ellipse: s-maj=15.2km s-min=13.7km az=142.0

ISC 11 12:05:40.0i.0.6.33:58N:0.07i.76:21E:0.07, h26km, n72, i131/73, mb4.3/32, MS3.5/3, Kashmir-India border region

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like Nilore, Kashi, KBL Kabul, GAR Karamyk, DRK Garm, CHGR Chuyangaron, SIMJ Simingji, BTK Batken, NRN Naryn, ARSB Arslanbob, TARG Taragay, AAK Ala-Archa, AAK Ala-Archa, AAK Karatay Arr, MAK Makanchi, MK31 Makanchi Arr, MKAR Makanchi Arr, MKAR Kurchatov Arra, KURK Kurchatov Arr, ABKAR Abkural array, BVAR Borovoye Arr, BRVK Borovoye, ZAAO Zalesovo Array, ZALV Zalesovo Beam, AKTO Aktyubinsk, CHTO Chiang Mai, CRAI Chiang Mai, CMAR Chiang Mai Arr, PHRA Phrae, SONM SONGINGO ARR, AKASG Malin Arr, FIA1 FINESS Array S, FINES FINESS Array B, ARCES ARCES Array B.

IDC 11 12:14:50.8i.1.8.30:30N:130.81E, h0km, mb3.8/6, mbmp3.7/7, ML2.6/1, MS3.4/1, Error ellipse: s-maj=57.0km s-min=25.0km az=81.0

JMA 11 12:14:54.9i.0.2.30:4N:0.6i.131:1E:1.0, h31km, MV3.1/20, NEAR TANEGASHIMA ISLAND

NEIC 11 12:14:57.8i.1.9.30:47N:0.05i.130:3E:0.1, h35km,2km, mb4.6/8, Error ellipse: s-maj=19.8km s-min=8.3km az=281.0

ISC 11 12:14:55.6i.0.7.30:50N:140.0i.130:84E:0.06, h21km,1km, n32, i161/33, mb4.4/10, Kyushu

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like JMTN Minamitane, JTN Tanegashima, JYAK Yakushimahiray, JKC Kuchinoerabu, JTSR Tashiro 2, JSU Suzuyama, JNKV Nakanojima, JNAR Kuzuyama-Naru, JNKG Nichinankitago, JNU Nakatsu, JOW Kunigami, JMJ Midamitadai, JNCH Inchoh, MAJO Matsushiro, MJB9 Matsu-Tunnel, SONGINGO ARR, H1N12 WAKE ISLAND Hy, H1N11 WAKE ISLAND Hy, H1N13 WAKE ISLAND Hy, KURBB Kurchatov Arra, BVAR Borovoye Arr, WRAB Tennant Creek, WRA Warramunga Arr, WB2 Warramunga Arr, ABKAR Abkural array, J18K Poorman, P18K Big Mountain, SPU Mount Spurr, D23K Nanashuk River.

IDC 11 12:52:28.4i.1.0.4:55S:102:20E, h0km, mb4.3/14, mbmp4.3/14, MS3.3/4, Error ellipse: s-maj=38.4km s-min=14.8km az=55.0

NEIC 11 12:52:35.2i.1.7.4:55S:0.04i.102:16E:0.0, h50km,2km, mb4.6/43, Error ellipse: s-maj=10.6km s-min=3.5km az=123.0

DJA 11 12:52:35.7i.0.5.5:6i.10:2E:1i, h43km,25km, MA.7/7, MLV4.7/7

ISC 11 12:52:33.0i.0.5.4:65S:0.06i.102:17E:0.06, h37km, n98, i153/89, mb4.6/39, MS3.6/4, ID, Southern Sumatara

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like EGSI Enggano, UBUI University, LWLI Liwa, KASI Kota Agung, PULAI Pangai, BLSI Bandar Lampung, PDSI Padang, SISI Saibi, SBUI Singbunglung, MYKOM Kota Tinggi, GSI Gunungstigi, UGM Wanagama, UGM Wanagama, IPMI Ipot, COCO West Island, KULM Kulim, JAGI Jajag, YAGI Jajag, KAPI Kappang, PBA Port Blair, MYLDM Lahad Datu, TOLI2 Tolitoli, UBPT Khong Chiam, SOEI Soe, PHRA Phrae, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai, MBWA Marble Bar, PSAOO Pilbara Seismi, CRAI Chiangrai, SLVN Son La, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like KSAR, USR, JHS, JSD, MDJ, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like BJT, KUR, XLT, JOW, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like WMQ, CRAI, UBPT, etc.

11d 13h

BTL5	comp=Z,10,0nm,0.4s	pmx	pmx				
CHMS	Chumysh SNR=8	42.69	294	P	P	13 28 03.5	+0.6
M11K	Mekovak baz=270	42.72	40	P	P	13 28 03.9	+1.2
USP	Ospenovka SNR=5.7	42.79	294	P	P	13 28 04.2	+0.5
KSH	Kashi	42.85	289	P	P	13 28 08.7	+4.4
KSH	comp=Z,23nm,0.9s			pmx	pmx		
KRAI	Karang Ratu comp=Z,57nm,1.2s	42.87	186	P	P	13 28 06.6	+2.0
UNV	Unalaska Valle baz=277	42.90	50	P	P	13 28 05.4	+1.2
KSM	Kuching	42.95	213	P	P	13 28 07.7	+0.5
KSM	comp=Z,13nm,0.9s			Iamb	Iamb		
KSM	Kuching comp=Z,17nm,1.2s	42.95	213	P	P	13 28 05.9	+0.7
F14K	Arctic Creek baz=264	42.96	33	P	P	13 28 05.5	+0.9
AAK	Ala-Archa SNR=24	42.97	294	P	P	13 28 05.9	+0.6
AAK	Ala-Archa	42.97	294	P	P	13 28 05.4	+0.2
AAK	Ala-Archa SNR=26	42.97	294	P	P	13 28 05.4	+0.2
AAK	Ala-Archa comp=Z,27nm,0.8s	42.97	294	i	P	13 28 05.6	+0.4
AAK	Ala-Archa	42.97	294	P	P	13 28 05.4	+0.2
AAK	Ala-Archa	42.97	294	P	P	13 28 05.4	+0.2
UCH	comp=Z,27nm,0.8s			pmx	pmx		
UCH	Uchter SNR=21	43.07	293	P	P	13 28 07.3	+0.9
ANM	Nome	43.28	34	P	P	13 28 07.8	+0.7
ARLS	Arli	43.31	292	P	P	13 28 09.2	+1.3
EKS2	Erkin-Say SNR=22	43.47	294	P	P	13 28 09.6	+0.5
K13K	Kusilyuk Mount baz=270	43.49	38	P	P	13 28 09.4	+0.6
BVA0	Borovoye Array	43.51	309	i	P	13 28 07.6	-1.5
BVAR	Borovoye Array	43.51	309	P	P	13 28 08.9	-0.1
BVAR	comp=Z,7.7nm,0.3s,baz=95,slow=7.0,SNR=56			PcP	PcP	13 29 45.0	-0.8
BVAR	comp=Z,6.3nm,0.7s,baz=100,slow=6.0,SNR=54			ScP	ScP	13 32 47.5	-1.4
BVAR	comp=Z,2.5nm,0.8s,baz=67,slow=1.9,SNR=4.9						
BRVK	Borovoye	43.56	309	P	P	13 28 09.3	-0.2
BRVK	Uchter	43.56	309	i	P	13 28 10.5	
BRVK	Borovoye	43.56	309	i	P	13 28 08.4	-1.1
BRVK	Borovoye	43.56	309	i	P	13 28 08.4	-1.1
BRVK	Borovoye	43.56	309	i	P	13 28 08.4	-1.1
F15K	North Star Dit baz=266	43.67	32	P	P	13 28 10.6	+0.4
AML	Almayashu SNR=18	43.68	293	P	P	13 28 12.0	+0.9
C16K	Lisburne Hills baz=262	43.69	29	P	P	13 28 10.5	+0.3
G15K	Niukluk	43.88	33	P	P	13 28 12.1	+0.4
J14K	Nanvaranak Lak baz=270	44.01	37	P	P	13 28 13.3	+0.5
M13K	Dall Lake baz=272	44.14	40	P	P	13 28 15.0	+1.2
L14K	Kuka Creek baz=272	44.44	39	P	P	13 28 17.0	+0.9
D17K	Noatak River baz=265	44.47	29	P	P	13 28 17.0	+0.8
C17K	DeLong Mountai baz=264	44.51	28	P	P	13 28 17.0	+0.3
KULM	Kulim	44.56	228	P	P	13 28 19.1	+1.4
RDOG	Red Dog Mine baz=265	44.57	29	P	P	13 28 17.4	+0.4
G16K	Koyuk River baz=268	44.61	33	P	P	13 28 17.9	+0.6
H16K	Elim baz=269	44.63	34	P	P	13 28 17.7	+0.1
M14K	Bethel baz=273	44.81	39	P	P	13 28 20.1	+1.1
OHH	Osh	44.83	291	P	P	13 28 20.2	+0.6
E17K	Hotham Inlet baz=267	44.91	30	P	P	13 28 20.2	+0.5
K15K	Wolf Creek Moun baz=272	44.96	37	P	P	13 28 21.3	+1.1
N14K	Kuskokwak Cree baz=274	44.99	41	P	P	13 28 21.0	+0.5
L15K	Ungalak Mounta baz=272	45.00	38	P	P	13 28 21.5	+1.1
IPM	Ipo	45.00	227	P	P	13 28 21.1	-0.1
F17K	Baldwin Pennin baz=268	45.10	31	P	P	13 28 21.7	+0.5
DZA	Taraz	45.12	295	eP	P	13 28 22.2	+0.4
DZA	Taraz	45.12	295	eP	P	13 28 22.2	+0.4
S12K	Black Hills baz=278	45.23	47	P	P	13 28 22.3	0.0
C18K	Utukok River baz=262	45.25	28	P	P	13 28 22.9	+0.5
O14K	Tiguykaiuvet M baz=275	45.26	42	P	P	13 28 23.7	+1.2
KAVG	Kavieng	45.28	154	P	P	13 28 23.8	+0.6
G17K	Kiwalik Mounta baz=269	45.32	33	P	P	13 28 24.1	+1.2
J16K	Anvik River baz=272	45.36	36	P	P	13 28 24.4	+1.2
E18K	Tukphalearik C baz=269	45.40	30	P	P	13 28 24.4	+0.9
A19K	Wainwright baz=264	45.44	26	P	P	13 28 24.2	+0.6
M15K	Kasigliuk River baz=274	45.44	39	P	P	13 28 24.9	+1.1
KK31	Karatay Array	45.63	295	i	P	13 28 25.7	0.0
KKAR	Karatay Array	45.63	295	P	P	13 28 25.6	-0.1
KKAR	Karatay Array comp=Z,46nm,1.0s	45.63	295	Iamb	Iamb	13 28 27.0	
KKAR	Karatay Array	45.63	295	P	P	13 28 25.6	-0.1
TRKS	Terek-Say	45.68	293	P	P	13 28 26.8	+0.5
F19K	Setawik baz=269	45.75	31	P	P	13 28 26.7	+0.6
N15K	Kwethluk River baz=275	45.77	40	P	P	13 28 27.8	+1.4
C19K	Lookout Ridge baz=267	45.87	28	P	P	13 28 27.5	+0.5
L16K	Owhat River baz=274	45.95	38	P	P	13 28 29.0	+1.2
O15K	Ungalikthiuk R baz=276	46.01	42	P	P	13 28 28.1	-0.1
J17K	VABM Dome	46.04	36	P	P	13 28 30.1	+1.7
J17K	comp=Z,6.0nm,0.9s			Iamb	Iamb	13 28 31.3	
J17K	VABM Dome	46.04	36	P	P	13 28 29.4	+1.0
BKSI	Bulukumba	46.12	197	P	P	13 28 29.1	-0.5
BRLS	Borolday baz=295	46.13	296	eP	P	13 28 31.2	+1.8
BRLS	Borolday	46.13	296	eP	P	13 28 31.2	+1.8
G18K	Tagagawik baz=271	46.15	32	P	P	13 28 30.3	+1.1
SDPT	Sand Point baz=290	46.17	47	P	P	13 28 31.1	+1.6
M16K	Timber Creek baz=275	46.26	39	P	P	13 28 32.0	+1.9
H18K	Honhosa River baz=272	46.28	33	P	P	13 28 31.4	+1.1
D19K	Kuna River baz=269	46.38	29	P	P	13 28 32.1	+1.2
N16K	Nishlik Lake baz=276	46.40	40	P	P	13 28 32.4	+1.2
BTK	Batken comp=Z,18nm,0.9s	46.41	291	Iamb	Iamb	13 28 36.6	
BTK	Batken	46.41	291	P	P	13 28 31.9	+0.2
K17K	Iditarod baz=274	46.43	37	P	P	13 28 32.9	+1.5
L17K	Donlin baz=275	46.48	37	P	P	13 28 33.6	+1.9
F19K	Shalercrukik Mo baz=271	46.49	31	P	P	13 28 32.0	+0.2
E19K	Redstone River baz=271	46.70	30	P	P	13 28 34.4	+1.3
B20K	Meade River baz=268	46.76	26	P	P	13 28 34.4	+0.6
CHNA	Chernabura Isl	46.76	47	P	P	13 28 33.8	-0.2
CHNA	Chernabura Isl	46.76	47	P	P	13 28 35.1	+1.1

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G19K	Purcell Mounta baz=272	46.78	32	P	P	13 28 34.8	+0.8
BSSI	Bau Bau, Buton	46.83	196	P	P	13 28 33.9	-1.1
O16K	Kokwok River B baz=277	46.84	41	P	P	13 28 35.5	+1.0
D20K	Etiyuk River	46.93	28	P	P	13 28 35.7	+0.6
GCSA	Galena City Sc baz=274	46.93	34	P	P	13 28 36.0	+0.9
M17K	Holitna River baz=276	46.95	38	P	P	13 28 36.6	+1.2
H19K	Roundabout Mou comp=Z,9.4nm,0.7s	47.07	33	Iamb	Iamb	13 28 38.8	
H19K	Roundabout Mou baz=273,SNR=9.8	47.07	33	P	P	13 28 37.3	+1.2
NIL	Nilore	47.08	282	P	P	13 28 37.4	+0.6
NIL	Nilore	47.08	282	P	P	13 28 37.4	+0.6
NIL	Nilore	47.08	282	P	P	13 28 37.4	+0.6
E20K	Nigu River baz=271	47.09	29	P	P	13 28 37.1	+0.8
J18K	Innoko River baz=275	47.09	35	P	P	13 28 37.7	+1.2
N17K	Nushagak Hills baz=277	47.17	39	P	P	13 28 38.1	+1.1
RABL	Rabaul	47.25	153	P	P	13 28 39.9	+1.6
F20K	Avaraat Lake	47.30	30	P	P	13 28 39.2	+1.4
O17K	Koliganek Bris baz=279	47.32	40	P	P	13 28 39.0	+0.9
J19K	Poorman baz=275	47.53	35	P	P	13 28 41.3	+1.6
C21K	Knifeblade Rid baz=276	47.59	28	P	P	13 28 41.3	+1.3
B21K	Ikpkuk River baz=271	47.64	27	P	P	13 28 41.6	+1.2
M18K	Stony River baz=277	47.71	38	P	P	13 28 42.8	+1.7
H20K	Anolleneega Mo baz=277	47.73	33	P	P	13 28 42.6	+1.4
N18K	Kilae Creek baz=278	47.79	39	P	P	13 28 43.4	+1.7
E21K	Killik River baz=279	47.90	29	P	P	13 28 43.2	+0.8
I20K	Nagahdeneel baz=276	47.95	33	P	P	13 28 44.1	+1.3
R17L	Mt. Pegulik Vol baz=276	48.03	43	P	P	13 28 44.4	+0.8
B22K	Teshpekuk Lake baz=272	48.04	26	P	P	13 28 43.9	+0.6
L19K	White Mountain baz=278	48.08	37	P	P	13 28 44.6	+0.8
F21K	Alatna River baz=274	48.16	30	P	P	13 28 45.3	+0.9
J20K	Nowinta River baz=276	48.16	34	P	P	13 28 45.4	+1.0
Q17K	Contact Creek baz=276	48.17	42	P	P	13 28 45.6	+1.0
G21K	Allakaket baz=275	48.20	31	P	P	13 28 45.5	+0.8
SIMJ	Simiganj	48.22	290	P	P	13 28 45.5	0.0
O18K	Kotlu Hills baz=279	48.25	40	P	P	13 28 45.5	+0.3
K20K	Telida baz=277,SNR=5.0	48.29	35	P	P	13 28 46.3	+0.9
P18K	Big Mountain, baz=278	48.31	41	P	P	13 28 45.6	0.0
M19K	Big River Lodg baz=278	48.33	37	P	P	13 28 47.4	+1.7
D22K	Aiyikyak River baz=278	48.35	28	P	P	13 28 46.5	+0.7
SVE	Sverdlovsk	48.43	316	i	P	13 28 46.7	+0.2
SVE	SVE	48.43	316	i	P	13 28 46.7	+0.2
N19K	Boranza Creek comp=Z,7.1nm,1.0s	48.45	39	P	P	13 28 48.3	+1.6
L20K	Farewell, AK baz=278	48.49	37	P	P	13 28 48.5	+1.5
Q18K	Katmai Hardscr baz=281	48.55	42	P	P	13 28 48.9	+1.4
H21K	Melozitna Rive baz=276	48.57	32	P	P	13 28 48.6	+1.2
F22K	John River baz=275	48.64	30	P	P	13 28 49.1	+1.1
E22K	Anatuk Pass comp						

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like YUK8 Steele Glacier, INK Inuvik, I30M Mount Dempster, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AS01 Alice Springs, GOF Gofitsyov, FAUS Lofoten, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BR131 Keskin Array S, BR106 Keskin Array S, BR104 Keskin Array S, etc.

JUNU	Nakatsue	12.29 232	P	Pn	13 28 54.6	+3.7
JUNU	comp=Z,14nm,0.7s,baz=62,slow=11,SNR=10					
JUNU	LR			LR	13 33 24.7	
TJN	comp=Z,891nm,20.8s,baz=44,slow=36					
CN2	Taejo	12.74 252	i	P	13 28 59.6	+2.7
CN2	Changchun	12.80 287	P	Pn	13 29 02.4	+4.7
CN2	comp=Z,1.0nm,0.6s					
CN2	LR			LR		
CN2	comp=Z,500nm,18.0s					
CN2	LR			LR		
CN2	comp=Z,1µm,18.0s					
CN2	LR			LR		
CN2	comp=Z,2µm,19.0s					
CN2	LR			LR		
INCN	Inchon	12.81 258	P	Pn	13 29 01.5	+3.6
HEH	HeiHe	13.80 316	eP	Pn	13 29 10.2	-1.1
HEH	comp=Z,22nm,1.0s					
HEH	LR			LR		
HEH	comp=Z,910nm,15.5s					
HEH	LR			LR		
HEH	comp=Z,690nm,14.9s					
HEH	LR			LR		
HEH	comp=Z,2µm,17.8s					
HEH	LR			LR		
JCJ	Chichijima	14.14 181	LR	LR	13 36 46.2	
SNY	Shenyang	14.16 279	iP	Pn	13 29 18.2	+2.1
SNY	comp=Z,152nm,20.3s,baz=328,slow=46					
SNY	S			Pn	13 31 56.4	+4.8
SNY	comp=Z,21nm,1.2s					
SNY	LR			LR		
SNY	comp=Z,340nm,14.1s					
SNY	LR			LR		
SNY	comp=Z,590nm,21.7s					
SNY	LR			LR		
SNY	comp=Z,1µm,18.5s					
PEA08	Petrovavlovsk-	15.70 36	P	Pn	13 29 34.2	-1.9
PETK	comp=Z,0.5nm,0.3s,baz=224,slow=9.4,SNR=6.0					
PETK	LR			LR	13 29 34.1	-2.0
DL2	Dalian	16.11 268	P	P	13 35 51.8	
DL2	comp=Z,451nm,21.9s,baz=223,slow=38					
DL2	LR			LR	13 29 43.1	-0.9
DL2	comp=Z,62nm,0.9s					
DL2	LR			LR		
DL2	comp=Z,470nm,17.1s					
DL2	LR			LR		
DL2	comp=Z,580nm,15.7s					
DL2	LR			LR		
DL2	comp=Z,740nm,22.6s					
DL2	LR			LR		
ZEA	Zeya	16.12 326	eP	Pn	13 29 39.8	-1.7
ZEA	comp=N,60nm,0.9s					
ZEA	LR			LR		
ZEA	comp=E,50nm,0.7s					
ZEA	LR			LR		
ZEA	comp=Z,80nm,0.9s					
ZEA	LR			LR		
HIA	Hailar	17.83 304	P	Pn	13 30 00.5	-2.4
HIA	comp=Z,26nm,0.9s					
HIA	LR			LR	13 30 00.5	-2.4
MA2	Magadan	19.05 13	P	P	13 30 14.6	-1.7
MA2	comp=Z,18nm,0.8s,baz=200,slow=6.1,SNR=4.5					
MA2	LR			LR	13 30 14.7	-1.6
MA2	comp=Z,344nm,18.6s,baz=210,slow=40					
MA2	LR			LR	13 38 50.4	
MA2	comp=Z,53nm,1.1s					
MA2	LR			LR	13 30 15.8	-0.5
MA2	comp=Z,380nm,0.8s					
MA2	LR			LR	13 30 14.6	-1.7
XLT	XiLinHaoTe	19.57 287	eP	P	13 30 19.8	-2.4
XLT	comp=Z,20nm,1.1s					
XLT	LR			LR		
XLT	comp=Z,91nm,3.7s					
XLT	LR			LR		
XLT	comp=Z,570nm,18.1s					
XLT	LR			LR		
XLT	comp=Z,740nm,21.1s					
XLT	LR			LR		
BJI	Beijing	19.96 275	P	P	13 30 24.3	-2.0
BJI	comp=Z,21nm,0.9s					
BJI	LR			LR	13 30 45.0	+0.8
BJI	comp=Z,77nm,14.9s					
BJI	LR			LR	13 34 32.8	+2.1
BJI	comp=Z,380nm,17.1s					
BJI	LR			LR		
BJI	comp=Z,450nm,17.8s					
BJI	LR			LR		
BJT	Baijiatou	19.97 275	P	P	13 30 24.0	-2.4
BJT	comp=Z,21nm,0.9s					
BJT	LR			LR	13 30 24.0	-2.4
BJT	comp=Z,45nm,1.1s					
BJT	LR			LR		
TIA	Taifan	20.37 264	P	P	13 30 28.9	-1.9
TIA	comp=Z,36nm,0.8s					
TIA	LR			LR	13 34 41.2	-0.6
TIA	comp=Z,140nm,3.5s					
TIA	LR			LR		
TIA	comp=Z,350nm,17.7s					
TIA	LR			LR		
TIA	comp=Z,440nm,16.1s					
TIA	LR			LR		
TIA	comp=Z,680nm,18.4s					
TIA	LR			LR		
NJ2	Nanjing	21.00 252	eP	P	13 30 35.6	-2.0
NJ2	comp=Z,65nm,0.8s					
NJ2	LR			LR		
NJ2	comp=Z,690nm,17.1s					
NJ2	LR			LR		
NJ2	comp=Z,760nm,16.6s					
NJ2	LR			LR		
HNS	HongShan	21.77 269	iP	P	13 30 42.7	-3.1
HNS	comp=Z,35nm,1.0s					
HNS	LR			LR	13 34 38.7	-5.0
HNS	comp=Z,210nm,17.5s					
HNS	LR			LR		
HNS	comp=Z,380nm,17.5s					
HNS	LR			LR		
HNS	comp=Z,450nm,17.2s					
HNS	LR			LR		
YAK	Yakutsk	22.18 344	P	P	13 30 46.6	-3.3
YAK	comp=Z,163nm,0.7s,baz=135,slow=4.6,SNR=35					
YAK	LR			LR	13 30 46.4	-3.6
YAK	comp=Z,426nm,18.8s,baz=148,slow=37					
YAK	LR			LR	13 39 49.4	
YAK	comp=Z,211nm,19.4s,baz=168,slow=38					
YAK	LR			LR	13 30 45.8	-4.1
YAK	comp=Z,8.0nm,0.8s					
YAK	LR			LR	13 34 45.3	-5.5
YAK	comp=Z,174nm,1.9s					
YAK	LR			LR	13 35 19.6	+1.5
YAK	comp=Z,148nm,0.9s					
YAK	LR			LR	13 41 56.3	
YAK	comp=N,42nm,1.0s					
YAK	LR			LR		
YAK	comp=E,28nm,1.1s					
YAK	LR			LR		
YAK	comp=N,219nm,2.2s					
YAK	LR			LR		
YAK	comp=E,174nm,1.9s					
YAK	LR			LR		
SEY	Seymchan	22.49 12	P	P	13 30 50.3	-3.0
SEY	comp=E,7.1nm,0.4s,baz=212,slow=12,SNR=25					
SEY	LR			LR	13 30 51.5	-1.8
SEY	comp=Z,2.0nm,0.2s					
SEY	LR			LR		
HHC	Hu-ho-hao-te	23.25 279	iP	P	13 30 58.3	-3.1
HHC	comp=Z,25nm,0.5s					
HHC	LR			LR	13 35 02.2	-7.5
HHC	comp=Z,130nm,4.1s					
HHC	LR			LR		
HHC	comp=Z,270nm,13.7s					
HHC	LR			LR		
HHC	comp=Z,510nm,18.9s					
HHC	LR			LR		
HHC	comp=Z,970nm,18.6s					
HHC	LR			LR		
TIY	Taiyuan	23.39 271	eP	P	13 31 00.4	-2.3
TIY	comp=Z,23nm,0.6s					

TIY	comp=Z,320nm,17.1s					
TIY	LR			LR		
TIY	comp=Z,220nm,17.8s					
TIY	LR			LR		
TIY	comp=Z,300nm,18.2s					
TIY	LR			LR		
TATO	Taipei	23.83 234	P	P	13 31 05.6	-1.2
TATO	comp=Z,320nm,17.1s					
TATO	LR			LR	13 35 28.4	+9.4
TATO	comp=Z,220nm,17.8s					
TATO	LR			LR	13 31 11.1	-1.4
TATO	comp=Z,300nm,18.2s					
TATO	LR			LR	13 31 25.3	0.0
TATO	comp=Z,320nm,17.1s					
TATO	LR			LR	13 31 32.8	+1.4
TATO	comp=Z,220nm,17.8s					
TATO	LR			LR	13 31 48.9	+3.8
TATO	comp=Z,320nm,17.1s					
TATO	LR			LR	13 35 29.2	+0.3
TATO	comp=Z,220nm,17.8s					
TATO	LR			LR	13 35 50.6	+0.3
TATO	comp=Z,320nm,17.1s					
TATO	LR			LR	13 36 23.2	+6.5
TATO	comp=Z,84nm,1.4s					
TATO	LR			LR		
TATO	comp=Z,340nm,5.4s					
TATO	LR			LR		
TATO	comp=Z,820nm,16.8s					
TATO	LR			LR		
TATO	comp=Z,1µm,19.6s					
TATO	LR			LR		
TATO	comp=Z,2µm,24.7s					
TATO	LR			LR		
LYN	LuoYang	24.52 264	P	P	13 31 10.9	-2.2
LYN	comp=Z,38nm,1.2s					
LYN	LR			LR	13 31 22.4	-3.5
LYN	comp=Z,480nm,18.5s					
LYN	LR			LR	13 31 27.7	-3.2
LYN	comp=Z,490nm,18.9s					
LYN	LR			LR	13 31 48.8	+2.7
LYN	comp=Z,700nm,21.0s					
LYN	LR			LR		
BOD	Bodaibo	24.53 322	eP	P	13 31 11.7	-1.3
BOD	comp=Z,38nm,1.2s					
BOD	LR			LR		
BOD	comp=Z,480nm,18.5s					
BOD	LR			LR		
BOD	comp=Z,490nm,18.9s					
BOD	LR	</				

11d 13h

H17K	Granite Mounta baz=262,SNR=21	39.97	34	P	P	13 33 29.3 +1.6
M16K	Timber Creek baz=262	40.07	40	P	P	13 33 30.5 +2.0
E18K	Tukpahleark R baz=259,SNR=7.4	40.10	30	P	P	13 33 29.7 +1.0
E18K	Tukpahleark C baz=259,SNR=7.4	40.10	30	P	P	13 33 29.7 +1.0
B18K	Kokolik River baz=255	40.11	27	P	P	13 33 29.7 +0.6
C18K	Utukok River baz=261,SNR=14	40.15	28	P	IAmb	13 33 30.1 +1.0
C18K	Utukok River baz=257,SNR=5.5	40.15	41	P	P	13 33 30.9 +1.7
N16K	Nishlik Lake baz=269,SNR=10	40.16	37	IAmb	IAmb	13 33 33.0
J17K	VABM Dome comp=Z,21nm,1.1s	40.16	37	P	P	13 33 31.9 +2.6
J17K	VABM Dome baz=265,SNR=18	40.16	37	P	P	13 33 31.9 +2.6
F18K	Selawik baz=261,SNR=14	40.32	32	P	P	13 33 31.9 +1.5
L17K	Donlin baz=267,SNR=8.3	40.44	38	P	P	13 33 33.5 +2.0
K17K	Iditarod baz=267,SNR=8.3	40.47	38	P	P	13 33 33.1 +1.3
K17K	Iditarod comp=Z,21nm,0.9s	40.47	38	P	IAmb	13 33 40.6
K17K	Iditarod baz=267,SNR=14	40.47	38	P	P	13 33 34.1 +2.3
O16K	Kokwok River B baz=267,SNR=14	40.48	42	P	P	13 33 32.6 +0.7
O16K	Kokwok River B baz=267,SNR=14	40.48	42	P	P	13 33 33.9 +2.0
P16K	Nushagak River baz=271	40.54	43	P	P	13 33 33.9 +1.5
A19K	Wainwright baz=255	40.57	26	P	P	13 33 34.5 +2.0
G18K	Tagagawik comp=Z,27nm,0.8s	40.62	33	IAmb	IAmb	13 33 35.5
G18K	Tagagawik baz=262	40.62	33	P	P	13 33 34.2 +1.3
H18K	Honhosa River comp=Z,39nm,0.8s	40.65	34	IAmb	IAmb	13 33 36.1
H18K	Honhosa River baz=262,SNR=14	40.65	34	P	P	13 33 35.2 +2.0
C19K	Lookout Ridge baz=258	40.82	28	P	P	13 33 35.8 +1.2
M17K	Hollitna River comp=Z,25nm,1.1s	40.82	40	IAmb	IAmb	13 33 44.8
M17K	Hollitna River baz=269,SNR=9.9	40.82	40	P	P	13 33 36.7 +2.0
ZSN	Zaisan comp=Z,20nm,0.9s,baz=299	40.82	299	eP	P	13 33 34.6 -0.3
ZSN	Zaisan comp=Z,20nm,0.9s,baz=299	40.82	299	eS	S	13 39 41.4 -0.8
ZSN	Zaisan comp=Z,20nm,0.9s,baz=299	40.82	299	eS	S	13 33 34.0 -0.3
ZSN	Zaisan comp=Z,20nm,0.9s,baz=299	40.82	299	eS	S	13 39 41.4 -0.8
N17K	Nushagak Hills baz=271	40.93	41	P	P	13 33 37.1 +1.5
O17K	Koiliganek Bris baz=271	40.99	42	P	P	13 33 37.6 +1.6
F19K	Shaloruckik Mo comp=Z,39nm,1.6s	41.10	31	IAmb	IAmb	13 33 38.9
F19K	Shaloruckik Mo baz=262,SNR=14	41.10	31	P	P	13 33 37.6 +0.7
L18K	Granite Mounta baz=269,SNR=5.6	41.19	38	P	P	13 33 40.0 +2.3
D19K	Kuna River baz=260	41.23	29	P	P	13 33 38.8 +0.9
J18K	Innoko River baz=267,SNR=8.8	41.23	37	P	P	13 33 40.0 +1.9
GCSA	Galena City Sc baz=265,SNR=16	41.24	35	P	P	13 33 39.5 +1.4
Q16K	King Salmon baz=273	41.25	44	P	P	13 33 39.6 +1.4
G19K	Purcell Mounta baz=264,SNR=17	41.29	32	P	P	13 33 39.6 +1.1
CRAI	Chiangrai comp=Z,60nm,1.0s	41.30	252	IAmb	IAmb	13 33 43.4
P17K	Kvichak River baz=272	41.34	43	P	P	13 33 40.2 +1.3
E19K	Redstone River baz=262	41.39	30	P	P	13 33 40.3 +1.0
R17L	Mt. Peulik Vol baz=274	41.47	45	P	P	13 33 41.4 +1.3
H19K	Roundabout Mou baz=265,SNR=6.4	41.49	33	P	P	13 33 41.6 +1.5
N18K	Kilae Creek baz=271	41.57	41	P	P	13 33 43.2 +2.3
M18K	Stony River baz=270	41.60	40	P	P	13 33 43.1 +2.1
Q17K	Contact Creek baz=274	41.67	44	P	P	13 33 43.5 +1.7
J19K	Poorman comp=Z,39nm,0.9s	41.74	36	IAmb	IAmb	13 33 45.1
J19K	Poorman baz=268,SNR=42	41.74	36	P	P	13 33 44.0 +1.8
D20K	Etiyuk River baz=261	41.80	29	P	P	13 33 43.6 +0.9
B20K	Meade River baz=259,SNR=9.4	41.89	29	P	P	13 33 44.4 +0.9
F20K	Avaraat Lake baz=264,SNR=6.2	41.92	31	P	P	13 33 44.5 +0.9
O18K	Koktuh Hills baz=273	41.94	42	P	P	13 33 45.4 +1.6
P18K	Big Mountain baz=273	41.95	43	P	P	13 33 45.4 +1.4
CHIR	Chirikof Islan baz=277	42.04	48	P	P	13 33 45.7 +1.0
L19K	White Mountain baz=270	42.05	38	P	P	13 33 46.3 +1.5
Q18K	Katmai Hardscr baz=274	42.11	44	P	P	13 33 46.6 +1.2
H20K	Anotleneega Mo baz=263,SNR=41	42.14	34	P	P	13 33 47.0 +1.5
N19K	Bonanza Creek baz=272	42.26	41	P	P	13 33 48.2 +1.6
A21K	Barrow baz=258	42.27	25	P	P	13 33 47.6 +1.3
I20K	Naaghedeneel comp=Z,56nm,1.0s	42.27	35	IAmb	IAmb	13 33 49.9
I20K	Naaghedeneel baz=268,SNR=12	42.27	35	P	P	13 33 48.2 +1.7
M19K	Big River Lodg baz=271	42.27	39	P	P	13 33 48.1 +1.5
J20K	Nowinta River comp=Z,51nm,1.1s	42.39	36	IAmb	IAmb	13 33 50.9
J20K	Nowinta River baz=269,SNR=55	42.39	36	P	P	13 33 49.2 +1.7
K20K	Telida comp=Z,54nm,1.8s	42.42	37	IAmb	IAmb	13 33 51.1
K20K	Telida baz=270,SNR=12	42.42	37	P	P	13 33 49.8 +2.1
R18K	Karluk baz=276	42.49	45	P	P	13 33 50.3 +2.0
L20K	Farewell, AK baz=271,SNR=5.2	42.51	38	P	P	13 33 50.2 +1.7
C21K	Knifeflade Rid baz=283,SNR=6.0	42.52	28	P	P	13 33 49.8 +1.3
IMAR	Indian Mountai comp=Z,45nm,0.8s	42.63	33	P	P	13 33 50.9 +1.5
B21K	Ikpikpuk River baz=262,SNR=10	42.64	27	IAmb	IAmb	13 33 51.6
B21K	Ikpikpuk River baz=262,SNR=10	42.64	27	P	P	13 33 50.4 +0.9
MK31	Makanchi Array MK31	42.69	298	P	P	13 33 50.0 -0.2
MK31	Makanchi Array comp=Z,35nm,1.0s	42.69	298	IAmb	IAmb	13 33 51.3
MK31	Makanchi Array comp=Z,35nm,1.0s	42.69	298	P	P	13 33 50.0 -0.2
MKAR	Makanchi Array comp=Z,22nm,0.8s,baz=80,slow=10.0,SNR=80	42.69	298	P	P	13 33 49.9 -0.3
MKAR	Makanchi Array comp=Z,22nm,0.8s,baz=80,slow=10.0,SNR=80	42.69	298	P	P	13 33 50.1 -0.1
MKAR	Makanchi Array comp=Z,4.7nm,0.9s,baz=58,slow=4.7,SNR=1.6	42.69	298	PcP	PcP	13 35 41.6 +0.4
MKAR	Makanchi Array comp=Z,4.7nm,0.9s,baz=58,slow=4.7,SNR=1.6	42.69	298	ScP	ScP	13 39 25.5 -2.1
MKAR	Makanchi Array comp=Z,0.7nm,0.8s,baz=63,slow=6.0,SNR=1.6	42.69	298	LR	LR	13 52 49.4
A22K	Sinclair Lake baz=260	42.73	25	P	P	13 33 51.4 +1.3
E21K	Killik River baz=264,SNR=12	42.73	29	P	P	13 33 51.4 +1.2
G21K	Allakaket baz=271,SNR=9.7	42.76	32	P	P	13 33 52.0 +1.5

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LSA	Lhasa comp=Z,22nm,0.9s	42.79	271	P	P	13 33 53.2 +1.5
LSA	Lhasa comp=Z,22nm,0.9s	42.79	271	P	P	13 33 53.2 +1.5
LSA	Lhasa comp=Z,46nm,0.9s	42.79	271	IAmb	IAmb	13 34 14.3
LSA	Lhasa comp=Z,46nm,0.9s	42.79	271	P	P	13 33 52.6 +0.9
F21K	Alatina River baz=266,SNR=20	42.81	31	P	P	13 33 51.8 +0.9
M20K	Styx River baz=272,SNR=7.9	42.87	39	P	P	13 33 53.3 +1.8
MA2K	Makanchi comp=Z,62nm,1.1s	42.89	299	P	P	13 33 50.5 -1.3
MA2K	Makanchi comp=Z,62nm,1.1s	42.89	299	IAmb	IAmb	13 33 53.1
MA2K	Makanchi comp=Z,62nm,1.1s	42.89	299	P	P	13 33 51.2 -0.6
MA2K	Makanchi comp=Z,62nm,1.1s	42.89	299	P	P	13 33 51.8 -0.1
H21K	Melozitna Rive comp=Z,31nm,0.9s	43.01	33	IAmb	IAmb	13 33 55.4
H21K	Melozitna Rive baz=268,SNR=24	43.01	33	P	P	13 33 54.4 +1.9
B22K	Teshehpuk Lake baz=263	43.15	26	P	P	13 33 55.3 +1.8
OHAK	Old Harbor comp=Z,29nm,1.1s	43.16	46	P	P	13 33 53.6 -0.2
OHAK	Old Harbor comp=Z,29nm,1.1s	43.16	46	IAmb	IAmb	13 34 16.7
OHAK	Old Harbor comp=Z,29nm,1.1s	43.16	46	P	P	13 33 55.1 +1.4
OHAK	Old Harbor comp=Z,29nm,1.1s	43.16	46	P	P	13 33 55.7 +1.7
CHUM	Lake Minchumun baz=271,SNR=2	43.20	36	P	P	13 33 56.0 +1.6
O20K	Slope Mountain baz=274	43.22	42	P	P	13 33 56.0 +1.6
CHTO	Chiang Mai comp=Z,23nm,0.8s	43.24	252	P	P	13 33 54.7 -0.2
CHTO	Chiang Mai comp=Z,23nm,0.8s	43.24	252	IAmb	IAmb	13 34 14.7
CHTO	Chiang Mai comp=Z,23nm,0.8s	43.24	252	P	P	13 33 54.7 -0.2
CHTO	Chiang Mai comp=Z,23nm,0.8s	43.24	252	P	P	13 33 54.7 -0.2
D22K	Aiyikyak River comp=Z,30nm,0.8s	43.24	29	IAmb	IAmb	13 33 56.6
D22K	Aiyikyak River comp=Z,30nm,0.8s	43.24	29	P	P	13 33 55.9 +1.5
PPLA	Purkeyulle baz=272,SNR=7.8	43.28	37	P	P	13 33 56.5 +1.7
F22K	John River baz=267,SNR=19	43.33	31	P	P	13 33 56.3 +1.2
SPCR	Spurr Chakaka baz=274	43.35	40	P	P	13 33 56.8 +1.4
N20K	Mount Spurr baz=274	43.35	40	P	P	13 33 56.5 +1.2
KDAK	Kodiak Island comp=Z,159nm,21.7s,baz=271,slow=36	43.47	45	LR	LR	13 52 04.6
KDAK	Kodiak Island comp=Z,159nm,21.7s,baz=271,slow=36	43.47	45	P	P	13 33 57.5 +1.2
KDAK	Kodiak Island comp=Z,159nm,21.7s,baz=271,slow=36	43.47	45	P	P	13 33 57.2 +0.9
KDAK	Kodiak Island comp=Z,159nm,21.7s,baz=271,slow=36	43.47	45	P	P	13 34 14.1 -1.4
Q20K	Shuyak Island baz=276	43.47	44	P	P	13 33 57.5 +1.2
CM31	Chiang Mai Arr SNR=9	43.48	252	P	P	13 33 54.8 -2.0
CM31	Chiang Mai Arr SNR=9	43.48	252	P	P	13 33 57.7 +0.9
CMAR	Chiang Mai Arr comp=Z,3.8nm,0.7s,baz=45,slow=6.3,SNR=20	43.48	252	P	P	13 33 55.1 -1.7
CMAR	Chiang Mai Arr comp=Z,3.8nm,0.7s,baz=45,slow=6.3,SNR=20	43.48	252	P	P	13 33 57.3 +0.5
CMAR	Chiang Mai Arr comp=Z,3.8nm,0.7s,baz=45,slow=6.3,SNR=20	43.48	252	PcP	PcP	13 35 45.3 +1.2
CMAR	Chiang Mai Arr comp=Z,3.8nm,0.7s,baz=45,slow=6.3,SNR=20	43.48	252	LR	LR	13 53 29.1
E22K	Anaktuvuk Pass comp=Z,3.8nm,0.7s	43.51	30	IAmb	IAmb	13 33 58.8
E22K	Anaktuvuk Pass comp=Z,3.8nm,0.7s	43.51	30	P	P	13 33 57.9 +1.4
G22K	Bettles baz=272,SNR=8.8	43.57	32	P	P	13 33 58.0 +1.1
H22K	Istaitaitna Cre baz=269,SNR=32	43.60	33	P	P	13 33 58.9 +1.6
SKT	Skwentna baz=273	43.62	39	P	P	13 33 58.9 +1.4
BPAW	Bear Paw Mtn. baz=272,SNR=17	43.78	36	P	P	13 34 00.4 +1.7
KTH	Kantishna Hill comp=Z,37nm,1.0s	43.83	36	IAmb	IAmb	13 34 20.8
MLY	Manley comp=Z,33nm,1.0s	43.87	34	IAmb	IAmb	13 34 02.8
MLY	Manley comp=Z,33nm,1.0s	43.87	34	P	P	13 34 01.6 +2.2
MLY	Manley comp=Z,33nm,1.0s	43.87	34	P	P	13 34 01.2 +0.9
CNPMP	China Poot comp=Z,39nm,0.8s	43.97	29	IAmb	IAmb	13 34 02.7
D23K	Nanushuk River baz=267,SNR=37					

Table with columns for station name, coordinates, elevation, and various weather parameters like temperature, wind, and pressure.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like CLZ Clausthal, MVCO Mesa Verde, F33A 5 Mile Ranch, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like SCIA State Center, I42A Draeger Farm, L40A Anam, etc.

Table with columns: NBLA, Lagarto - SE, 149.85, 0, eP, PKPbc, 13 45 42.0 -1.3, SALV, Santo Antonio, 150.25, 37, eP, PKPbc, 13 45 41.9 -2.3

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like WEL 11 13:29:18.3, Kermadec Islands, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like NOU 11 13:30:03.7, Kermadec Islands, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like GLKZ Green Lake, PKGZ Pakhiroa, HAZ Te Kaha, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like CATAC 11 13:32:13.9, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Op, ISC, Time Res, h, m, s, ISC. Includes stations like CAHU Cacautique, SOMN Somoto, etc.

H19K	Roundabout Mou	55.58	29	P	P	15 18 18.4	-1.3
P17K	Kvichak River	55.61	36	P	P	15 18 20.1	+0.1
D20K	Etivut River	55.69	25	P	P	15 18 19.0	-1.5
R17L	Mt. Peulik Vol	55.74	38	P	P	15 18 19.7	-1.4
ABKAR	Abkubulak array	55.76	311	P	P	15 18 20.5	-0.8
ABKAR	Abkubulak array	55.76	311	IAMB	IAMB	15 18 22.6	
E20K	Nigu River	55.81	25	P	P	15 18 20.9	-0.6
N18K	Klase Creek	55.83	35	P	P	15 18 19.8	-1.8
M18K	Stony River	55.84	34	P	P	15 18 20.5	-1.1
J19K	Poorman	55.91	31	P	P	15 18 23.2	+1.1
ARTI	Arti	55.91	320c	iP	P	15 18 21.5	-0.7
ARTI	Arti			S	SS	15 26 05.1	-1.1
ARTI	Arti			SS	SS	15 29 47.0	-5.1
ARTI	comp=Z,22nm,0.8s			MLR	MLR		
F20K	Avaraat Kay	55.93	27	P	P	15 18 23.1	+0.9
Q17K	Contact Creek	55.95	38	P	P	15 18 21.6	-1.0
H20K	Anoteneega Mo	56.23	29	P	P	15 18 25.1	+0.6
I20K	Naagdeneel	56.40	30	P	P	15 18 26.8	+1.2
A22K	Sinclair Lake	56.42	22	P	P	15 18 25.9	+0.3
B21K	Kpkpuk River	56.46	24	P	P	15 18 26.8	+0.9
J20K	Nowinta River	56.55	30	P	P	15 18 27.6	+0.9
J20K	comp=Z,8.5nm,1.3s			IAMB	IAMB	15 18 31.3	
J20K	Nowinta River	56.55	30	P	P	15 18 28.5	+1.8
K20K	Telida	56.60	31	P	P	15 18 28.7	+1.6
E21K	Killik River	56.64	25	P	P	15 18 27.8	+0.4
E21K	Killik River	56.64	25	P	P	15 18 28.2	+0.8
L20K	Farewell, AK	56.72	32	P	P	15 18 28.4	+0.4
R18K	Karluk	56.77	38	P	P	15 18 29.3	+1.0
G21K	Allakaket	56.80	28	P	P	15 18 29.5	+1.1
AKTO	Aktyubinsk	56.82	313	LR	LR	15 44 46.4	
H21K	Melozitna Rive	57.09	29	P	P	15 18 30.9	+0.4
M20K	Styx River	57.10	33	P	P	15 18 31.6	+0.8
D22K	Aiyikay River	57.12	25	P	P	15 18 31.8	+1.1
F22K	John River	57.31	26	P	P	15 18 33.6	+1.5
CHUM	Lake Minchumin	57.37	31	P	P	15 18 31.3	-1.2
E22K	Anaktuvuk Pass	57.44	26	IAMB	IAMB	15 18 41.8	
E22K	Anaktuvuk Pass	57.44	26	P	P	15 18 32.9	-0.1
I21K	Tanana	57.45	29	P	P	15 18 33.6	+0.5
PPLA	Purkeyville	57.48	32	P	P	15 18 33.3	-0.2
G22K	Bettles	57.58	27	P	P	15 18 34.6	+0.7
N20K	Mount Spurr	57.59	34	P	P	15 18 33.2	-1.1
H22K	Ishtalinta Cre	57.67	28	P	P	15 18 34.1	-0.5
KDAK	Kodiak Island	57.74	38	P	P	15 18 34.8	-0.4
Q20K	Shuyak Island	57.75	37	P	P	15 18 35.5	+0.3
D23K	Nanushuk River	57.84	25	P	P	15 18 35.5	-0.3
SKT	Skwentna	57.85	33	P	P	15 18 37.4	+0.3
BPAW	Bear Paw Mtn.	57.94	30	P	P	15 18 35.7	+0.8
MLY	Manley	57.98	29	P	P	15 18 38.9	+2.0
MLY	Manley	57.98	29	P	P	15 18 36.1	-0.8
COLD	Coldfoot	58.08	27	P	P	15 18 37.6	+0.2
G23K	Bananza Creek	58.18	27	IAMB	IAMB	15 18 41.5	
G23K	Bananza Creek	58.18	27	P	P	15 18 38.5	+0.3
TOLK	Toolik Lake Re	58.26	25	P	P	15 18 38.1	-0.6
E23K	Chandalar	58.27	26	IAMB	IAMB	15 18 42.3	
E23K	Chandalar	58.27	26	P	P	15 18 38.0	-0.9
H23K	Yukon River	58.43	28	P	P	15 18 39.8	-0.1
BRSE	Bradley Lake S	58.47	36	P	P	15 18 40.7	+0.4
D24K	Happy Valley	58.51	24	P	P	15 18 41.0	+0.6
C24K	Franklin Bluff	58.52	24	P	P	15 18 40.7	+0.2
I23K	Minto, Yukon-K	58.56	29	P	P	15 18 42.1	+1.4
E24K	Your Creek	58.69	26	IAMB	IAMB	15 18 48.5	
E24K	Your Creek	58.69	26	P	P	15 18 43.0	+1.2
NEA2	Nenana	58.73	30	IAMB	IAMB	15 18 45.9	
NEA2	Nenana	58.73	30	P	P	15 18 43.3	+1.3
MCK	McKinley	58.87	31	P	P	15 18 44.1	+1.0
F24K	Squaw Lake	58.96	26	IAMB	IAMB	15 18 46.9	
F24K	Squaw Lake	58.96	26	P	P	15 18 43.5	-0.1
MDM	Murphy Dome	59.05	29	IAMB	IAMB	15 18 48.2	
H24K	Noodor Dome	59.11	28	P	P	15 18 44.8	+0.1
G24K	Hadweenzik Riv	59.19	27	IAMB	IAMB	15 18 49.5	
G24K	Hadweenzik Riv	59.19	27	P	P	15 18 45.3	+0.1
D25K	Kavik River	59.37	24	P	P	15 18 47.2	+0.8
POKR	Poker Plat Res	59.37	29	P	P	15 18 46.6	+0.1
WAT6	Susitna Watana	59.55	32	P	P	15 18 47.9	0.0
ILAR	Eielson Array	59.64	29	P	P	15 18 50.0	+1.7
ILAR	comp=Z,0.8nm,0.9s,baz=280,slow=6.0,SNR=6.4			LR	LR	15 45 23.4	
HDA	Harding Lake	59.66	30	P	P	15 18 49.1	+0.6
G25K	Bearman Lake	59.73	27	P	P	15 18 49.9	+1.1
F25K	Christian River	59.81	26	IAMB	IAMB	15 18 53.5	
F25K	Christian River	59.81	26	P	P	15 18 50.7	+1.2
H25L	Birch Creek	59.90	28	P	P	15 18 49.5	-0.5
PRP	Porcupine Dome	60.12	29	P	P	15 18 51.5	-0.3
BMAR	Burnt Mountain	60.23	26	P	P	15 18 55.1	+2.7
M24K	Tolsona, Glenn	60.34	32	P	P	15 18 52.6	-0.6
F26K	Sheenjek River	60.36	26	IAMB	IAMB	15 18 57.3	
F26K	Sheenjek River	60.36	26	P	P	15 18 52.2	-1.1

KIRV	Kirov	60.42	323	LR	LR	15 47 43.9	
KIRV	Kirov	60.42	323c	eP	P	15 18 52.8	-0.9
G26K	Porcupine Rive	60.61	27	P	P	15 18 54.1	-0.8
EYAK	Cordova Ski Ar	60.81	34	P	P	15 18 55.6	-0.8
SCRK	Sand Creek	61.01	30	IAMB	IAMB	15 19 01.0	
SCRK	Sand Creek	61.01	30	P	P	15 18 57.3	-0.5
J26L	Joseph Creek	61.10	30	P	P	15 18 58.4	0.0
I26K	Cole Creek Min	61.13	29	P	P	15 18 57.2	-1.2
N25K	Chitina, Valde	61.17	33	IAMB	IAMB	15 19 04.5	
E27K	Coleen River	61.24	25	IAMB	IAMB	15 19 02.7	
E27K	Coleen River	61.24	25	P	P	15 18 59.5	+0.3
D27M	Malcolm River	61.28	24	P	P	15 18 59.1	-0.4
BMRM	Bremner River	61.28	34	P	P	15 18 59.3	-0.4
G27K	Doyon Strip	61.46	27	P	P	15 19 00.3	-0.4
KAIM	Kay Island	61.59	35	P	P	15 19 01.8	+0.2
H27K	Steamboat Moun	61.62	27	P	P	15 19 01.4	-0.4
I27K	Kandik River	61.71	28	P	P	15 19 02.7	+0.3
M26K	Nabesna, AK	61.75	32	P	P	15 19 03.5	+0.7
K27K	Chicken	61.83	30	P	P	15 19 03.8	+0.6
E28M	Babbage River	61.91	25	IAMB	IAMB	15 19 07.1	
E28M	Babbage River	61.91	25	P	P	15 19 04.9	+1.2
F28M	Old Crow	61.99	26	IAMB	IAMB	15 19 07.9	
F28M	Old Crow	61.99	26	P	P	15 19 05.0	+0.8
D28M	Stokes Point	62.05	24	P	P	15 19 05.1	+0.6
CRQE	Cirque	62.05	34	P	P	15 19 06.8	+1.9
L27K	Beaver Creek,	62.14	31	P	P	15 19 07.7	+2.4
L27K	Beaver Creek,	62.14	31	IAMB	IAMB	15 19 08.9	
L27K	Beaver Creek,	62.14	31	P	P	15 19 05.2	-0.2
M27K	Edze Creek, AK	62.27	32	P	P	15 19 05.6	-0.7
I28M	Miner Creek	62.42	28	IAMB	IAMB	15 19 10.9	
I28M	Miner Creek	62.42	28	P	P	15 19 07.3	0.0
E29M	Blow River	62.55	25	IAMB	IAMB	15 19 11.2	
E29M	Blow River	62.55	25	P	P	15 19 07.6	-0.4
BELG	Belogornoye	62.78	317	LR	LR	15 48 59.6	
CTG	Chitna Glacier	62.84	33	P	P	15 19 10.4	+0.2
G29M	Pine Creek	62.84	26	P	P	15 19 10.5	+0.5
H29M	Whitestone	62.87	27	P	P	15 19 10.9	+0.8
DAWY	Dawson	62.97	30	P	P	15 19 11.4	+0.5
EPYK	Eagle Plains	63.48	27	P	P	15 19 14.7	+0.5
F30M	Barrier River	63.51	25	P	P	15 19 14.6	+0.3
G30M	IAoh Zraii Nji	63.51	26	P	P	15 19 14.2	-0.2
L29M	L29M	63.76	30	P	P	15 19 16.9	+0.7
M29M	Somme Creek	63.79	31	P	P	15 19 16.2	-0.3
K29M	Barlow Dome	63.83	30	P	P	15 19 16.6	-0.1
I30M	Mount Dempster	63.93	28	P	P	15 19 18.9	+1.6
I30M	Mount Dempster	63.93	28	IAMB	IAMB	15 19 20.6	
I30M	Mount Dempster	63.93	28	P	P	15 19 17.2	-0.1
YUKA	Talbot Arm	64.01	32	P	P	15 19 17.3	-0.7
PNL	Peninsula	64.11	34	P	P	15 19 17.6	-0.8
J30M	Hart River	64.12	29	P	P	15 19 17.4	-1.2
INK	Inuvik	64.14	24	IAMB	IAMB	15 19 20.9	
INK	Inuvik	64.14	24	LR	LR	15 50 05.4	
INK	Inuvik	64.14	24	P	P	15 19 17.8	-0.6
YUK6	Outpost Mounta	64.25	33	P	P	15 19 20.9	+1.3
G31M	Satah River	64.27	26	P	P	15 19 20.9	+1.6
F31M	Tsighetichic	64.31	25	P	P	15 19 20.4	+0.8
O29M	Mount Kennedy	64.33	34	P	P	15 19 19.3	-0.7
M30M	Minto, Yukon	64.50	31	P	P	15 19 21.5	+0.5
H31M	Peel River	64.57	27	P	P	15 19 20.7	-0.6
N30M	Aishikik Lake	64.69	32	P	P	15 19 21.8	-0.5
P29M	Windy Craggy	64.93	34	P	P	15 19 24.6	+0.8
SPITS	Spitsbergen Ar	65.35	348	P	P	15 19 26.0	-0.2
SPITS	comp=Z,11nm,0.8s,baz=73,slow=11,SNR=4.0			LR	LR	15 51 48.7	
O30N	Mendenhall	65.36	33	P	P	15 19 26.9	+0.3
MAK	Makhachkala	65.66	307	eP	eP	15 19 27.3	-1.5
MAK	MAK			eP	eP	15 19 43.8	-4.2
MAK	MAK			eS	eS	15 28 07.5	-3.5
MAK	MAK			e'SS	e'SS	15 28 35.1	+1.2
MAK	MAK			eSS	eSS	15 32 20.9	-4.4
MAK	comp=Z,84nm,0.9s			pmax	pmax		
MAK	comp=Z,581nm,16.0s			MLR	MLR		
FARO	Faro, Yukon	66.13	31	IAMB	IAMB	15 19 34.8	
FARO	Faro, Yukon	66.13	31	P	P	15 19 31.5	0.0
VRH	Novokhoporsk	66.64	317	eP	pmax	15 19 32.7	-2.2
SIT	Sitka	66.97	36	P	P	15 19 36.8	-0.1
P33M	Teslin, Yukon	67.08	33	P	P	15 19 37.6	0.0
ARCES	ARCES Array B	67.13	338	P	P	15 19 37.1	-0.7
ARCES	comp=Z,2.6nm,0.7s,baz=62,slow=8.5,SNR=8.6			LR	LR	15 54 33.9	
ARCES	comp=Z,627nm,18.4s,baz=57,slow=41			LR	LR	15 54 33.9	
ARCES	ARCES Array B	67.13	338	eP	pmax	15 19 37.4	-0.3
ARCES	comp=Z,3.0nm,0.8s			pmax	pmax		
S32K	Killsnoo	67.20	36	P	P	15 19 38.3	-0.1
MOS	Moscow	67.37	322	eP	P	15 19 38.4	-1.0
MOS	MOS			e	e	15 19 59.2	
MOS	comp=Z,30nm,0.8s			pmax	pmax		
MOS	comp=Z,600nm,17.0s			MLR	MLR		
LPSR	Galich'ya Gora	67.77	319	eP	pmax	15 19 40.2	-1.8
LPSR	comp=Z,20nm,1.4s			pmax			

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Kaisererville, Mina Array Bea, Eskdalemuir Ar, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Juan Fernandez, Cobar Meteorol, Troll, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Warramunga Arr, Port Moresby, etc.

MOS 11 15:09:25.7±1.0, 54.34Sx146.80W, h10km, mb5.3/20, Error ellipse: s-maj=17.9km s-min=13.7km az=105.7

NEIC 11 15:09:27.3, 53.93S, 146.96W, h30km, Moment Tensor Solution: Duration: 2.89 Moment tensor: Scale 107Nm

NEIC 11 15:09:27.2±1.6, 54.2S, 0.1x146.6W±0.2, h10km, 1km, s-min=17.4km az=140.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Blackbirch Sta, Scott Base, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Sierra Bellavi, Tunca, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Diamantina, etc.

HKT	Hockey	94.54	42	iP	P	15 22 48.5 +1.6
HKT				pmax	pmax	
U15A	North Rim	94.95	27	IAMB	IAMB	15 22 54.5
ANMO	Albuquerque	95.28	32	iP	pmax	15 22 51.7 +1.2
ANMO						
NVAR	Minna Array Bea	95.38	22	P	P	15 22 52.9 +1.9
RYN	Ryan	95.53	22	P	IAMB	15 22 52.0 +0.4
RYN						15 22 54.4
R11B	Troy Canyon, C	95.93	24	P	P	15 22 55.8 +2.3
BOSA	Boshof	97.30	173	P	P	15 22 58.4 -1.7
BOSA						15 26 55.0 -0.6
LBTB	Lobatsse	100.90	173	P	Pdf	15 23 14.5 -1.7
H10N3	ASCENSION HYDR06.3130	T	T			17 23 19.1
H10N1	ASCENSION HYDR06.38 130	T	T			17 23 14.6
H10N2	ASCENSION HYDR06.39 130	T	T			17 23 17.2
NIKH	Nikolski High	108.32	346	P	PKIKP	15 27 56.1 +2.1
UNV	Unalaska Valle	108.86	348	P	PKIKP	15 27 56.7 +1.7
CHNA	Chernabura Isl	109.12	352	P	PKIKP	15 27 57.4 +2.0
SDPT	Sand Point	109.71	352	P	PKIKP	15 27 58.6 +2.1
V35K	Ketchikan	109.80	9	P	PKIKP	15 27 58.8 +2.1
CHAC	Craig	109.81	8	P	PKIKP	15 27 58.7 +2.0
CRIG	Chirikof Islan	109.84	355	P	PKIKP	15 27 58.8 +2.0
S12K	Black Hills	110.20	351	P	PKIKP	15 27 59.2 +1.8
U33K	Whale Pass	110.45	8	P	PKIKP	15 28 00.1 +2.3
CHGN	Chignik	110.50	353	P	PKIKP	15 27 59.8 +1.8
SII	Sitkinak Islan	110.51	356	P	PKIKP	15 27 59.7 +1.6
OHAK	Old Harbor	111.13	356	P	PKIKP	15 28 01.1 +2.0
R18K	Karluk	111.53	356	P	PKIKP	15 28 01.5 +1.6
T35M	Bob Quinn	111.57	10	P	PKIKP	15 28 02.3 +2.3
R17L	Mt. Peulik Vol	111.69	354	P	PKIKP	15 28 02.2 +2.0
Q17K	Contact Creek	112.29	355	P	PKIKP	15 28 03.5 +2.0
S34M	Telegraph Cree	112.40	9	P	PKIKP	15 28 03.8 +2.3
SPIA	Saint Paul Isl	112.61	346	P	PKIKP	15 28 03.2 +1.3
Q18K	Katmai Hardscr	112.63	355	P	PKIKP	15 28 03.0 +0.9
Q19K	Cape Douglas,	112.85	356	P	PKIKP	15 28 04.0 +1.6
Q23K	Middleton Isla	113.22	0	P	PKIKP	15 28 04.7 +1.7
P17K	Kvichak River	113.25	355	P	PKIKP	15 28 04.1 +1.0
Q32M	Nakina River	113.34	8	P	PKIKP	15 28 04.9 +1.3
P18K	Big Mountain,	113.39	355	P	PKIKP	15 28 04.6 +1.1
PLBC	Pleasant Camp	113.55	6	P	PKIKP	15 28 05.7 +2.0
PNL	Peninsula	113.61	4	P	PKIKP	15 28 05.2 +1.4
SKAG	Skagway	113.61	6	P	PKIKP	15 28 05.7 +1.9
P29M	Windy Craggy	113.64	5	P	PKIKP	15 28 05.4 +1.5
Q14K	Tiguykuiwet M	113.65	352	P	PKIKP	15 28 05.6 +1.8
KAIM	Kayak Island	113.73	1	P	PKIKP	15 28 05.7 +1.7
O16K	Kokwok River B	113.75	354	P	PKIKP	15 28 05.7 +1.7
P23K	Montague Islan	113.79	360	P	PKIKP	15 28 05.2 +1.1
O18K	Koktuh Hills	113.85	355	P	PKIKP	15 28 05.9 +1.6
P30M	Atlin	113.85	7	P	PKIKP	15 28 06.1 +1.8
O17K	Koliganek Bris	113.87	354	P	PKIKP	15 28 05.4 +1.1
R33M	Jennings River	113.88	9	P	PKIKP	15 28 06.0 +1.5
SEW	Seward	113.91	358	P	PKIKP	15 28 05.9 +1.6
TOAD	Toad River Com	113.95	12	P	PKIKP	15 28 05.4 +0.9
O20K	Slope Mountain	113.97	357	P	PKIKP	15 28 05.8 +1.2
P1NM	Pinnacle	114.00	4	P	PKIKP	15 28 06.0 +1.3
P30M	Million Dollar	114.17	5	P	PKIKP	15 28 06.3 +1.3
O29M	Mount Kennedy	114.27	4	P	PKIKP	15 28 05.8 +0.5
Q22K	Cooper Landing	114.30	358	P	PKIKP	15 28 05.7 +0.6
EYAK	Cordova Ski Ar	114.34	1	P	PKIKP	15 28 05.9 +0.7
N14K	Kuskokwak Cree	114.34	352	P	PKIKP	15 28 06.2 +1.1
N15K	Kwethluk River	114.46	353	P	PKIKP	15 28 06.7 +1.3
P33M	Teslin, Yukon	114.54	8	P	PKIKP	15 28 06.9 +1.2
CRQE	Cirque	114.58	2	P	PKIKP	15 28 07.0 +1.2
N17K	Nushagak Hills	114.62	354	P	PKIKP	15 28 07.0 +1.3
PWL	Port Wells	114.66	359	P	PKIKP	15 28 06.6 +0.8
GLI	Glacier Island	114.67	360	P	PKIKP	15 28 06.4 +0.6
N16K	Nishlik Lake	114.67	353	P	PKIKP	15 28 07.0 +1.2
O28M	Mount Upton	114.68	3	P	PKIKP	15 28 07.3 +1.1
N18K	Kilae Creek	114.70	355	P	PKIKP	15 28 06.5 +0.5
BMRM	Bremner River	114.77	1	P	PKIKP	15 28 06.7 +0.7
N19K	Bonanza Creek	114.77	356	P	PKIKP	15 28 06.2 +0.1
CTG	Chitna Glacier	114.83	3	P	PKIKP	15 28 07.1 +0.8
WHY	Whitehorse	114.83	6	P	PKIKP	15 28 07.3 +1.0
O30N	Mendenhall	114.87	6	P	PKIKP	15 28 07.3 +1.1
RC01	Rabbit Creek A	114.91	358	P	PKIKP	15 28 06.9 +0.7
YK06	Outpost Mounta	114.92	4	P	PKIKP	15 28 07.6 +1.0
M13K	Dall Lake	114.98	351	P	PKIKP	15 28 07.9 +1.5
M15K	Kasigluk River	115.03	352	P	PKIKP	15 28 08.0 +1.5
L61B	Northampton	115.06	52	P	PKIKP	15 28 07.9 +0.7
N20K	Mount Spurr	115.08	357	P	PKIKP	15 28 07.8 +1.1
YKCR	Spurr Chakacha	115.08	357	P	PKIKP	15 28 07.2 +0.5
M14K	Bethe	115.19	352	P	PKIKP	15 28 07.8 +1.0
YUK8	Steele Glacier	115.21	4	P	PKIKP	15 28 08.4 +1.2
MCAR	McCarthy VSAT	115.21	2	P	PKIKP	15 28 07.9 +1.1
M16K	Timber Creek	115.23	353	P	PKIKP	15 28 08.1 +1.2

M11K	Mekoryuk	115.23	349	P	PKIKP	15 28 08.1 +1.2
KLU	Klutina	115.29	0	P	PKIKP	15 28 08.1 +1.0
SUA	Susitna One	115.30	358	P	PKIKP	15 28 08.2 +1.0
PMR	Palmer	115.40	359	P	PKIKP	15 28 08.3 +1.2
N25K	Chitna, Valde	115.41	1	P	PKIKP	15 28 08.4 +1.1
N32M	Quiet Lake	115.45	7	P	PKIKP	15 28 08.6 +1.2
N30M	Nishlik Lake	115.50	5	P	PKIKP	15 28 08.6 +1.1
M17K	Holtna River	115.51	354	P	PKIKP	15 28 08.6 +1.2
M18K	Stony River	115.51	355	P	PKIKP	15 28 08.7 +1.3
M23K	Glacier View	115.59	359	P	PKIKP	15 28 08.8 +1.2
N31M	Braeburn, Yuko	115.60	6	P	PKIKP	15 28 09.0 +1.4
SML	Sawmill	115.61	359	P	PKIKP	15 28 08.4 +0.8
SCM	Sheep Creek Mo	115.63	360	P	PKIKP	15 28 08.4 +0.6
YUK3	Moose Creek	115.67	3	P	PKIKP	15 28 09.0 +1.0
M20K	Styx River	115.79	357	P	PKIKP	15 28 09.5 +1.4
L14K	Kuk Creek	115.83	352	P	PKIKP	15 28 08.5 +0.6
SKT	Skwentna	115.84	357	P	PKIKP	15 28 08.2 +0.1
M19K	Big River Lodg	115.86	356	P	PKIKP	15 28 08.7 +0.6
M24K	Tolsona, Glenn	115.90	0	P	PKIKP	15 28 08.8 +0.6
L16K	Owhat River	115.95	353	P	PKIKP	15 28 09.2 +1.0
L15K	Ungalak Mounta	116.06	352	P	PKIKP	15 28 09.4 +1.0
L19K	White Mountain	116.16	356	P	PKIKP	15 28 09.3 +0.6
HARP	HAARP	116.20	1	P	PKIKP	15 28 09.6 +0.8
M27K	Edge Creek, AK	116.22	2	P	PKIKP	15 28 09.7 +0.8
M26K	Adana, AK	116.23	2	P	PKIKP	15 28 09.3 +0.5
CUT	Chulitna	116.23	358	P	PKIKP	15 28 09.4 +0.6
L18K	Granite Mounta	116.28	355	P	PKIKP	15 28 09.9 +1.0
L17K	Donlin	116.29	354	P	PKIKP	15 28 09.9 +1.0
WAT6	Susitna Watana	116.38	359	P	PKIKP	15 28 09.9 +0.6
M31M	Drury Creek, Y	116.40	6	P	PKIKP	15 28 10.0 +0.8
PETK	Petrovavlovsk-	116.41	326	PKP	PKPdf	15 28 09.0 -0.4
PETK	Petrovavlovsk-	116.41	326	PKP	PKPdf	15 28 08.8 -0.6
L20K	Farewell, AK	116.41	356	P	PKIKP	15 28 09.4 +0.3
M29M	Somme Creek	116.42	4	P	PKIKP	15 28 09.9 +0.6
FARO	Faro, Yukon	116.50	7	P	PKIKP	15 28 10.2 +0.8
K13K	Kusivak Moun	116.59	351	P	PKIKP	15 28 10.5 +1.0
M30M	Minto, Yukon	116.63	5	P	PKIKP	15 28 10.4 +0.8
WAT1	Susitna Watana	116.64	359	P	PKIKP	15 28 09.9 +0.3
K15K	Wolf Creek Mou	116.68	352	P	PKIKP	15 28 10.6 +1.0
PAX	Paxson	116.77	1	P	PKIKP	15 28 10.3 +0.4
PPLA	Purkeypile	116.77	357	P	PKIKP	15 28 10.4 +0.3
L26K	Log Cabin Wild	116.85	2	P	PKIKP	15 28 10.8 +0.8
K17K	Iditarod	116.87	354	P	PKIKP	15 28 10.7 +0.7
DHY	Denali Highway	116.88	360	P	PKIKP	15 28 10.7 +0.4
L27K	Beaver Creek,	116.92	2	P	PKIKP	15 28 11.1 +0.9
BCAR	Beaver Creek A	116.93	2	P	PKIKP	15 28 10.7 +0.5
L29M	L29M	117.10	4	P	PKIKP	15 28 11.2 +0.7
J10K	Nanvananak Lak	117.30	351	P	PKIKP	15 28 11.6 +0.8
K24K	Telida	117.30	356	P	PKIKP	15 28 11.8 +1.0
J18K	Innokov River	117.53	355	P	PKIKP	15 28 12.1 +0.9
MCK	Mickle	117.55	359	P	PKIKP	15 28 11.8 +0.5
RIDG	Independent RI	117.55	1	P	PKIKP	15 28 12.0 +0.7
J16K	Anvik River	117.59	353	P	PKIKP	15 28 12.2 +0.9
J17K	VABM Dome	117.59	354	P	PKIKP	15 28 12.5 +1.1
K24K	Donnelly Dome	117.61	0	P	PKIKP	15 28 12.3 +0.8
CHUM	Lake Minchumim	117.77	357	P	PKIKP	15 28 12.1 +0.5
NJ2	Nanjing	117.77	287	ePKP	PKIKP	15 28 13.6 +0.9
SCRJ	Sand Creek	117.80	1	P	PKIKP	15 28 12.7 +0.8
K29M	Barlow Dome	117.86	5	P	PKIKP	15 28 12.4 +0.4
K27K	Chicken	117.89	2	P	PKIKP	15 28 13.4 +1.4
BPAW	Bear Paw Mtn.	117.95	358	P	PKIKP	15 28 12.2 +0.1
J19K	Poorman	118.00	356	P	PKIKP	15 28 13.2 +1.1
DAWY	Dawson	118.00	4	P	PKIKP	15 28 13.0 +0.8
J20K	Nowinta River	118.12	356	P	PKIKP	15 28 13.2 +0.8
I17K	Unalakleet	118.19	353	P	PKIKP	15 28 12.6 +0.1
HDA	Harding Lake	118.21	360	P	PKIKP	15 28 13.4 +0.8
J26L	Joseph Creek	118.33	2	P	PKIKP	15 28 13.7 +0.8
NEA2	Nenana	118.41	359	P	PKIKP	15 28 13.1 +0.1
J25K	Salcha River	118.42	1	P	PKIKP	15 28 13.6 +0.5
ILAR	Eielson Array	118.58	360	PKP	PKIKP	15 28 13.6 +0.4

VNA2	Neumayer-Watz	51.81 164	↑P	P	15 23 16.3	0.0
SNAA	Sanae	51.82 166	↓P	P	15 23 16.0	-0.4
SNAA	Sanae	51.82 166	↑P	P	15 23 16.4	0.0
SNAA	Sanae	51.82 166	P	P	15 23 15.8	-0.7
SNAA	Sanae	51.82 166	P	P	15 24 27.3	-2.0
SNAA	Sanae	51.82 166	P	P	15 24 06.7	
VNA1	Neumayer-Stat	51.91 164	↑P	P	15 23 17.1	+0.1
TROLL	Troll, Antarti	52.21 168	↑P	P	15 23 20.1	+0.6
CMSA	Cobar Meteorol	52.25 267	P	P	15 23 20.9	+0.7
BI02	San Fabin de	53.11 103	P	P	15 23 26.9	+0.3
BI02	San Fabin de	53.11 103	P	P	15 23 28.4	
EIDS	Eidsvold	53.68 276	P	P	15 23 30.0	+0.7
EIDS	Eidsvold	53.68 276	P	P	15 23 32.2	
EIDS	Eidsvold	53.68 276	P	P	15 23 31.2	+0.5
ELIB	Princez Elisa	53.91 176	dP	P	15 23 32.6	+0.6
NVL	N'lazarevskaya	54.35 171	eP	P	15 23 35.3	+0.3
STKA	Stephens Creek	54.40 263	P	P	15 23 35.5	-0.5
STKA	Stephens Creek	54.40 263	P	P	15 23 36.9	+0.9
STKA	Stephens Creek	54.40 263	P	P	15 23 36.7	+0.8
STKA	Stephens Creek	54.40 263	P	P	15 43 43.4	
STKA	Stephens Creek	54.40 263	P	P	15 23 35.8	-0.1
HTT	Hallett	54.83 260	P	P	15 23 39.9	+0.8
MAW	Mawson	56.49 193	P	P	15 23 51.3	+0.9
MAW	Mawson	56.49 193	P	P	15 24 47.0	0.0
MAW	Mawson	56.49 193	P	P	15 46 10.5	
QLP	Quilpie	56.77 270	P	P	15 23 53.4	+0.4
BBOO	Bucklebo	56.93 259	P	P	15 23 54.3	+0.2
TROA	Tornquist	57.33 111	P	P	15 23 56.4	-0.5
TROA	Tornquist	57.33 111	P	P	15 23 59.1	
TROA	Tornquist	57.33 111	P	P	15 23 56.4	-0.5
ZON	Zonda	58.28 101	I Amb	I Amb	15 24 05.7	
CTA	Charters Tower	60.57 276	LR	LR	15 47 54.7	
HNR	Honiara	61.49 296	LR	LR	15 46 04.8	
MTSU	Mount Surprise	63.23 276	P	P	15 24 38.5	+1.1
QIS	Quilpie	64.10 270	P	P	15 24 42.8	-0.4
LVC	Limon Verde	64.89 94	P	P	15 24 49.3	+0.5
LVC	Limon Verde	64.89 94	P	P	15 24 51.3	
LVC	Limon Verde	64.89 94	P	P	15 24 08.9	
LVC	Limon Verde	64.89 94	P	P	15 24 49.3	+0.5
PSAL	Palomas Salto	64.91 109	eP	P	15 24 48.7	+0.2
AS31	Alice Springs	65.04 264	P	P	15 24 49.9	-1.5
ASAR	Alice Springs	65.04 264	P	P	15 24 47.5	-1.8
ASAR	Alice Springs	65.04 264	P	P	15 24 48.0	-1.3
ASAR	Alice Springs	65.04 264	P	P	15 51 24.1	
KMBL	Kambalda	66.00 249	P	P	15 24 55.1	-0.3
ITQB	Itaqi	66.53 108	P	P	15 24 57.8	-1.1
ITQB	Itaqi	66.53 108	P	P	15 24 58.5	-0.3
PLTB	Pedras Altas	66.59 112	eP	I Amb	15 25 00.4	+0.2
RODS	Rosario do Sul	66.59 112	eP	P	15 24 57.6	-1.6
COEN	Coen	67.20 278	P	P	15 25 08.8	+0.2
WRKA	Warakurna	67.24 259	P	P	15 25 02.6	-0.9
H01W1	Cape Leeuwin H	67.41 242	T	T	16 38 52.1	
H01W2	Cape Leeuwin H	67.41 242	T	T	16 38 52.8	
H01W3	Cape Leeuwin H	67.41 242	T	T	16 38 53.6	
WB2	Warramunga Arr	67.66 267	I Amb	I Amb	15 25 07.1	
WRA	Warramunga Arr	67.66 267	P	P	15 25 04.0	-2.1
WRA	Warramunga Arr	67.66 267	P	P	15 25 04.7	-1.4
WRA	Warramunga Arr	67.66 267	P	P	15 51 55.0	
WRA	Warramunga Arr	67.66 267	P	P	15 25 05.0	-1.2
WRAB	Tennant Creek	67.67 267	P	P	15 25 04.3	-1.9
WRAB	Tennant Creek	67.67 267	P	P	15 25 06.5	
WRAB	Tennant Creek	67.67 267	P	P	15 25 05.5	-0.7
WB0	Warramunga Arr	67.77 267	I Amb	I Amb	15 25 07.2	
PLGR	Kellerberrin	68.07 246	P	P	15 25 08.9	+0.3
KMB	Port Moresby	68.56 284	P	P	15 25 12.0	+0.2
PMG	Port Moresby	68.56 284	P	P	15 49 19.7	
NNA	Nana	68.59 81	LR	LR	15 47 55.8	
CPUP	Villa Florida	68.71 106	I Amb	I Amb	15 25 14.3	
CPUP	Villa Florida	68.71 106	P	P	15 25 12.3	-0.2
CPUP	Villa Florida	68.71 106	P	P	15 50 39.1	
ALGR	Alto Alegre (B	69.19 110	eP	P	15 25 16.0	+0.3
BLDU	Ballidu	69.39 246	P	P	15 25 14.9	-2.0
LPAZ	La Paz	70.27 91	I Amb	I Amb	15 25 25.9	
LPAZ	La Paz	70.27 91	P	P	15 25 23.6	+0.5
LPAZ	La Paz	70.27 91	P	P	15 49 06.0	
LPAZ	La Paz	70.27 91	P	P	15 25 24.2	+1.1
SJPY	San Joaquin	70.93 106	eP	P	15 25 23.4	+0.1
MORW	Morawa	70.96 247	P	P	15 25 27.2	+0.8
MORW	Morawa	70.96 247	P	P	15 25 28.6	
MORW	Morawa	70.96 247	P	P	15 25 26.7	+0.2
ATAH	Atahualpa	71.61 76	LR	LR	15 50 34.9	
KNRA	Kununurra	74.27 265	I Amb	I Amb	15 25 45.5	-0.7
KNRA	Kununurra	74.27 265	P	P	15 25 47.9	
KNRA	Kununurra	74.27 265	P	P	15 25 46.0	-0.3
KDU	Kakadu	74.47 270	P	P	15 25 47.3	-0.1

LDASE	Londrina, Braz	74.49 108	eP	P	15 25 47.9	+0.3
SIV	San Ignacio	74.64 96	LR	LR	15 52 46.9	
PSA00	Pilbara Seismi	74.76 254	P	P	15 25 48.2	-0.8
PSA00	Pilbara Seismi	74.76 254	I Amb	I Amb	15 25 50.5	
PSA00	Pilbara Seismi	74.76 254	I Amb	I Amb	15 25 50.5	
PSA00	Pilbara Seismi	74.76 254	P	P	15 25 48.6	-0.4
PSA00	Pilbara Seismi	74.76 254	P	P	15 25 49.8	+0.4
MTN	Manton Dam	75.13 269	P	P	15 25 51.5	+0.3
MWBWA	Marble Bar	75.15 255	P	P	15 25 51.4	0.0
RPRD	Ribas do Rio P	75.34 105	eP	P	15 25 52.5	+0.1
PTLB	Pontes e Lacer	76.20 97	eP	P	15 25 57.5	+0.1
ETMB	Extrema	76.53 98	eP	P	15 25 58.6	-0.7
ANTS	Antisana-Sarah	77.17 173	I Amb	I Amb	15 26 07.4	
YLB	Vilhena	77.56 95	eP	P	15 26 05.4	+0.3
OTAV	Otavalo	77.62 72	P	P	15 26 06.5	+0.6
OTAV	Otavalo	77.62 72	P	P	15 26 09.4	
OTAV	Otavalo	77.62 72	P	P	15 26 06.5	+0.6
OTAV	Otavalo	77.62 72	P	P	15 26 07.3	+1.3
OTAV	Otavalo	77.62 72	P	P	15 26 06.3	-0.3
SALV	Santo Antonio	77.83 100	eP	P	15 26 06.0	-0.7
ITRB	Iturama	77.85 107	eP	P	15 26 12.1	-0.9
SAML	Samuel	79.00 90	P	P	15 26 12.1	-0.9
SAML	Samuel	79.00 90	P	P	15 26 12.1	-0.9
SAML	Samuel	79.00 90	P	P	15 26 12.0	-1.1
SAML	Samuel	79.00 90	P	P	15 26 18.0	-1.7
IPMB	Imperial GO	80.45 107	eP	P	15 26 21.0	-0.8
PDRB	Porto dos Gac	80.65 97	eP	P	15 26 21.2	-0.8
CLDB	Colider	81.79 97	eP	P	15 26 27.4	-0.6
BDFB	Brasilia	82.43 106	I Amb	I Amb	15 27 20.3	
BDFB	Brasilia	82.43 106	P	P	15 26 30.9	-0.6
BDFB	Brasilia	82.43 106	P	P	15 59 11.0	
TEFE	Tefe	82.51 86	eP	P	15 26 30.6	-1.2
JTS	Las Juntas de	82.53 61	LR	LR	15 54 21.3	
JTS	Las Juntas de	82.53 61	LR	LR	15 26 33.4	+1.5
JTS	Las Juntas de	82.53 61	P	P	15 26 33.4	+1.5
DIAM	Diamantina, MG	82.70 111	eP	P	15 26 32.5	-0.5
SNDB	Serra Nova Dou	83.51 101	eP	P	15 26 37.0	0.0
CMIG	Matias Romero	83.64 49	LR	LR	15 56 11.2	
ROSC	El Rosal	83.72 73	P	P	15 26 40.2	+1.7
ROSC	El Rosal	83.72 73	P	P	15 56 13.9	
ROSC	El Rosal	83.72 73	P	P	15 56 13.9	
ROSC	El Rosal	83.72 73	P	P	15 56 13.9	
MT03	Montecristo	83.86 55	I Amb	I Amb	15 26 41.3	
LPIG	La Paz	84.08 33	LR	LR	15 56 14.0	
JANB	Januaria	84.98 109	eP	P	15 26 43.6	-0.9
MACA	Manacapuru-AM	85.11 99	eP	P	15 26 44.8	-0.4
NPGB	Novo Progresso	85.11 95	eP	P	15 26 45.1	-0.1
ZAIG	Zacatecas	85.56 40	I Amb	I Amb	15 26 50.9	
GUAO1	Guaratinga, BA	86.20 113	eP	P	15 26 50.4	-0.1
SDBA	SAO DESIDARIO	86.80 107	eP	P	15 26 53.2	-0.4
ITTB	Itaituba	87.04 93	eP	P	15 26 54.2	-0.5
CMCO1	Camacan, BA	87.36 113	eP	P	15 26 57.7	-0.5
KAPI	Kappang	88.05 264	P	P	15 26 59.7	+0.1
KAPI	Kappang	88.05 264	P	P	15 26 58.9	-0.7
KAPI	Kappang	88.05 264	P	P	16 05 27.8	
KAPI	Kappang	88.05 264	P	P	15 26 59.6	+0.1
KAPI	Kappang	88.05 264	P	P	15 27 00.1	0.0
SMTB	Santa Maria do	88.15 102	eP	P	15 27 00.1	0.0
GUMO	Guam	88.82 295	LR	LR	16 00 29.2	
SDV	Santo Domingo	89.11 74	P	P	15 27 03.8	-0.9
SDV	Santo Domingo	89.11 74	P	P	15 28 10.3	
SDV	Santo Domingo	89.11 74	P	P	15 59 57.3	
SDV	Santo Domingo	89.11 74	P	P	15 59 57.3	
TEIG	Teipich	89.39 53	LR	LR	15 58 04.3	-2.5
BOAV	Boa Vista	89.67 85	I Amb	I Amb	15 27 09.2	
BOAV	Boa Vista	89.67 85	P	P	15 27 07.0	-0.1
EALU	Elaune	90.62 62	P	P	15 27 10.0	-1.5
ELS	Elsinore Mount	91.14 24	I Amb	I Amb	15 27 16.3	
TXAR	Lajitas Array	91.14 37	P	P	15 27 13.9	+0.2
TXAR	Lajitas Array	91.14 37	P	P	15 27 14.7	+1.1
TXAR	Lajitas Array	91.14 37	P	P	15 58 59.6	
GLA	Glami	91.19 26	I Amb	I Amb	15 27 13.4	
TPFO	Pinon Flats	91.30 25	P	P	15 27 15.6	+1.3
PFO	Pinon Flats O	91.31 25	P	P	15 27 14.8	+0.5
PFO	Pinon Flats O	91.31 25	P	P	15 27 19.2	
PFO	Pinon Flats O	91.31 25	P	P	16 01 00.2	
PFO	Pinon Flats O	91.31 25	P	P	15 27 14.8	+0.5
PFO	Pinon Flats O	91.31 25	P	P	15 27 17.9	+1.4
121A	Cookes Peak, D	92.72 32	I Amb	I Amb	15 27 23.2	
121A	Cookes Peak, D	92.72 32	P	P	15 27 22.8	+1.8
ISA	Isabella, Lake	92.79 23	I Amb	I Amb	15 27 23.7	
GSC	Goldstone, Bar	92.83 24	I Amb	I Amb	15 28 28.7	
SUR	Sutherland	93.06 169	P	P	15 27 22.3	-0.6
SUR	Sutherland	93.06 169	P	P	16 05 54.9	
PCRV	Puerto La Cruz	93.56 78	LR	LR	16 02 57.9	
DSP	Deep Springs	94.54 23	I Amb	I Amb	15 27 31.6	
OMMB	Old Mammoth Mt	94.55 22	I Amb	I Amb	15 27 48.8	
HKT	Hockley	94.62 42	I Amb	I Amb	15 27 31.3	+1.9
WAKR	Walker	95.31 21	P	P	15 27 33.2	+0.5
WAKR	Walker	95.31 21	P	P	15 27 36.1	
ANMO	Albuquerque	95.36 32	I Amb	I Amb	16 02 44.8	
ANMO	Albuquerque	95.36 32	P	P	15 27 31.1	-2.0
ANMO	Albuquerque	95.36 32	P	P	15 27 31.1	-2.0
ANMO	Albuquerque	95.36 32	P	P	15 27 34.7	+1.1
NVAR	Nina Array Bea	95.48 22	P	P	16 03 15.4	
R1B1	Troy Canyon, C	96.03 24	P	P	15 27 38.2	+2.2
BOSA	Boshof	97.19 173	P	P	15 27 40.1	-1.7
BOSA	Boshof	97.19 173	P	P	16 08 44.1	
RCBR	Riachuelo	97.21 110	LR	LR	16 08 11.3	
YBH	Yreka Blue Hor	97.78 18	LR	LR	16 02 06.3	

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Table with columns for station ID, name, location, elevation, frequency, and various signal quality metrics (SNR, S/N, etc.). The table is organized into vertical columns for readability.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ABTA, CAD5, CERS, etc.

TEH 11 15:17:29.2,34:63N,46:20E, h10km,23km, ML2.9
ISN 11 15:17:30.3,1.2,34:61N,46:19E, h25km,24km, ML2.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IDHR, IGHG, KLSG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GENI, JAY, KMPI, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CARR, CARR, UXUV, etc.

NEIC 11 15:33:49.5,1.3, 10:65S,0:03,121.6E,0.2, h10km,23km,
mb4.3/8, Error ellipse: s-maj=27.2km s-min=4.7km

IDC 11 15:33:51.7,2.9, 10:64S,122:06E, h0km, mb3.3/1,
mbmp3.2/3, ML3.1/2, MS3.8/1, Error ellipse: s-maj=24.8km s-min=34.7km az=51.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MMRI, FITZ, KNRA, etc.

MKAR Makanchi Array 67.16 332 P P 15 44 48.4 +6.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H08S1, H08S2, PALK, etc.

NEIC 11 15:49:12.8,1.9, 28:66S,0:08,176:17W,0.1, h10km,1km,
mb4.5/14, Error ellipse: s-maj=20.0km s-min=13.4km

IDC 11 15:49:20.1,2.7, 28:55S,176:24W, h64km,23km, mb3.8/11,
mbmp4.1/12, MS2.6/1, Error ellipse: s-maj=23.9km s-min=18.3km az=109.0

ISC 11 15:49:16.7,0.5, 28:81S,0:08,176:16W,0:09, h38km, n48,
z=281/45, mb4.2/18, 4C, Kermadec Islands Ridge

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

11d 18h

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BARC Barichara, BRJC Barrancabermej, ARGC Ariguani, etc.

DJA 11 18:00:42.3, 0.3, 8'S, 5.117E, h10km, M3.9/7, mb4.1/1, mB4.5/1, MLV3.8/7, Mw(mB)3.7/1, Sumbawa region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KLINI Mataram, PLAI Plampang, SRBI Singaraja, etc.

PDG 11 18:00:42.3, 0.4, 0.96N, 21.03E, h4km, 1km, ML3.2/12, Error ellipse: s-maj=0.5km s-min=0.7km az=0.0

THE 11 18:00:42.5, 0.4, 9.2N, 21.06E, h1km, 1km, ML3.3/9, Error ellipse: s-maj=2.0km s-min=0.8km az=326.0

SKO 11 18:00:42.6, 0.4, 8.7N, 21.08E, h20km, ML3.3

BE0 11 18:00:43.4, 0.4, 0.4, 8.7N, 21.12E, h8km, 2km, ML3.1/13

ATH 11 18:00:44.5, 0.4, 8.4N, 21.15E, h12km, 1km, ML3.1/4, Error ellipse: s-maj=5.5km s-min=1.7km az=154.0

ISC 11 18:00:43.2, 0.8, 40.87N, 0.02, 21.08E, 0.02, h12km, 6km, n138, s1906/1922, 11C-19D, Greece

Large table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like FNA Florina, OHR Ohrid, KBN Korca, NEST Nestorio, etc.

2018 SEP

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SOH Sokhos, ULU Ulcinj, KKB Krupnik, etc.

780

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like mbmp4.1/9, ML3.5/3, MS3.5/26, Error ellipse: s-maj=47.7km s-min=20.4km az=38.0, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other technical details for stations in the 781 MHz range.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other technical details for stations in the 2018 SEP range.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other technical details for stations in the 11d 18h range.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Anaktuvuk Pass, Bananza Creek, Yukon River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCVE, Castro Verde, Mesjeja, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BVAR, Borovoye Array, FINES, etc.

IDC 11 19:09:36.0,2.4,43.40N,105.22W, h0km, mb3.4/1, s-maj=48.8km s-min=10.0km az=152.0, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDAR, Pinedale Array, ELK, ANMO, etc.

JMA 11 19:39:22.0,0.1,42.82N,0.3,142.0E,0.4, h38km, jkm, MV3.4/40, ISHIKARI DEPRESSION

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIAM, Iburiatsuma, JBT2, etc.

IDC 11 20:13:55.7,3.2,33.77S,179.22W, h0km, mb3.5/2, s-maj=36.2km az=113.0, South of Kermadec Islands

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

MDD 11 19:25:34.9,1.3,33.07N,13.20W, h11km, 8km, Mb4.2/6, M, mb3.6/6, Error ellipse: s-maj=6.5km s-min=3.1km az=121.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMPST, Porto Santo, PMAR, etc.

JMA Fall II J1 at ISHIKARI DEPRESSION, IDC 11 19:32:24.6,1.8,42.78N,142.12E, h63km, 20km, mb3.8/8, mbtm3.6/9, MS2.5/1, Error ellipse: s-maj=33.7km s-min=15.3km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAM, JIB, JBT2, etc.

IDC 11 20:44:29.2,1.3,1.59N,127.39E, h0km, mb3.7/6, mbtm3.7/6, Error ellipse: s-maj=149.7km s-min=17.4km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GAMI, Galea, Maluku, etc.

CNRM 11 19:25:38.4,33.24N,13.51W, h28km, ML3.2 IGL1 11 19:25:38.7,33.35N,13.53W, h19km, ML2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CGIN, OUK, PVFI, etc.

IDC 11 19:51:27.9,2.0,23.56N,143.37E, h0km, mb3.8/7, mbtm3.8/8, ML3.7/1, Error ellipse: s-maj=66.2km s-min=21.7km az=80.0

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

IDC 11 20:44:42.7,0.9,1.47N,0.10,127.6E,0.2, h128km, n10, z=218.9, mb3.7/6, Halmahera

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

UPA 11 21:06:24.7,1.2,8.85N,82.88W, h23km, 5km, MD3.1, 1C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLIR3, Monte Lirio, C, etc.

IDC 11 19:51:32.6,1.9,23.68N,0.1,143.3E,0.4, h31km, n8, s=11.0, mb3.8/7, Volcano Islands region

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

JMA 11 21:20:14.7,0.1,24.0N,0.7,122.3E,0.3, h38km, 2km, MD4.1/19, MV3.9/19, TAIWAN REGION

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BRU2, Volcan, BCO2, etc.

Final summary text at the bottom of the page, including station names and coordinates.

Mn=0.96; M0=4.12; M00=-4.99; Mm=2.33; M00=-3.96; M0=-0.02;
 Fault plane solution: M6.52087x1021 NP1:0.635000°,
 579.39000°, λ159.62000°. NP2:0.15741000°, 669.98000°,
 λ11.30000°. Principal axes: T P1g21.8550°,
 Azm19.0710°; N P1g67.1260°, Azm217.1390°; P
 P1g6.4250°, Azm111.6590°;
 IDC 11 21:20:43.9.5.8, 25.49Nk.122.29E, h251km, 50km, mb3.4/9,
 mbmp4.0/10 Error ellipse: s-maj=43.6km s-min=-24.2km
 az=145.0

ISC 11 21:20:14.8-0.7, 24.03N, 0.02-122.28E, 0.02, h43km, 5km,
 n222, s135/370, mb4.2/17, 20C-53D, Taiwan region

Code	Station Name	Δ°	AZ°	Op	ISC	Time	Res
						h m s	ISC
EOS4	EOS4	0.10	20	↑	Pn	21 20 21.7	+0.3
EOS4	baz=35			i	S	21 20 26.7	+0.7
EOS3	EOS3	0.26	7	↑	Pn	21 20 23.2	+0.4
EOS3	baz=345			s	S	21 20 29.1	+0.8
EOS2	EOS2	0.39	353	↑	Pn	21 20 24.6	+0.4
EOS2	baz=345			s	S	21 20 31.6	+0.7
EOS2	baz=335			s	S	21 20 31.6	+0.7
EHP	Heping Village	0.57	300	eP	Pn	21 20 26.6	0.0
EHP	baz=299			s	S	21 20 35.8	+0.8
EAHA	Aohua	0.58	301	↑	Pn	21 20 26.6	-0.2
EAHA	baz=306			s	S	21 20 35.9	+0.7
ETL	Fush Village	0.61	282	↑	Pn	21 20 26.9	-0.3
ETL	baz=272			s	S	21 20 36.0	-0.2
EWUT	Wuta	0.62	312	↑	Pn	21 20 27.3	0.0
EWUT	baz=319			i	S	21 20 36.6	+0.4
HWA	Hwalien	0.62	265	↑	Pn	21 20 27.3	0.0
HWA	baz=264			eS	S	21 20 36.6	+0.4
TWD	Chiawan	0.63	275	↑	Pn	21 20 27.0	-0.4
TWD	baz=274			s	S	21 20 35.6	-0.7
ENA	Nanau	0.63	309	↑	Pn	21 20 27.5	0.0
ENA	baz=314			s	S	21 20 36.6	+0.1
NACB	Ninganchiao	0.64	283		Pn	21 20 27.1	-0.5
NACB	baz=283			s	S	21 20 36.4	-0.3
NACB	Ninganchiao	0.64	283	P	Pn	21 20 27.4	-0.2
NACB	Ninganchiao	0.64	283	↑	Pn	21 20 27.3	-0.3
NACB	baz=273			eS	S	21 20 35.7	-1.0
TEYL	Yanliu Villag	0.65	256	↑	Pn	21 20 27.8	+0.2
ESAO	Su ao	0.68	324	eP	Pn	21 20 27.8	-0.2
ESAO	baz=329			eS	S	21 20 36.6	-0.9
SHUL	Shoufeng	0.70	250	↑	Pn	21 20 28.4	0.0
SHUL	baz=244			s	S	21 20 38.8	+0.7
TWC	Suao	0.70	326	↑	Pn	21 20 28.1	-0.3
TWC	baz=331			i	S	21 20 37.0	-1.1
ETM	Tongmen	0.72	265	↑	Pn	21 20 28.3	-0.4
ETM	baz=264			eS	S	21 20 37.7	-1.0
JYNG	Yonagunijimaku	0.74	55	P	Pn	21 20 29.3	+0.5
JYNG	JYNG	0.74	55	A	Pn	21 20 39.6	+0.6
JYNG	comp=E, 1.1nm, 0.6s, comp=N, 1.6nm, 3.3s			A	Pn	21 20 29.3	
TEGC	Jichi Village	0.75	245	eP	Pn	21 20 28.9	-0.1
TEGC	baz=237			s	S	21 20 39.6	+0.4
ETLH	Xiulin Townshi	0.75	284	↑	Pn	21 20 28.9	-0.3
ETLH	baz=283			i	S	21 20 39.2	-0.3
NDS	Dongshan	0.79	320	↑	Pn	21 20 29.9	+0.3
NDS	baz=325			s	S	21 20 39.8	-0.6
LXIB	Xiulin Townshi	0.79	270	↑	Pn	21 20 29.3	-0.4
LXIB	baz=269			eS	S	21 20 39.8	-0.8
YOJ	Yonaguni jima	0.79	57	Pn	Pn	21 20 29.9	+0.3
YOJ	baz=327			S	S	21 20 41.8	+1.4
YOJ	Yonaguni jima	0.79	57	P	Pn	21 20 30.9	+1.3
YOJ	Yonaguni jima	0.79	57	↑	Pn	21 20 30.1	+0.5
YOJ	baz=58			s	S	21 20 40.5	+0.2
YOJ	Yonaguni jima	0.79	57	P	Pn	21 20 30.1	+0.5
YOJ	baz=58			S	S	21 20 40.9	+0.6
ESL	Shilin	0.81	255	↑	Pn	21 20 29.2	-0.5
ESL	baz=246			eS	S	21 20 39.4	-1.2
LATG	Datong	0.85	306	↑	Pn	21 20 30.5	-0.1
LATG	baz=306			eS	S	21 20 41.8	-0.2
EGFH	Guangfu	0.86	246	eP	Pn	21 20 30.3	-0.2
EGFH	baz=244			s	S	21 20 41.7	-0.3
EGS		0.87	339	↑	Pn	21 20 30.9	+0.2
EGS	baz=340			s	S	21 20 41.7	-0.6
WARBT	Fenglin Townsh	0.88	250	↑	Pn	21 20 30.3	-0.5
WARBT	baz=242			s	S	21 20 41.3	-1.1
ILA	Ilan	0.88	327	P	Pn	21 20 31.4	+0.6
ILA	baz=327			s	S	21 20 42.6	+0.1
TWE	Neicheng	0.89	321	↑	Pn	21 20 31.4	+0.5
TWE	baz=327			s	S	21 20 42.9	+0.3
ENTT	Nioudou	0.89	313	↑	Pn	21 20 31.1	+0.1
ENTT	baz=305			eS	S	21 20 43.0	+0.2
NDT	Datong Townshi	0.90	309	↑	Pn	21 20 31.4	+0.2
NDT	baz=309			i	S	21 20 43.5	+0.4
NNSB	Datong	0.91	296	↑	Pn	21 20 31.4	0.0
NNSB	baz=296			s	S	21 20 43.0	-0.4
NTC	Toucheng	0.92	334	eP	Pn	21 20 31.8	+0.5
NTC	baz=341			eS	S	21 20 43.9	+0.5
NNS	Nan Shan	0.93	296	↑	Pn	21 20 31.5	-0.1
NNS	baz=296			s	S	21 20 43.2	-0.5
WHF	Hehuan Shan	0.94	277	↑	Pn	21 20 31.7	-0.2
WHF	baz=276			eS	S	21 20 44.0	-0.4
HGSD	Ruisui	0.95	236	eP	Pn	21 20 31.5	-0.2
HGSD	baz=227			eS	S	21 20 43.5	-0.6
FUSB	Fushanzhiwuyua	0.96	319	↑	Pn	21 20 32.5	+0.4
FUSB	baz=319			s	S	21 20 45.0	+0.4

FUSS	Fushou	0.97	283	↑	Pn	21 20 32.4	+0.1
FUSS	baz=283			eS	S	21 20 44.8	-0.3
EHYH	Wanrong	1.01	238	P	Pn	21 20 32.6	0.0
EHYH	baz=249			eS	S	21 20 45.0	-0.6
TWB1	Santiao Chiao	1.01	345	↑	Pn	21 20 32.5	-0.1
TWB1	baz=345			eS	S	21 20 43.8	-1.8
CHGB	Renai	1.01	272	↑	Pn	21 20 33.0	+0.2
CHGB	baz=271			eS	S	21 20 45.6	-0.4
OWD	Renai	1.01	266	↑	Pn	21 20 32.8	0.0
OWD	baz=275			eS	S	21 20 45.0	-0.9
EHY	Hungye	1.02	240	↑	Pn	21 20 32.5	-0.2
EHY	baz=290			i	S	21 20 45.4	-0.5
TIPB	Shuangxi	1.03	336	↑	Pn	21 20 33.0	+0.2
TIPB	baz=349			eS	S	21 20 45.1	-1.0
NWLTL	Wulai	1.03	317	↑	Pn	21 20 33.3	+0.4
NWLTL	baz=316			s	S	21 20 46.7	+0.6
TWT	Tachien	1.03	283	eP	Pn	21 20 33.5	+0.5
TWT	baz=274			eS	S	21 20 45.2	-1.2
ECBN	Changbin	1.04	227	↑	Pn	21 20 33.0	0.0
ECBN	baz=217			s	S	21 20 46.0	-0.4
YHNB	Yeheng	1.04	308	Pn	Pn	21 20 33.4	+0.3
YHNB	baz=308			S	S	21 20 46.2	-0.4
YHNB	Yeheng	1.04	308	P	Pn	21 20 33.7	+0.6
YHNB	Yeheng	1.04	308	↑	Pn	21 20 33.4	+0.3
YHNB	baz=308			eS	S	21 20 46.0	-0.6
TDCB	Techi	1.05	283	↑	Pn	21 20 33.5	+0.3
TDCB	baz=274			eS	S	21 20 46.8	0.0
WUSB	Renai	1.06	268	↑	Pn	21 20 33.7	+0.3
WUSB	baz=267			s	S	21 20 46.3	-0.9
VWDT	VWDT	1.08	256	↑	Pn	21 20 34.0	+0.5
VWDT	baz=245			s	S	21 20 46.8	-0.5
YULB	Yu-li	1.10	235	P	Pn	21 20 33.7	-0.1
YULB	Yu-li	1.10	235	P	Pn	21 20 34.1	+0.2
YULB	Yu-li	1.10	235	↑	Pn	21 20 33.8	-0.1
YULB	baz=247			eS	S	21 20 47.3	-0.6
EYUL	Yuli	1.11	233	eP	Pn	21 20 34.3	+0.3
EYUL	baz=224			eS	S	21 20 47.9	-0.2
SX11	Grass Mountain	1.12	341	↑	Pn	21 20 34.3	0.0
SX11	baz=353			eS	S	21 20 47.9	-0.7
TWF1	Yuli	1.13	233	↑	Pn	21 20 34.3	+0.1
TWF1	baz=245			eS	S	21 20 48.3	-0.2
NWF	Wu-fen Shan	1.13	336	↑	Pn	21 20 34.6	+0.3
NWF	baz=349			eS	S	21 20 48.3	-0.5
WFBS	Wu-fen Shan	1.13	336	↑	Pn	21 20 34.6	+0.4
WFBS	baz=349			s	S	21 20 48.3	-0.3
TWA	Mucha	1.14	326	↑	Pn	21 20 35.3	+0.9
TWA	baz=326			eS	S	21 20 48.5	-0.4
NHDH	Xinan Distri	1.16	324	i	Pn	21 20 35.8	+1.2
NHDH	baz=323			s	S	21 20 50.3	+1.1
CHKH	Chenggong	1.16	224	eP	Pn	21 20 34.2	-0.4
CHKH	baz=216			i	S	21 20 48.2	-1.2
TATO	Taipei	1.19	323	Pn	Pn	21 20 35.7	+0.7
TATO	Taipei	1.19	323	P	Pn	21 20 35.0	+1.0
NHY	Taipei	1.20	327	eP	Pn	21 20 36.4	+1.4
NHY	baz=327			s	S	21 20 35.8	+0.6
TNOU	National Taiwa	1.21	338	↑	Pn	21 20 51.3	+1.1
TNOU	baz=349			s	S	21 20 52.5	-0.1
NFF	Wufeng Townshi	1.22	300	P	Pn	21 20 36.3	+0.8
NFF	baz=299			eS	S	21 20 51.6	+0.8
FULB	Fuli	1.23	228	P	Pn	21 20 35.4	-0.2
FULB	baz=217			s	S	21 20 50.3	-0.6
TAP	Taipei	1.23	325	eP	Pn	21 20 36.2	+0.6
TAP	baz=325			eS	S	21 20 51.5	+0.5
SSLB	Suanglung	1.24	259	P	Pn	21 20 36.0	+0.3
SSLB	Suanglung	1.24	259	P	Pn	21 20 36.2	+0.5
SSLB	Suanglung	1.24	259	↑	Pn	21 20 36.1	+0.3
SSLB	baz=258			s	S	21 20 49.5	-1.8
WHP	Taichung City	1.25	282	↑	Pn	21 20 36.8	+0.9
WHP	baz=274			eS	S	21 20 52.4	+0.9
CHKT	Chengkung	1.25	222	↑	Pn	21 20 35.3	-0.6
CHKT	baz=214			i	S	21 20 49.8	-1.7
WCS	Beigang Elemen	1.25	272	eP	Pn	21 20 36.5	+0.7
WCS	baz=271			eS	S	21 20 52.3	-0.2
YMO1	YMO1	1.29	330	eP	Pn	21 20 36.6	+0.2
YMO1	baz=343			eS	S	21 20 52.3	-0.2
LIOB	LIOB	1.31	298	↑	Pn	21 20 38.1	+1.5
LIOB	baz=298			i	S	21 20 54.4	+1.5
TYC	Yueh	1.31	265	↑	Pn	21 20 37.3	+0.6
TYC	baz=264			eS	S	21 20 52.4	-0.5
NSTT	Nanjuang	1.31	297	↑	Pn	21 20 38.1	+1.4
NSTT	baz=297			i	S	21 20 54.2	+1.2
YMO8	YMO8	1.31	332	↑	Pn	21 20 36.6	-0.2
YMO8	baz=344			eS	S	21 20 52.1	-1.1
EHD	Haiduan	1.32	229	eP	Pn	21 20 37.0	+0.2
EHD	baz=240			s	S	21 20 53.5	+0.3
TWS1	Kuangyinshan	1.33	324	↑	Pn	21 20 36.8	-0.1
TWS1	baz=324			i	S	21 20 53.6	+0.2
ANP	Anpu	1.34	329	P	Pn	21 20 37.3	

ECL	Taimali	1.88 221	eP	Pn	21 20 44.1	-0.3
ECL	baz=220		S	Sn	21 21 05.5	-1.4
WSF	Szhu	1.93 259	eP	Pn	21 20 47.0	+1.9
WSF	baz=258		S	Sn	21 21 10.9	+2.8
JISG	Ishigakijimahi	1.93 73	P	Sn	21 20 45.6	+0.4
JISG	Ishigakijimahi	1.93 73	A	Sn	21 20 08.2	-0.2
JISG	Ishigakijimahi	1.93 73	A	Sn	21 20 45.6	
WSL	Shuiliin Townsh	1.95 255	iP	Pn	21 20 47.6	+2.2
WSL	baz=244		iS	Sn	21 21 11.9	+3.2
ICHU	Yijhu	1.95 250	P	Pn	21 20 47.6	+2.1
ICHU	baz=250		eS	Sn	21 21 10.9	+2.1
SCST	Cishan	2.00 236	eP	Sn	21 20 49.1	+3.0
SCST	baz=248		eS	Sn	21 21 14.2	+4.3
CHN3	Shinhua	2.00 242	eP	Pn	21 20 49.2	+3.1
CHN3	baz=242		eS	Sn	21 21 13.6	+3.6
TSMG	Majia	2.00 229	eP	Pn	21 20 47.8	+1.7
TSMG	baz=226		eS	Sn	21 21 10.5	+0.5
CHN8	Yiju	2.02 251	P	Pn	21 20 48.2	+1.8
CHN8	baz=250		iS	Sn	21 21 13.1	+2.8
SSHA	Shanhua	2.03 244	eP	Pn	21 20 48.6	+2.0
SSHA	baz=256		S	Sn	21 21 14.9	+4.1
SSHT	Tainan City	2.04 241	eP	Pn	21 20 50.2	+3.6
MASBT	Mashubulo	2.07 227	eP	Pn	21 20 48.2	+1.1
MASBT	baz=226		eS	Sn	21 21 12.0	+0.3
TWMT	Shoushan	2.09 235	eP	Pn	21 20 50.9	+3.5
TWMT	baz=234		eS	Sn	21 21 15.9	+3.8
LAY	Lan-yu	2.09 199	iP	Pn	21 20 46.6	-0.8
LAY	baz=199		S	Sn	21 21 10.4	-1.9
SCLT	Jiali	2.10 246	P	Pn	21 20 49.7	+2.2
SCLT	baz=246		iS	Sn	21 21 15.3	+3.0
SGLT	Jiouru	2.10 232	eP	Pn	21 20 50.7	+3.2
SGLT	baz=222		eS	Sn	21 21 14.9	+2.6
TAW	Tawu	2.10 218	eP	Pn	21 20 47.4	-0.1
TAW	baz=217		eS	Sn	21 21 11.2	-1.1
EAST	Anshuo	2.10 219	eP	Pn	21 20 47.4	-0.2
EAST	baz=219		eS	Sn	21 20 47.8	+0.1
TAWH	Dawu Township	2.11 218	eP	Pn	21 20 47.8	+0.1
TAWH	baz=218		eS	Sn	21 21 11.9	-0.9
LYUB	Lan-yu	2.12 198	iP	Pn	21 20 46.6	-1.2
TAI1	Yung-kang	2.13 243	eP	Sn	21 20 50.9	+3.0
TAI1	baz=254		eS	Sn	21 21 17.2	+4.2
SNJT	Kaoshiung City	2.19 235	eP	Pn	21 20 52.6	+3.8
SNJT	baz=235		S	Sn	21 21 20.2	+5.5
TSCK	Chigu Township	2.20 247	P	Pn	21 20 50.8	+2.0
TSCK	baz=247		iS	Sn	21 21 16.7	+1.9
SCZT	Fangliu	2.25 223	eP	Pn	21 20 50.5	+1.0
SLIU	Shizi	2.26 217	eP	Pn	21 20 50.0	+0.3
SLIU	baz=218		S	Sn	21 20 50.9	+0.7
JTJ	Tarama	2.29 74	P	Sn	21 21 17.4	+0.2
JTJ	baz=218		S	Sn	21 20 52.1	+0.5
SMST	Manzhou Townsh	2.40 214	eP	Sn	21 21 19.2	-0.6
SMST	baz=214		eS	Sn	21 20 53.7	+1.1
HEN	Hengchun	2.46 216	eP	Sn	21 21 22.3	+0.9
HEN	baz=209		eS	Sn	21 20 53.0	+0.3
TWKBT	Hengchun	2.48 213	eP	Pn	21 20 54.5	+1.2
TWKBT	baz=214		iS	Sn	21 21 23.2	+0.4
WDGT	Dungji	2.52 253	iP	Pn	21 20 54.5	+1.2
WDGT	baz=243		iS	Sn	21 21 23.2	+0.4
PHUB	Peng-hu	2.53 259	iP	Pn	21 20 54.3	+0.8
PHUB	baz=273		S	Sn	21 21 24.0	+0.9
PNG	Penghu	2.54 260	iP	Pn	21 20 54.2	+0.7
PNG	baz=260		iS	Sn	21 21 23.5	+0.3
VVUC	Wucun	2.75 291	eP	Pn	21 20 56.3	-0.1
JIRB	Irabujima	2.75 73	eP	Sn	21 20 57.4	+0.9
JIRB	baz=291		S	Sn	21 21 28.8	+0.3
JKIM	Ikemajima	2.85 71	eP	Sn	21 20 58.9	+1.1
JKIM	baz=71		S	Sn	21 21 31.2	+0.3
JMJ2	Miyako jima 2	2.85 73	eP	Pn	21 20 59.6	+1.7
JMJ2	baz=73		S	Sn	21 20 59.2	+1.2
JMJ2	baz=73		S	Sn	21 21 32.2	+0.9
JOGS	Gusukube	2.94 75	eP	Sn	21 21 00.4	+1.3
JOGS	baz=75		eS	Sn	21 21 34.8	+1.6
MATB	Ma-tsu	2.99 315	eP	Pn	21 20 59.1	-0.7
LYJY	Jianjiangzhen	3.39 318	eP	Pn	21 21 04.4	-0.8
XPSS	Dashiqiu	3.45 327	eP	Pn	21 21 05.5	-0.6
KNM	Kinmen	3.53 277	eP	Pn	21 21 08.7	+1.5
KNM	baz=277		S	Sn	21 21 07.5	-0.4
KNMB	Chin-men Tao	3.58 278	eP	Pn	21 21 07.4	-0.4
KNMB	baz=278		eS	Sn	21 21 07.2	-0.9
MHZO	Yeshan	3.60 306	eP	Pn	21 21 07.2	-0.9
MHZO	baz=304		eS	Sn	21 21 15.4	-0.3
ZPLA	Ao Xicun	4.15 270	eP	Pn	21 21 23.9	-1.0
SXFK	Yanhouchang	4.82 300	eP	Pn	21 21 41.6	-0.8
SXFK	baz=300		Pn	Sn	21 22 09.4	-3.4
JOW	Kunigami	6.09 61	Pn	Pn	21 22 36.6	+3.0
JMZ	Naminadaito 2	8.31 76	Pn	Pn	21 22 36.6	+3.0
KSR5	Korea Array	14.23 19	P	P	21 25 25.2	+1.5
CMAR	Chiang Mai Arr	22.43 260	P	P	21 25 25.2	+1.5
CMAR	comp=N,0.6nm,0.7s,baz=68,slow=8.6,SNR=4.6					
JKA	Kamikawa-asahi	26.04 35	P	P	21 25 42.0	-2.0
ULN	Ulanbaatar	26.69 337	P	Iamb	21 25 50.4	
ULN	comp=Z,7.2nm,0.7s					
SONM	Songino Array	26.91 336	P	Iamb	21 25 51.0	-0.9
SONM	comp=Z,7.8nm,0.7s					
SONM	Songino Array	26.91 336	P	Iamb	21 25 51.5	-0.5
SONM	comp=Z,6.6nm,0.7s,baz=151,slow=10,SNR=29					
MK31	Makanchi Array	39.15 316	P	P	21 27 38.0	-0.3
MKAR	Makanchi Array	39.15 316	P	P	21 27 37.7	-0.6
MKAR	Makanchi Array	39.15 316	P	P	21 27 38.2	-0.1
MKAR	comp=Z,0.6nm,0.3s,baz=99,slow=9.5,SNR=12					
TARG	Taragay, Kyrgy	40.81 307	P	Iamb	21 27 50.8	-1.9
TARG	comp=Z,0.6nm,0.3s					

ZAAO	Zalesovo Array	40.92 327	P	P	21 27 51.4	-1.5
ZALV	Zalesovo Beam	40.92 327	P	P	21 27 51.4	-1.5
ZALV	comp=Z,2.5nm,0.6s,baz=111,slow=6.5,SNR=13					
KURK	Kurchatov	42.85 320	P	Iamb	21 28 08.8	+0.1
KURK	comp=Z,7.4nm,1.4s					
KURB	Kurchatov Arra	42.87 320	P	P	21 28 08.5	-0.3
KURB	comp=Z,0.6nm,0.2s,baz=98,slow=9.5,SNR=5.0					
WB2	Warramunga Arr	45.26 164	P	Iamb	21 28 28.6	+0.3
WB2	comp=Z,5.8nm,1.2s					
KKAR	Karavat Array	46.36 307	P	P	21 28 36.9	+0.1
BVAR	Borovoye Array	48.43 321	P	P	21 28 52.7	0.0
BVAR	comp=Z,1.2nm,0.6s,baz=107,slow=9.7,SNR=9.4					
BRVK	Borovoye	48.50 321	P	P	21 28 52.5	-0.7
ABKAR	Akbulak array	54.27 314	P	P	21 29 36.0	-0.5
ABKAR	Akbulak array	54.27 314	P	P	21 29 36.3	-0.2
L14K	Kuka Creek	62.06 32	P	P	21 30 30.3	-0.4
K15K	Wolf Creek Mou	62.61 31	P	P	21 30 34.1	-0.4
J17K	VAMI Dome	63.73 29	P	P	21 30 41.8	-0.1
PPLA	Purkeypille	66.89 30	P	Iamb	21 31 02.3	-0.2
PPLA	comp=Z,3.6nm,1.0s					
BPWA	Bear Paw Mtn.	67.25 28	P	Iamb	21 31 04.6	0.0
BPWA	comp=Z,4.4nm,1.4s					
RND	Reindeer	68.30 29	P	Iamb	21 31 10.3	-1.0
RND	comp=Z,2.6nm,0.8s					
ILAR	Ilar	68.89 27	P	P	21 31 13.4	-1.5
ILAR	comp=Z,0.3nm,0.5s,baz=291,slow=8.5,SNR=4.9					
BMAR	Burnt Mountain	69.25 24	P	P	21 31 17.8	+0.7
EGAK	Eagle	71.27 27	P	Iamb	21 31 28.7	-0.7
EGAK	comp=Z,5.9nm,1.5s					
BCAR	Beaver Creek A	71.49 29	P	P	21 31 31.2	+0.3
FINES	FINES Array B	72.08 330	P	P	21 31 33.5	-0.8
FINES	FINES Array B	72.08 330	P	P	21 31 33.7	-0.7
FINES	comp=Z,1.8nm,0.9s,baz=64,slow=4.4,SNR=7.2					
BRTR	Keskin Array B	74.07 307	P	P	21 31 47.1	+0.4
BRTR	comp=Z,1.0nm,0.9s,baz=119,slow=10,SNR=5.5					

IDC 11 21:24:49.3±1.3, 36°48N:28°75E, h0km, mb3.6/3, mbmp3.6/8, ML3.6/4, Error ellipse: s-maj=23.3km s-min=18.1km az=166.0
 ISK 11 21:24:49.9, 36°48N:28°75E, h5km, ML3.3/20
 Gil 11 21:24:50.2±0.3, 36°27N:0°03:28.776E:0.009, h6km, mWvs3.4, conllrmed
 AFAD 11 21:24:50.6±0.0, 36°47N:28°73E, h7km, 2km, MW3.5
 NIC 11 21:24:51.9, 36°18N:28°87E, h0km, ML2.8/10
 THE 11 21:24:52.5, 36°50N:28°61E, h0km, 3km, ML2.6/1, Error ellipse: s-maj=8.7km s-min=1.7km az=106.0
 ATH 11 21:24:54.4, 36°52N:28°67E, h28km, 12km, ML3.2/6, Manual Solution by L.Dede This location: 2020/06/25
 06:12:47 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 2 km; Longitude uncertainty: 2 km
 ISC 11 21:24:50.6±1.0, 36°45N:0°02:28.75E:0.02, h11km, 7km, n112, ±141/149, mb3.4/3, Dodecanese Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
FETY	Fethiye	0.33	56	Pg	21 25 06.9	-0.3
FETY	Fethiye			Sg	21 25 02.8	-1.0
DALY	Dalyan (Mula)	0.37	348	Pg	21 24 57.8	-0.2
DALY	Dalyan (Mula)			Sg	21 25 03.8	+1.3
DZJE	Mula-Seydik	0.39	92	S	21 25 02.2	-0.1
IZZE	Mula-Dalaman	0.41	26	P	21 25 03.3	-0.1
SABU	Mula-Dalaman	0.41	26	P	21 24 58.7	-0.1
SABU	Mula-Dalaman			Sg	21 25 04.6	+0.4
MRSB	Marmaris-Mugla	0.52	301	Pg	21 25 00.8	+0.1
MRSB	Marmaris-Mugla			Sg	21 25 06.9	+0.4
TURN	Turunc	0.52	309	Pg	21 25 08.8	+0.1
TURN	Turunc			Sg	21 25 08.8	-0.5
TURN	Turunc	0.52	309	Pg	21 25 00.0	-0.7
TURN	Turunc			Sg	21 25 07.8	+0.3
ARG	Arkhangelos	0.56	245	P	21 25 01.4	0.0
ARG	Arkhangelos			S	21 25 10.8	+0.4
ARG	898nm,0.8s					
ARG	Arkhangelos	0.56	245	P	21 25 01.4	0.0
ARG	Arkhangelos			AML	21 25 15.3	
ARG	2.2nm,0.6s					
ARG	2.0nm,0.5s					
CAME	Cameli-Denizli	0.66	42	Pg	21 25 03.5	0.0
AKAS	Kas	0.73	107	Pg	21 25 05.3	+0.6
AKAS	Kas			Pg	21 25 05.1	+0.4
AKAS	Kas			S	21 25 05.9	+1.1
KSL	Kastellorion	0.74	114	P	21 25 10.1	+3.1
KSL	Kastellorion			S	21 25 20.8	+2.5
KNIK	Mula-Seydik	0.77	59	P	21 25 05.6	+0.1
KNIK	Mula-Seydik			Sb	21 25 16.4	+0.3
VER	Yerkesik	0.78	331	Pg	21 25 05.8	-0.4
YER	Yerkesik	0.78	331	Pg	21 25 17.4	+0.6
YER	Yerkesik			Sb	21 25 06.1	-0.2
CAEL	Denizli, Camel	0.81	34	P	21 25 07.1	0.0
DNZT	Denizli-Tavas-	0.85	15	P	21 25 07.1	0.0
DNZT	Denizli-Tavas-			Sg	21 25 17.4	-0.8
MUGL	Mugla, Merkez	0.87	337	Pg	21 25 14.1	+0.5
DEMTR	Demre-Antalya	0.96	103	Pg	21 25 09.8	+0.5
ELL	Elmalı	0.98	72	Pg	21 25 10.0	+0.3
ELL	Elmalı			S	21 25 27.7	+3.2
ELL	13nm,0.6s			AML	21 25 32.9	
ELL	8.5nm,0.7s			AML	21 25 34.8	
DAT	Dataca	0.98	287	Pg	21 25 09.9	+0.2
DAT	Dataca			Pg	21 25 09.1	-0.4
DAT	Dataca	0.98	287	Pg	21 25 09.7	

IDC 11 21:58:47.4,2.2,4.7:35N:151.28E,h178km,22km,mb3.2/7, mbmp3.8/12, Error ellipse: s-maj=27.3km s-min=13.6km az=143.0

JMA 11 21:58:47.4,0.7,46°N,5°15'2E",h179km,MV4.3/13, KURILE ISLANDS REGION

ISC 11 21:58:44.4,0.7,46.92N:101.151.85E:0.09,h150km,n57, az=256/60,mb3.4/8,1D,Kuril Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res ISC. Lists various seismic stations and their recorded data, including specific event details like HELE 11 22:06:58.7,0.4,6.7:17N:20.63E,h0km,ML1.1,Explosion.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res ISC. Lists various seismic stations and their recorded data, including specific event details like ISK 11 22:26:00.5,36.48N:28.74E,h5km,ML2.6/20.

AKASG Malin Array Be 141.92 331 PKP PKPdf 22 45 37.7 +0.8
0.7nm, 0.5s, baz=45, slow=4.1, SNR=4.4

NAO 11 22:47:54.0, 0.3, 73.70N, 8.64E, ML3.4
IDC 11 22:47:55.2, 1.3, 73.57N, 8.59E, h0km, mb3.5/4,
mbmp3.6/7, ML2.5/2, MS2.9/9, Error ellipse: s-maj=25.9km
s-min=14.8km az=72.0

BER 11 22:47:57.0, 0.2, 73.66N, 8.51E, h10km, mb(Pn)4.1,
ML3.4(NAO), Confirmed Earthquake

ISC 11 22:47:56.3, 0.9, 73.63N, 0.08, 9.15E, 0.08, h10km, n40,
r1949/35, mb3.6/4, MS2.8/6, Greenland Sea

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

NAO 11 23:06:10.7, 5.5, 73.74N, 8.70E, ML2.9
BER 11 23:06:13.4, 2.5, 73.71N, 8.51E, h10km, mb(Pn)3.6,
ML2.9(NAO), Confirmed Earthquake

ISC 11 23:06:09.8, 3.2, 73.77N, 0.18, 8.2E, 0.3, h10km, n16,
r1530/18, Greenland Sea

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

IDC 11 23:19:40.3, 6.0, 31.62S, 178.96W, h45km, 50km, mb4.0/5,
mbmp4.3/6, ML3.7/1, Error ellipse: s-maj=44.0km
s-min=23.4km az=58.0

WEL 11 23:19:46.9, 0.7, 32.57S, 177.8W, h120km, M4.4/27,
mb5.0/23, ML5.0/30, MLV5.0/27, Mw(mb)4.3/23, Error
ellipse: s-maj=0.0km s-min=0.0km az=10.6

NEIC 11 23:19:50.2, 1.2, 31.73S, 0.07, 179.3W, 0.2, h120km, 8km,
mb4.3/4, Error ellipse: s-maj=24.9km s-min=3.8km
az=12.0

NOU 11 23:20:41.4, 35.85S, 178.93E, h129km, MLV4.3/10, Off E.
Coast of N. Island, N.Z.

ISC 11 23:19:49.2, 0.6, 32.12S, 0.06, 179.0W, 0.1, h150km, n113,
r293/111, mb4.2/13, 4C, South of Kermadec Islands

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

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

HEL 11 23:20:42.0, 1.0, 67.88N, 19.14E, h0km, ML1.7, Explosion
UPP 11 23:20:39.2, 0.1, 67.84N, 20.20E, h0km, ML1.6, Unknown,
Sweden

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

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

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

WAKC		Lg	Sn	00 15 24.1 -2.5
GVZ	Greta Valley S	0.53 15	P	Pb 00 15 15.7 +0.4
GVZ			Pb	00 15 23.9 +0.8
RACZ	Rakaia	0.57 244	P	Pb 00 15 16.2 +0.3
RACZ			Pb	00 15 24.4 +0.2
OXZ	Oxford	0.61 284	P	Pb 00 15 16.4 +0.1
OXZ			Pb	00 15 24.5 -0.9
LTZ	Lake Taylor	0.81 329	P	Pb 00 15 20.6 -1.0
LTZ			Pb	00 15 31.8 -2.1
WACZ	Wakanui South	0.86 237	P	Pb 00 15 21.8 -0.3
WACZ			Pb	00 15 34.2 -0.8
MHCZ	Mount Hutt	0.93 266	P	Pb 00 15 23.9 -0.8
MHCZ			Pb	00 15 35.1 -1.7
KHZ	Kahutara	1.18 26	P	Pb 00 15 26.2 -0.3
KHZ	Kahutara	1.18 26	P	Pb 00 15 25.8 -0.5
INZ	Inchbonnie	1.27 306	P	Pb 00 15 27.4 -0.5
INZ			Pb	00 15 32.1 +1.3
ARCZ	Arundel	1.30 248	P	Pb 00 15 27.5 -0.7
ARCZ			Pb	00 15 43.3 -1.9
RPZ	Rata Peaks	1.32 259	P	Pb 00 15 28.3 -0.5
RPZ	Rata Peaks	1.32 259	Pg	Pb 00 15 27.9 -0.6
RPZ	68nm,0.3s,baz=88,slow=0.7,SNR=104			
RPZ	227nm,0.3s,baz=5.7,slow=20,SNR=13	Lg		00 15 47.0
RPZ	Rata Peaks	1.32 259	P	Pb 00 15 27.9 -0.6
RPZ			Pb	00 15 45.4 -0.5
RPZ			Pb	00 15 33.6 -0.6
TMZ	Waitaha Valley	1.59 284	P	Pb 00 15 24.2 +0.4
TMZ	Timaru	1.61 235	P	Pb 00 15 54.8 -0.5
TMZ			Pb	00 15 33.7 -0.3
THZ	Topohouse	1.72 2	P	Pb 00 15 54.6 -1.6
THZ			Pb	00 15 36.5 0.0
DSZ	Denniston Nort	1.90 336	P	Pb 00 15 36.8 +0.1
DSZ			Pb	00 15 39.4 +0.5
BSWZ	Blackbirch Sta	1.92 24	P	Pb 00 15 39.5 0.0
MRNZ	Matariki Terra	2.08 358	P	Pb 00 16 11.6 +0.3
LBZ	Lake Benmore	2.12 244	P	Pb 00 15 41.0 +0.4
LBZ			Pb	00 16 11.1 +1.1
TUWZ	Tuamarina	2.20 22	P	Pb 00 16 08.4 +0.3
FOZ	Fox Glacier	2.21 268	P	Pb 00 15 40.6 -0.3
FOZ			Pb	00 15 40.5 -0.3
ODZ	Otahua Downs	2.22 225	P	Pb 00 15 42.2 +0.4
ODZ	Otahua Downs	2.22 225	P	Pb 00 15 44.7 +0.8
NNZ	Neison	2.29 10	P	Pb 00 15 44.1 -0.7
TKNZ	Takaka Hill	2.50 26	P	Pb 00 15 44.6 -0.8
TCW	Tony Channel	2.56 37	P	Pb 00 15 45.0 -0.6
BHW	Baring Head	2.56 37	P	Pb 00 15 45.2 -1.1
SNZO	South Karori	2.57 33	P	Pb 00 15 47.2 +0.3
PLWZ	Palliser	2.61 44	P	Pb 00 15 47.1 +0.2
QRZ	Quartz Range	2.66 355	P	Pb 00 15 46.7 -1.0
QRZ	Quartz Range	2.79 37	P	Pb 00 15 49.4 +0.7
MSWZ	Moikau Station	2.79 17	P	Pb 00 15 49.1 -0.9
DUWZ	D'Urville Isla	2.89 36	P	Pb 00 15 49.8 -0.3
CAW	Cannon Point	2.89 36	P	Pb 00 15 50.0 -1.0
HHSZ	Highcliff Hill	2.89 213	P	Pb 00 15 51.7 0.0
TRWZ	Traveler	2.96 46	P	Pb 00 15 51.4 -0.7
JCZ	Jackson Bay	3.00 257	P	Pb 00 15 52.3 -0.2
JCZ	Jackson Bay	3.00 257	P	Pb 00 15 52.0 -0.4
KIW	Kapiti Island	3.03 31	P	Pb 00 15 52.4 -0.3
WKZ	Wanaka	3.07 243	P	Pb 00 15 53.1 -0.8
EAGZ	Earnsclough	3.08 234	P	Pb 00 15 56.4 -0.3
OGWZ	Olaki Gorge	3.17 34	P	Pb 00 15 56.8 -1.3
HOWZ	Holdsforth Sta	3.25 38	P	Pb 00 16 02.3 +0.6
TUZ	Tuapeka	3.37 222	P	Pb 00 16 03.3 -1.8
MRZ	Mangatainoka R	3.48 37	P	Pb 00 16 03.2 -0.5
MSZ	Milford Sound	3.74 250	P	Pb 00 16 05.6 -0.1
BFZ	Birch Farm	3.77 43	P	Pb 00 16 05.7 -0.1
BFZ	Birch Farm	3.77 43	P	Pb 00 16 10.4 +1.3
MLZ	Mavora Lakes	3.88 339	P	Pb 00 16 10.9 +1.8
SYZ	Scrubby Hill	4.03 219	P	Pb 00 16 11.0 +1.9
SYZ	Scrubby Hill	4.03 219	P	Pb 00 16 08.4 -0.7
TSZ	Takapari Road	4.14 35	P	Pb 00 16 12.2 +1.8
KHEZ	Kahui Hut	4.27 12	P	Pb 00 16 12.5 0.0
KHEZ	Kahui Hut	4.27 12	P	Pb 00 16 12.0 -0.7
NBEZ	Newall Road No	4.28 11	P	Pb 00 16 15.2 +1.9
PRHZ	Porangahua	4.28 43	P	Pb 00 16 14.8 +1.4
PKE	Pukeiti	4.37 12	P	Pb 00 16 13.4 -0.5
DCZ	Deep Cove	4.53 242	P	Pb 00 16 13.3 +1.1
PXZ	Pawara	4.58 19	P	Pb 00 16 15.3 +1.1
VRZ	Vera Road	4.58 19	P	Pb 00 16 15.8 -2.7
POVZ	Pokaka	4.59 25	P	Pb 00 16 18.2 +1.0
MWVZ	Moawhango	4.62 29	P	Pb 00 16 15.1 -0.8
WNVZ	Wahianoa	4.64 27	P	Pb 00 16 17.0 +0.9
KRHZ	Kereru	4.66 36	P	Pb 00 16 17.0 +0.8
WHVZ	Whangape Hut	4.71 28	P	Pb 00 16 17.0 +0.9
TUVZ	Tukino	4.71 28	P	Pb 00 16 17.0 +0.9
KAHZ	Kahuranaki	4.76 41	P	Pb 00 16 17.2 +0.5
NGZ	Ngauruhoe	4.77 27	P	Pb 00 16 17.2 +0.5
SNVZ	South Ngauruhoe	4.78 27	P	Pb 00 16 17.2 +0.5
NPZ	The Paps	4.80 224	P	Pb 00 16 17.1 +0.3
OTVZ	Oturea	4.81 27	P	Pb 00 16 17.6 +0.5
ANVZ	North Ngauruhoe	4.82 27	P	Pb 00 16 17.8 +0.5
WTVZ	West Tongariro	4.83 26	P	Pb 00 16 18.0 +0.6
ETVZ	East Tongariro	4.85 27	P	Pb 00 16 18.0 +0.6
TMVZ	Te Maari	4.86 27	P	Pb 00 16 18.0 +0.6
NTVZ	North Tongariro	4.87 27	P	Pb 00 16 19.3 +1.3
KHZ	Black Stump Fm	5.11 34	P	Pb 00 16 22.1 +0.5
HIZ	Hauti	5.19 18	P	Pb 00 16 22.1 +0.5
HIZ	Hauti	5.19 18	P	Pb 00 16 22.1 +0.5
TLZ	Tolley Road	5.53 23	P	Pb 00 16 26.8 +0.3
URZ	Urewera	6.13 33	P	Pb 00 16 33.1 -1.5
URZ	Urewera	6.13 33	P	Pb 00 16 33.1 -1.5
AWAZ	Awhitu Peninsula	6.55 13	P	Pb 00 16 41.1 +0.7
MKAZ	Moumaki	6.61 16	P	Pb 00 16 41.8 +0.6
RUGZ	Raukumara Rang	6.62 35	P	Pb 00 16 40.3 -1.1
HAZ	Te Kaha	6.64 35	P	Pb 00 16 42.1 -2.1
WIAZ	Waikaeke Island	6.91 15	P	Pb 00 16 45.7 +0.5
MAZ	Matakaoke Point	7.23 37	P	Pb 00 17 03.0 0.0
OUZ	Omahuta	8.27 4	P	Pb 00 17 05.6 +1.7
OUZ	Omahuta	8.27 4	P	Pb 00 17 05.6 +1.7
ASAR	Alice Springs	8.55 289	P	Pb 00 22 18.7 +0.2
ASAR	0.3nm,0.8s,baz=130,slow=7.3,SNR=2.3			
WRA	Warramunga Arr	39.79 294	P	00 23 37.5 +0.1
WRA	0.3nm,0.6s,baz=134,slow=8.0,SNR=9.6			
QSPA	South Pole Qui	46.65 180	P	00 23 35.3 +2.9
QSPA	1.0nm,0.7s,baz=50,slow=6.6,SNR=6.6			
ARCES	ARCES Array B 149.02.38	PKPbc	PKPbc	00 34 51.0 -0.1
ARCES	1.3nm,0.9s,baz=29,slow=2.8,SNR=4.4			

LSP		Sg	00 22 26.0 +1.3
AOPR	Arecibo Observ	1.57 132j	Pb 00 22 05.2 +0.1
AOPR	Arecibo Observ	1.57 132j	eS 00 22 25.9 +1.2
AOPR	Arecibo Observ	1.57 132	Pn 00 22 04.5 -0.5
AOPR			Pb 00 22 19.7 -3.7
AOPR	comp=N,42nm,0.5s	IAML	00 22 43.1
AOPR	Arecibo Observ	1.57 132j	eP 00 22 04.1 +0.6
AOPR			Pb 00 22 24.9 +1.4
AOPR			Pb 00 22 43.0
CRPR	Cabo Rojo, PR	1.62 149j	eP 00 22 07.4 -0.3
CRPR	Cabo Rojo, PR	1.62 149j	eS 00 22 28.6 -0.2
CRPR	Cabo Rojo, PR	1.62 149	Pn 00 22 07.1 -0.5
CRPR			Pb 00 22 21.7 -2.8
CRPR			Pb 00 22 33.5
CRPR	comp=N,27nm,0.6s	IAML	00 22 06.2 +0.4
CRPR	Cabo Rojo, PR	1.62 149	eP 00 22 27.8 +1.9
CRPR			Pb 00 22 33.4
UUPR	Utuaado, UPR, P	1.66 133j	eP 00 22 06.1 -0.4
UUPR	Utuaado, UPR, P	1.66 133j	eS 00 22 28.1 +0.9
UUPR	Utuaado, UPR, P	1.66 133	Pn 00 22 05.8 -0.7
UUPR			Pb 00 22 25.6 +0.1
MLPR	Magueyes Islan	1.69 148j	eP 00 22 07.0 +0.9
MLPR	Magueyes Islan	1.69 148	eS 00 22 27.1 +0.6
MLPR	Magueyes Islan	1.69 148	Pn 00 22 05.9 +0.9
MLPR			Pb 00 22 23.1 -3.0
MLPR	comp=E,40nm,0.6s	IAML	00 22 34.3
MLPR	Magueyes Islan	1.69 148	eP 00 22 07.6 +0.7
MLPR			Pb 00 22 28.9 +1.1
MLPR			Pb 00 22 39.1
GBPR	Guantica, Bosqu	1.77 143j	eP 00 22 11.1 +0.6
GBPR	Guantica, Bosqu	1.77 143	eS 00 22 33.1 -0.4
GBPR	Guantica, Bosqu	1.77 143	Pn 00 22 11.1 +0.6
GBPR			Pb 00 22 33.1 -0.4
CELP	Cerrillos	1.88 134j	eP 00 22 03.9 -0.6
CELP	Cerrillos	1.88 134	eS 00 22 34.4 +0.9
CELP	Cerrillos	1.88 134	Pn 00 22 01.1 -0.9
CELP			Pb 00 22 30.1 -0.8
CELP	comp=N,28nm,0.4s	IAML	00 22 36.1
CELP	comp=E,26nm,0.4s	IAML	00 22 38.7
CELP	Cerrillos	1.88 134	IAML 00 22 40.2
OBIP	Obispado Ponce	1.89 136	Pn 00 22 08.2 +0.4
OBIP			Pb 00 22 35.4
OBIP	comp=E,28nm,0.5s	IAML	00 22 40.6
GOCR	Guaynabo City	2.11 121	Pn 00 22 12.1 +1.2
GOCR			Pb 00 22 52.6
GOCR	comp=E,19nm,0.8s	IAML	00 22 54.0
IGPR	InterUniversit	2.29 128j	eP 00 22 18.2 +1.0
IGPR	InterUniversit	2.29 128	eS 00 22 47.4 +2.2
IGPR	InterUniversit	2.29 128	Pn 00 22 18.0 -1.2
IGPR			Pb 00 22 49.3
IGPR	comp=E,29nm,0.3s	IAML	00 22 11.6 -2.1
PDPR	Patillas Dam,	2.32 126	Pn 00 22 18.5 -0.3
HUMP	Col San Antoni	2.39 121j	eP 00 22 18.5 -0.3
HUMP	Col San Antoni	2.39 121	eS 00 22 14.3 -0.3
HUMP	Col San Antoni	2.39 121	Pn 00 22 14.3 -0.3
SDDR	Presas de Saban	3.14 263	Pn 00 22 31.3 -0.5
SDDR			Pb 00 23 15.8

SFS 12 00:21:59.5, 35.89N, 4.85W, h84km, ML2.8/12, MLV2.5/12
 CNRM 12 00:22:00.7, 35.82N, 4.89W, h58km
 INMG 12 00:22:01.2, 1.2, 35.93N, 4.84W, h76km, ML1.8, Error
 ellipse: s-maj=3.1km s-min=2.5km az=89.0
 MDD 12 00:22:01.4, 0.5, 35.90N, 4.78W, h70km, 7km, Mb2.6/6,
 Error ellipse: s-maj=4.3km s-min=3.3km az=169.0
 IGLI 12 00:22:02.0, 35.90N, 4.78W, h72km, ML1.6
 ISC 12 00:21:59.7, 1.2, 35.90N, 0.02, 4.80W, 0.03, h75km, 8km,
 n69, i945/105, 6C, Strait of Gibraltar

Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s	ISC
CEU	Ceuta	0.47 271	Pn	00 22 12.5 -0.2		
ECEU	Ceuta	0.47 270	Pn	00 22 22.0 -0.4		
ECEU	Ceuta	0.47 270	eP	00 22 13.9 +1.1		
ECEU	Ceuta	0.47 270	eS	00 22 13.9 +1.1		
ECEU				00 22 15.9		
ECEU	372nm,SNR=2.1					
EJIF	Jamaica Fronter	0.78 316	S	00 22 21.4 -1.0		
EJIF			P	00 22 18.2 +2.3		
PVLZ	Pezen de	0.83 151	Sn	00 22 31.8 +4.0		
CHEFC	Chefchaouen	0.90 210	P	00 22 16.2 -1.2		
CHEFC	Chefchaouen	0.90 210	S	00 22 27.8 -2.8		
EMAL	Malaga-Limoner	0.91 19	Pn	00 22 17.5 0.0		
EMAL			Pn	00 22 29.4 -1.2		
PALE	Palemas	0.97 134	P	00 22 18.8 +0.6		
PALE	Palemas	0.97 134	S	00 22 32.4 -0.5		
ESPR	Espera	1.29 319	S	00 22 40.2 +1.2		
RSA	Sarsar	1.31 220	P	00 22 22.9 +0.5		
RSA	Sarsar	1.31 220	S	00 22 37.6 -1.9		
EGOR	Sierra Gorda,	1.33 24	Pn	00 22 34.4 +0.6		
EGOR	Sierra Gorda,	1.33 24	P	00 22 36.7 +1.0		
EGOR			Pn	00 22 26.5 -3.7		
ELGU	Los Guajares,	1.35 44	Pn	00 22 22.2 -0.8		
ELGU			Pn	00 22 39.4 -1.2		
ELGU	Los Guajares,	1.35 44	P	00 22 22.8 -0.3		
ELGU				00 22 24.7		
ELGU	233nm,SNR=2.8					
ELGU			S	00 22 39.3 -1.2		
GOG	Mont Gurugu	1.61 114	P	00 22 27.0 +0.5		
GOG	Mont Gurugu	1.61 114	Pn	00 22 48.0 +1.4		
EBER	Berja	1.84 56	Pn	00 22 29.9 +0.5		
EBER			S	00 22 32.4 +0.3		
EBER	Berja	1.84 56	P	00 22 30.3 +0.9		
EBER			P	00 22 52.5 +0.5		
ECAB	El Cabril	2.23 347	Pn	00 22 35.4 +0.8		
ECAB			Pn	00 22 59.5 -1.8		
ECAB	El Cabril	2.23 347	P	00 22 35.5 +0.9		
ECAB				00 22 35.6		
ECAB	63nm,SNR=1.3					
EADA	Adamuz	2.27 4	S	00 23 00.5 -0.8		
EADA			Pn	00 22 36.3 +1.1		
EADA	Adamuz	2.27 4	P	00 23 02.4 -1.0		
EADA			Pn	00 22 36.7 +1.5		
EADA				00 22 37.8		

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include F17K Baldwin Pennin, G17K Kiwalik Mouna, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include Q19K Cape Douglas, IMAR Indian Mouna, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include NR1K Nori'sk, NR1K Nori'sk, etc.

GOMU	comp=Z,230nm,15.3s	LR	LR		
GOMU	comp=Z,180nm,15.1s	LR	LR		
LOGN	comp=Z,170nm,14.9s	P	P		
LOGN	Logan Glacier	42.03	43	I Amb	00 35 52.2 +1.2 00 35 53.8
YUK3	comp=Z,28nm,0.8s				
YUK3	Moose Creek	42.11	42	P	00 35 52.7 +1.1
DAWY	baz=29,SNR=15	42.20	38	I Amb	00 35 53.9
DAWY	Dawson	42.20	38	P	00 35 53.0 +0.8
E29M	baz=279,SNR=14	42.26	32	P	00 35 54.3 +1.7
QIZ	Blow River	42.26	32	P	00 35 57.6 +4.0 00 42 07.1 +0.4
QIZ	Qiongzhong	42.32	245	S S	00 42 52.4 +3.6
QIZ				S S	
QIZ	comp=Z,14nm,1.6s			pmax	pmax
QIZ	comp=Z,180nm,18.5s	LR	LR		
QIZ	comp=Z,190nm,23.6s	LR	LR		
H29M	comp=Z,220nm,18.5s				
H29M	Whitehorse	42.32	35	I Amb	00 35 55.9
H29M	Whitestone	42.32	35	P	00 35 54.9 +1.8
G29M	baz=277,SNR=18	42.37	34	P	00 35 55.5 +2.0
O28M	Pine Creek	42.37	34	P	00 35 55.4 +1.1
I29M	Mount Upton	42.43	43	P	00 35 55.5 +1.2
YUK8	baz=282,SNR=37	42.47	36	P	00 35 56.2 +1.0
YUK8	Ogilvie Camp	42.47	36	P	00 35 56.2 +1.0
PNHM	Steele Glacier	42.53	42	P	00 35 56.3 +1.3
PNHM	Pinnacle	42.54	44	P	00 35 57.2 +0.9
PZH	baz=283,SNR=11	42.63	260	S	00 42 10.3 -1.2
PZH	ParZhiHua			S	
PZH	comp=Z,20nm,0.8s			pmax	pmax
PZH	comp=Z,130nm,6.7s	LR	LR		
PZH	comp=Z,270nm,15.5s	LR	LR		
PZH	comp=Z,210nm,14.0s	LR	LR		
PZH	comp=Z,260nm,13.7s	LR	LR		
KMI	Kunming	42.83	258	I P	00 35 59.5 +1.5
KMI				pmax	pmax
KMI	comp=Z,16nm,0.8s	LR	LR		
KMI	comp=Z,460nm,15.3s	LR	LR		
KMI	comp=Z,180nm,12.3s	LR	LR		
KMI	comp=Z,220nm,14.4s	LR	LR		
BCPM	Bancas Point	42.88	44	I Amb	00 35 59.8
M29M	comp=Z,41nm,1.3s	42.90	40	I Amb	00 35 59.5 +1.6 00 36 00.6
M29M	Somme Creek	42.90	40	I Amb	00 35 59.5 +1.6 00 36 00.6
M29M	comp=Z,24nm,0.6s	42.90	40	P	00 35 59.9 +1.9
L29M	baz=281,SNR=38	42.92	39	P	00 36 00.2 +2.2
L29M	L29M	42.92	39	P	00 36 00.2 +2.2
EPYK	baz=281,SNR=88	42.96	35	P	00 35 59.8 +1.5
EPYK	Eagle Plains	42.96	35	P	00 35 59.8 +1.5
YUK4	baz=279,SNR=32	43.04	42	P	00 36 00.8 +1.6
YUK4	Talbot Arm	43.04	42	P	00 36 00.8 +1.6
K29M	Barlow Dome	43.05	38	I Amb	00 36 01.9
K29M	comp=Z,25nm,0.8s	43.05	38	P	00 36 00.8 +1.6
K29M	Barlow Dome	43.05	38	P	00 36 00.8 +1.6
PNL	baz=281,SNR=43	43.06	45	P	00 36 00.3 +1.1
PNL	Peninsula	43.06	45	P	00 36 00.3 +1.1
G30M	baz=284	43.07	34	I Amb	00 36 01.4
G30M	tAoh Zraii Nji	43.07	34	P	00 36 00.6 +1.4
G30M	comp=Z,16nm,1.1s	43.07	34	P	00 36 01.8 +2.1
F30M	Barrier River	43.14	33	P	00 36 02.7 +1.6
F30M	baz=278,SNR=20	43.14	33	P	00 36 02.7 +1.6
YUK6	Outpost Mounta	43.27	43	P	00 36 02.3 +1.3
YUK6	comp=Z,33nm,0.9s	43.27	43	P	00 36 02.3 +1.3
I30M	Mount Dempster	43.29	36	P	00 36 02.7 +1.4
I30M	baz=280,SNR=95	43.31	44	P	00 36 02.8 +1.3
O29M	Mount Kennedy	43.31	44	P	00 36 35.7 -2.1 00 45 28.2 -1.0
O29M	baz=284	43.31	291	eP	00 36 02.8 +1.3 00 36 35.7 -2.1 00 45 28.2 -1.0
WMQ	Urumqi	43.31	291	eP	00 36 02.8 +1.3 00 36 35.7 -2.1 00 45 28.2 -1.0
WMQ				sP	
WMQ				SS	
WMQ				pmax	
J30M	comp=Z,18nm,0.9s	43.43	37	P	00 36 03.4 +1.2
J30M	Hart River	43.43	37	P	00 36 03.4 +1.2
J30M	comp=Z,66nm,1.4s	43.43	37	P	00 36 03.4 +1.2
J30M	Hart River	43.43	37	P	00 36 03.4 +1.2
M30M	baz=281,SNR=24	43.63	40	I Amb	00 36 06.7
M30M	Minto, Yukon	43.63	40	P	00 36 05.8 +2.0
M30M	comp=Z,18nm,0.8s	43.63	40	P	00 36 05.8 +2.0
N30M	baz=283,SNR=26	43.75	42	P	00 36 06.2 +1.5
N30M	Aishikik Lake	43.75	42	P	00 36 06.2 +1.5
G31M	baz=284,SNR=7.7	43.84	33	I Amb	00 36 08.5
G31M	Satah River	43.84	33	P	00 36 06.3 +1.1
G31M	comp=Z,33nm,0.8s	43.84	33	P	00 36 06.3 +1.1
G31M	Satah River	43.84	33	P	00 36 06.3 +1.1
INK	baz=280,SNR=16	43.88	31	I Amb	00 36 07.8
INK	Inuvik	43.88	31	I Amb	00 36 07.8
INK	comp=Z,33nm,0.8s	43.88	31	P	00 36 06.7 +1.1
INK	Inuvik	43.88	31	P	00 36 06.7 +1.1
P29M	baz=279,SNR=24	43.88	44	P	00 36 08.1 +2.3
P29M	Windy Craggy	43.88	44	P	00 36 08.1 +2.3
F31M	baz=285,SNR=40	43.95	33	I Amb	00 36 08.3
F31M	Tsightehich	43.95	33	P	00 36 07.3 +1.2
F31M	comp=Z,34nm,0.8s	43.95	33	P	00 36 07.3 +1.2
H31M	baz=280,SNR=22	44.01	35	I Amb	00 36 09.0
H31M	Peel River	44.01	35	P	00 36 08.2 +1.4
H31M	comp=Z,30nm,0.7s	44.01	35	P	00 36 08.2 +1.4
H31M	Peel River	44.01	35	P	00 36 08.2 +1.4
P30M	baz=281,SNR=22	44.14	43	P	00 36 10.3 +2.5
P30M	Million Dollar	44.14	43	P	00 36 10.3 +2.5
N31M	baz=285,SNR=57	44.35	41	I Amb	00 36 12.8
N31M	Braeburn, Yuko	44.35	41	I Amb	00 36 12.8
N31M	comp=Z,43nm,0.8s	44.35	41	P	00 36 11.7 +2.2
N31M	Braeburn, Yuko	44.35	41	P	00 36 11.7 +2.2
O30M	baz=283,SNR=13	44.39	42	I Amb	00 36 13.5
O30M	Mendenhall	44.39	42	I Amb	00 36 13.5
O30M	comp=Z,18nm,0.9s	44.39	42	P	00 36 11.8 +2.0
O30M	Mendenhall	44.39	42	P	00 36 11.8 +2.0
PLBC	baz=285,SNR=17	44.60	44	P	00 36 13.5 +2.1
PLBC	Pleasant Camp	44.60	44	P	00 36 13.5 +2.1
M31M	baz=286,SNR=26	44.81	40	I Amb	00 36 15.9
M31M	Drury Creek, Y	44.81	40	I Amb	00 36 15.9
M31M	comp=Z,33nm,0.8s	44.81	40	P	00 36 15.1 +2.0
M31M	Drury Creek, Y	44.81	40	P	00 36 15.1 +2.0
WHY	baz=285,SNR=18	44.99	42	I Amb	00 36 17.7
WHY	Whitehorse	44.99	42	I Amb	00 36 17.7
WHY	comp=Z,25nm,1.0s	44.99	42	P	00 36 16.6 +1.9
WHY	Whitehorse	44.99	42	P	00 36 16.6 +1.9
S31K	baz=283,SNR=14	45.10	46	P	00 36 17.4 +2.0
S31K	Pelican	45.10	46	P	00 36 17.4 +2.0
SKAG	baz=288	45.11	44	P	00 36 17.5 +2.0
SKAG	Skagway	45.11	44	P	00 36 17.5 +2.0
FARO	baz=287	45.17	40	I Amb	00 36 19.3
FARO	Faro, Yukon	45.17	40	I Amb	00 36 19.3
FARO	comp=Z,33nm,0.9s	45.27	40	P	00 36 18.1 +1.0
FARO	Faro, Yukon	45.27	40	P	00 36 18.1 +1.0
MK31	baz=286,SNR=36	45.55	297	P	00 36 18.1 -1.0
MK31	Makanchi Array	45.55	297	P	00 36 18.1 -1.0
MK31	comp=Z,5.0nm,0.7s	45.55	297	P	00 36 18.0 -1.2
MK31	Makanchi Array	45.55	297	P	00 36 18.0 -1.2
MK31	comp=Z,4.2nm,0.6s, baz=76,slow=8.3,SNR=29	45.55	297	P	00 36 18.7 -0.4
MK31	Makanchi Array	45.55	297	P	00 36 18.7 -0.4
MKAR	comp=Z,2.7nm,0.6s, baz=67,slow=3.5,SNR=5.0	45.55	297	P	00 37 56.9 +0.9
MKAR	Makanchi Array	45.55	297	P	00 37 56.9 +0.9
MKAR	comp=Z,4.2nm,0.6s	45.55	297	P	00 37 56.9 +0.9
MKAR	Makanchi Array	45.55	297	P	00 37 56.9 +0.9
MKAR	comp=Z,46nm,19.1s, baz=66,slow=3.7	45.55	297	P	00 35 56.8
MKAR	Makanchi Array	45.55	297	P	00 35 56.8
N32M	Quiet Lake	45.69	41	P	00 36 21.4 +1.3

baz=287					
MAK2	Makanchi	45.74	297	P	00 36 20.3 -0.3
MAK2	Makanchi	45.74	297	P	00 36 20.3 -0.3
MAK2	comp=Z,6.0nm,0.8s			pmax	pmax
MAK2	Makanchi	45.74	297	P	00 36 22.4 +1.8
MAK2	Sitka	45.85	47	P	00 36 23.5 +2.2
P32M	Altin	45.86	44	P	00 36 22.4 +0.9
R32K	baz=289	45.87	45	P	00 36 23.5 +2.1
R32K	Eaglecrest	45.87	45	I Amb	00 36 24.6
R32K	comp=Z,22nm,0.8s				
R32K	Eaglecrest	45.87	45	P	00 36 23.6 +2.1
A36M	baz=288,SNR=9.2	45.95	26	P	00 36 22.3 +0.4
A36M	Sachs Harbour	45.95	26	P	00 36 22.8 +0.9
A36M	Sachs Harbour	45.95	26	P	00 36 22.8 +0.9
P33M	Teslin, Yukon	46.10	43	P	00 36 24.2 +0.8 00 36 26.9
P33M	comp=Z,34nm,0.9s				
P33M	Teslin, Yukon	46.10	43	P	00 36 25.4 +2.0
S32K	baz=288,SNR=22	46.10	47	P	00 36 25.3 +2.0
S32K	Killsnoo	46.10	47	P	00 36 25.3 +2.0
S32K	baz=289	46.10	47	P	00 36 22.9 -1.4 00 36 21.5 -2.8
KURK	Kurchatov	46.21	303	P	00 36 22.9 -1.4 00 36 21.5 -2.8
KURK	Kurchatov	46.21	303	eP	00 36 22.9 -1.4 00 36 21.5 -2.8
KURK	comp=Z,3.0nm,0.6s			pmax	pmax
KURK	Kurchatov Arra	46.30	303	P	00 36 23.5 -1.5
KURK	comp=Z,1.6nm,0.4s, baz=69,slow=3.4,SNR=16	46.30	303	P	00 36 23.5 -1.5
KURK	Kurchatov Arra	46.30	303	P	00 36 23.5 -1.5
KURRB	comp=Z,1.8nm,0.7s, baz=65,slow=3.1,SNR=6.4	46.30	303	P	00 37 58.4 0.0
KURRB	Kurchatov Arra	46.30	303	P	00 37 58.4 0.0
Q32M	Nakina River	46.76	44	P	00 36 30.2 +1.5
Q32M	Nakina River	46.76	44	P	00 36 30.8 +2.1
C36M	baz=289,SNR=8.7	47.00	29	P	00 36 30.8 +0.7
C36M	Pautuk	47.00	29	P	00 36 30.9 +0.8
R33M	baz=286,SNR=8.1	47.25	43	P	00 36 34.1 +1.7 00 36 35.8
R33M	Jennings River	47.25	43	P	00 36 34.1 +1.7 00 36 35.8
R33M	comp=Z,24nm,0.9s				
R33M	Jennings River	47.25	43	P	00 36 34.8 +2.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TCUT Toone Canyon, CTU Camp Tracy, GUY Greentree, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like IVI Ivgitut, BAL3X Balch, ECSD EROS Data, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like HARR Harsova, TLBR Topalu, DOPR Dopca, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like Haverah Park, Ankara, and various other locations.

Table with columns: Station, Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like Abilene, Hawke, SOKA, and various other locations.

Table with columns: Station, Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like M52A, PDG, and various other locations.

XVCM		eS	Sn	02 38 16.9 +1.2	JCT Junction City	16.52 342	Pn	02 39 16.9 +0.5	WVT Waverly	22.02 14	P	P	02 40 17.1 -1.6
ATYQ	Atoyac	6.58 293	eP	02 37 01.7 +0.1	061Z Ochopoi	16.57 46	Pn	02 39 15.9 -1.2	OK038 West end E0370	22.04 350	I	I	02 40 22.3
TGUH	Teugicgalpa,Un	6.64 95	Pn	02 37 02.4 -0.1	SAND Sanderson	16.85 335	Pn	02 39 20.6 0.0	comp=Z,58nm,0.9s				
CNCY	Coyoacan	6.66 314	eP	02 37 03.5 +3.4	NATX Nacodoches	16.95 358	Pn	02 39 21.6 -0.1	BLOK Blackwell	22.10 353	I	I	02 40 22.3
CNCY			Sn	02 38 13.7 -4.1	TXAR Lajitas Arroy	17.00 330	Pn	02 39 23.3 +0.8	comp=Z,52nm,1.0s				
MAVM	Malinalco, Edo	6.66 310	eS	02 37 59.7 -1.8	TXAR Lajitas Arroy	17.00 330	P	02 39 24.1 +1.5	PARMO Parma	22.17 9	I	I	02 40 22.1
MAVM			Sn	02 37 05.1 +2.0	comp=Z,0.2nm,0.3s,baz=154,slow=12,SNR=48				comp=Z,31nm,0.8s				
UNM	Universidad Na	6.67 314	Pn	02 37 05.9 +2.9	TXAR			02 46 09.2	CSU Charleston Sou	22.18 33	P	P	02 40 18.1 -2.4
PBVM	Pinon	6.68 315	eP	02 37 06.2 +2.7	BRDY Brady	17.07 346	Pn	02 39 23.8 +0.5	PBMO Poplar Bluff	22.18 8	I	I	02 40 22.3
PBVM			Pn	02 37 05.2 +2.7	0436 Big Creek Wild	17.10 14	Pn	02 39 21.9 -1.7	T354 Sooner Cluff	22.19 355	I	I	02 40 20.5
BJVM	Benito Juarez	6.70 314	eP	02 37 08.0 +3.0	LMGC Mercedes	17.13 70	Pn	02 39 26.6 +1.1	comp=Z,22nm,0.7s				
VTVM	Tizayuca	6.71 319	eP	02 37 22.5 +3.4	LMGC			02 39 39.5	T424 Van Buren	22.35 6	P	P	02 40 20.9 -1.3
VTVM			Sn	02 37 04.5 +0.8	OZNA Ozona	17.35 339	I	02 39 27.2 +0.4	T42A				
VTVM			Pn	02 37 07.4 +3.7	comp=Z,37nm,1.0s				comp=Z,116nm,1.8s				
VTVM			Pn	02 37 05.2 +2.7	OZNA			02 39 29.6	CLTN Cedars of Lebanon	22.36 17	I	I	02 40 24.1
VTVM			Sn	02 38 25.9 +3.4	comp=Z,80nm,1.1s				MGMO Mountain Grove	22.38 4	I	I	02 40 24.1
AOVM	Tlapan	6.73 313	Sn	02 37 06.0 +1.9	SRBS Sierra La Lagu	17.40 303	I	02 39 29.4 +0.8	comp=Z,36nm,0.8s				
AOVM			Pn	02 38 20.2 +0.3	BRAL Brewster	17.47 20	I	02 39 30.5	DUN6 Lazy B Ranch	22.38 325	I	I	02 40 26.7
AOVM	Tlapan	6.73 313	Sn	02 37 06.0 +1.9	CHIV Chivirico	17.65 70	Pn	02 39 28.3 -2.2	KAN14 Manchester OK	22.39 352	I	I	02 40 24.2
AOVM			Pn	02 38 20.2 +0.3	CHIV			02 39 32.6	KAN05 Caldwell North	22.52 353	P	P	02 40 21.9 -2.2
MHVM	Bosque de Chap	6.75 314	eP	02 37 08.2 +2.5	060A DWPW	17.70 44	Pn	02 39 29.7 -1.4	KAN09				
ARIG	Puente Sto Nin	6.96 301	Sn	02 37 08.8 +1.9	DWPF	17.75 39	I	02 39 29.5 -2.1	comp=Z,58nm,0.9s				
ARIG			Sn	02 37 08.8 +1.9	553A Crawfordville	17.76 28	I	02 39 34.0	BG3 Lake Joacosse	22.52 24	I	I	02 40 25.9
ARIG			Pn	02 38 22.3 -2.5	comp=Z,44nm,0.9s				comp=Z,33nm,0.8s				
TEJU	Tejupilco	7.14 306	eP	02 37 11.8 +2.0	FW13 Cleburne	17.79 351	Pn	02 39 30.9 -1.3	KAN01 Argonia South	22.56 352	I	I	02 40 25.5
DEIG	Demacu	7.27 320	eS	02 37 13.3 +2.0	FW14 Alvarado	17.80 351	Pn	02 39 31.6 +0.8	comp=Z,44nm,0.8s				
DHIG	Demacu	7.27 320	Sn	02 37 13.3 +2.0	ALPN Alpine	17.87 332	Pn	02 39 34.1 +0.8	KAN12 Harper Ne Stat	22.73 352	P	P	02 40 24.9 -1.8
DHIG			Pn	02 37 16.6 +0.4	LPIG La Paz	17.89 304	P	02 39 37.4 +3.5	TKL Tuckaleehee C	22.79 22	LR	LR	02 52 00.8
CNGA	AI SSO del Vol	7.52 106	I	02 37 23.1	LPIG	comp=Z,12nm,0.3s,baz=163,slow=19,SNR=5.8			GRTK Grand Truck	22.81 69	P	P	02 40 25.9 -1.3
CNGA	comp=Z,76nm,1.0s		IvMB_BB	02 37 23.1	comp=Z,349nm,18.2s,baz=94,slow=38				GRTK				
CNGA	comp=Z,1um,1.0s				TREL	18.00 355	Pn	02 39 33.6 -1.1	Y57A Sumter	22.84 30	I	I	02 40 28.3
CNGN	Cerro Negro	7.52 106	Pn	02 37 13.0 -1.6	656A Willston	18.05 34	I	02 39 36.1	S39A Bolivar	22.86 2	P	P	02 40 26.6 -1.0
CNGN	Cerro Negro	7.52 106	I	02 37 13.8 -1.0	FW07 Weatherford	18.19 350	P	02 39 36.0 -1.1	U49A Red Boiling Sp	22.91 17	I	I	02 40 27.7
CNGN			IvMB_BB	02 37 46.7	comp=Z,64nm,1.1s				RTBA Rita Blanca	22.95 342	I	I	02 40 50.5
CNGN	comp=Z,100nm,1.0s				FW07			02 39 40.5	LAPR La Primavera	22.95 316	eP	P	02 40 39.9 +1.1
CNGN	comp=Z,3um,1.0s		IAML	02 39 05.6	SGCV Sterling City	18.26 341	P	02 39 38.3 +0.3	ANMO Albuquerque	22.99 333	LR	LR	02 40 29.0 -0.3
CNGN	comp=Z,180nm,1.0s				RCC Rio Carpintero	18.31 71	P	02 39 35.3 -3.2	ANMO Albuquerque	comp=Z,249nm,18.7s,baz=208,slow=44			
CNGN	Cerro Negro	7.52 106	eP	02 37 13.5 -1.0	146A Union	18.39 14	I	02 39 39.6	T474 Sharon Grove	23.01 14	P	P	02 40 25.5 -3.7
ACIG	Acambay	7.60 314	Pn	02 37 18.8 +3.1	PLPT Palo Pinto	18.39 349	P	02 39 41.5	Y58A Scranon	23.11 32	I	I	02 40 45.3
ACIG	Acambay	7.60 314	eP	02 37 18.8 +3.1	Z38A Mt. Pleasant	18.45 358	I	02 39 49.0	TUC Tucson	23.18 322	P	P	02 40 32.1 +1.1
ZIG	Zihuatajejo	7.64 293	Sn	02 37 17.1 +0.9	Z21A Ricland Creek	18.47 3	P	02 39 38.9 -1.2	TUC Tucson	23.18 322	eP	P	02 40 33.0 +1.9
ZIG			Sn	02 38 49.1 +7.6	250A Grady	18.58 21	I	02 39 43.0	S44A Carbondale	23.26 10	I	I	02 40 30.5 -1.1
ZIG	Zihuatajejo	7.64 293	eP	02 37 17.1 +0.9	352A Blakely	18.65 25	I	02 39 42.0	SIUC Southern Illin	23.28 10	I	I	02 40 34.4
ZIG			eS	02 37 17.6 +0.3	comp=Z,202nm,2.0s				BIRD Birdtown, Kern	23.31 29	I	I	02 40 46.0
COPN	Copaltepe	7.72 108	I	02 37 29.6	Z35A Percheven, Sn	18.73 352	I	02 39 52.0	KMSC Kings Mountain	23.33 27	P	P	02 40 30.7 -1.6
COPN	comp=Z,140nm,0.9s		IAML	02 37 30.7	PECS Pecos	18.82 333	P	02 39 45.5 +0.7	KMSC	comp=Z,24nm,1.1s			
COPN	comp=Z,150nm,1.0s		IvMB_BB	02 37 30.7	GTBY Guantamano Bay	18.83 71	P	02 39 44.5 +0.3	R40A Maddies Statio	23.51 4	P	P	02 40 32.2 -1.8
TEIG	Tejich	7.77 45	P	02 37 16.8 -1.2	ODSA Odessa	18.94 337	Pn	02 39 47.7 +1.4	TZTN Tazewell	23.66 22	I	I	02 40 36.1
TEIG	comp=Z,50nm,0.3s,baz=252,slow=9,SNR=238			02 38 43.5 -1.3	ODSA			02 39 50.7	T50A Nancy	23.66 19	I	I	02 40 34.6
TEIG	comp=Z,81nm,0.4s,baz=254,slow=19,SNR=1.5		LR	02 40 58.1	Z47A Carroll	19.17 16	I	02 39 49.9	SDV Santo Domingo	23.67 102	P	P	02 40 33.3 -2.8
CTUV	Llano Grande	7.83 329	eP	02 37 18.6 -0.1	TIGA Tifton	19.20 28	P	02 39 46.6 -1.5	SDV Santo Domingo	23.67 102	eP	P	02 40 33.9 -2.2
CTUV			Pn	02 38 42.8 -3.3	CCAR	comp=Z,51nm,0.9s			R32A Long Quarter,	23.94 351	P	P	02 40 36.6 -1.6
MOIG	Morelia	8.37 307	eS	02 37 29.7 +3.2	APMT Aspermont	19.29 345	P	02 39 49.3 +0.1	W57A Gilgale	23.95 29	I	I	02 40 52.4
MOIG			Sn	02 38 52.1 -7.8	WTF5 Witchita Falls	19.35 349	I	02 39 48.5 -1.3	V55A Taylorsville	23.98 26	I	I	02 40 39.1
JRQG	Juriquilla Cam	8.47 315	Pn	02 37 30.4 +2.6	Y45A Yeager Farm, C	19.48 11	I	02 40 00.5	U54A Nelsons Funy	24.30 25	I	I	02 41 05.5
JRQG	Juriquilla Cam	8.47 315	eP	02 37 30.8 +3.0	MASC Masc	19.69 71	eP	02 39 51.6 -2.1	KSU1 Kansas State U	24.36 355	P	P	02 40 40.7 -1.4
JRQG			Sn	02 38 58.1 -4.3	MASC			02 39 57.5	WCI Wyandotte Cave	24.39 15	I	I	02 40 40.1 -2.2
BOAB	BOACO BROADBAN	9.04 323	Pn	02 37 27.7 +0.3	MIAR Mount Ida	19.72 1	P	02 39 52.4 -1.4	OLIL Olney	comp=Z,39nm,0.9s			
RPIG	Rio Verde	9.04 323	eP	02 37 17.3 +0.9	MIAR			02 40 00.1	Q44A Meyer Farm, Va	24.48 10	I	I	02 40 42.6
RPIG	Rio Verde	9.04 323	eS	02 39 25.1 +8.9	152A Waverly Hall	19.78 24	P	02 39 53.0 -1.5	S51A Beattyville	24.63 20	I	I	02 40 44.6
RPIG			Pn	02 37 36.6 +0.3	DKNS Dickel Hall	19.83 343	I	02 39 60.0	R40A Shelbyville	24.75 17	I	I	02 40 45.3
ACON	Acopya	9.10 107	Pn	02 37 22.6 +1.2	UJALR University of	20.01 4	P	02 39 55.6 -1.3	P40A Paris	24.76 4	P	P	02 40 44.0 -1.6
MMIG	Aquila	9.55 293	eP	02 39 22.6 +1.2	UJALR			02 40 02.9	U56A King	24.76 27	I	I	02 40 46.1
MMIG	Aquila	9.55 293	eS	02 37 43.6 +1.2	X34A Smith Ranch, M	20.06 351	I	02 40 12.3	V58A Windy Hill, P	24.89 30	I	I	02 40 47.4
MMIG			Pn	02 39 22.4 -6.1	OXF Oxford	20.13 11	P	02 39 56.6 -1.7	R50A Paris	24.98 18	I	I	02 40 47.8
CUI	Cuipilapa	9.61 114	eP	02 37 44.7 +1.5	OXF			02 40 06.0	P43A Skaggs, Pawnee	25.12 8	I	I	02 40 48.5
JTS	Las Juntas de	9.96 115	Pn	02 37 50.4 +2.2	GUYB Guaymas	20.36 313	eP	02 40 03.0 -0.1	BLA Blacksburg	25.47 26	I	I	02 41 22.6
JTS	Las Juntas de	9.96 115	P	02 37 50.2 +2.2	WHAR Woolly Hollow	20.52 4	P	02 40 00.0 -2.2	S22A 4UR Ranch, Cre	25.55 336	P	P	02 40 53.7 +0.6
JTS	comp=Z,1nm,0.3s,baz=281,slow=23,SNR=8.7		S	02 39 42.0 +3.5	WHAR			02 40 07.6	MVCO Mesa Verde	25.79 333	P	P	02 40 56.8 +1.5
JTS	comp=Z,4.6nm,0.4s,baz=309,slow=24,SNR=1.6				X48A Hartselle	20.63 17	P	02 40 01.6 -2.1	MVCO	comp=Z,21nm,1.1s			
JTS	comp=Z,5.2nm,0.3s		Pn	02 37 50.2 +2.2	MSTX Muleshoe	20.69 339	P	02 40 05.5 +1.0	WUAZ Wupatki	25.86 326	I	I	02 41 13.2
COIG	Colima	10.19 297	eP	02 37 54.0 +2.8	MSTX			02 40 10.8	P49A Miami Univ. Ec	26.03 17	P	P	02 40 56.4
COIG			eS	02 39 43.1 -1.3	GOGA Godfrey	20.93 26	I	02 40 09.7	P49A Miami Univ. Ec	comp=Z,24nm,0.9s			
JUBC	Volcan de Coli	10.23 299	eP	02 37 55.6 +3.7	SMWD Samnorwood	21.02 346	P	02 40 08.4 +0.4	HDIL Hopedale	26.05 8	I	I	02 40 57.2
JUBC			Sn	02 39 53.0 +7.4	SMWD			02 40 15.0	N35A Tabor	26.06 357	P	P	02 40 57.1 -0.3
EBZV			Sn	02 37 55.0 +3.8	Y52A Lilburn	21.09 24	I	02 40 22.4	BAUV El Baul	26.12 100	I	I	02 41 00.0
EZSV	Volcan de Coli	10.25 299	eS	02 39 51.0 +5.1	HSIG HSiG	21.09 315	P	02 40 09.8 +1.0	MLPR Magueyes Islan	26.14 79	I	I	02 40 59.0
EZSV			Sn	02 37 56.0 +3.8	DEOK Depew	21.12 355	P	02 40 16.3	SFIN Lafayette	26.26 12	I	I	02 40 58.4
MNGA	Volcan de Coli	10.26 299	eP	02 39 47.0 +0.9	DEOK			02 40 12.1	Q52A Bidwell	26.28 21	I	I	02 41 01.2
MNGA			Sn	02 37 56.4 +3.9	TUL3 Leonard	21.13 356	P	02 40 08.4 -0.7	ESJX Sierra Juarez	26.33 314	P	P	02 41 02.0 +1.8
INCO	Volcan de Coli	10.26 299	eP	02 39 41.3 -5.4	OTAV Otavalo	21.14 132	eP	02 40 13.4	UUPR Utuado, UPR, P	26.46 79	I	I	02 41 14.4
SOMAC	Volcano de Col	10.29 299	eP	02 37 56.5 +3.7	OTAV Otavalo	21.14 132	eP	02 40 10.9 +1.0	P51A Williamsport	26.48 19	I	I	02 41 00.2
SOMAC			Pn	02 39 51.0 +3.9	FPAL Fort Payne	21.14 20	I	02 40 10.2	R55A Williamsport	comp=Z,14nm,0.7s			
CDAR	Ciudad de Arme	10.38 295	eP	02 37 55.4 +1.7	AMTX Amarillo	21.19 343	I	02 40 26.0	S57A Dark Hollow, R	26.56 28	I	I	02 41 02.3
CEGR	Campo Tres	10.42 298	eS	02 39 46.4 -2.4	PAPH Port-au-Prince	21.21 77	P	02 40 09.0 -1.1	CELP Cerillos	26.58 79</			

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like ECSD, I37A, I40A, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like TAOE, ARAC, SMTB, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like SCM, H27K, I26K, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like G23K Bananza Creek, PPT2 Papeete2, D25K Kavik River, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MORF Marleete, PVIS Viseu, PMTG Montargil, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KHC Kasperske Hory, LESA Schwarzl, GEC2 GERESS Array S, etc.

Special notice for station IDC 12 02:57:09.5-1, 8, 24:855-175.60W, h0km, mb4.1/4, mbtm4.1/5, ML5.3/1, M53.8, Error ellipse: s-maj=63.1km s-min=34.6km az=157.0, South of Tonga Islands.

Special notice for station NOU 12 03:14:16.4, 17.78S-169.25E, h144km, MLV4.0/7, Vanuatu Islands, Vanuatu Islands.

Special notice for station IDC 12 03:47:19.0-0.7, 20:96S-67:25W, h179km, 9km, mb3.0/4, mbtm3.7/10, Error ellipse: s-maj=16.0km s-min=9.6km az=112.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AOEAE Aquile, SOTI Placeta Incahua, BBOE La Paz, Chanca, etc.

NEIC 12 04:17:59.9, 1.1, 18.82N, 0.04, 64.87W, 0.03, h10km, 1km, mb4.4/39, ML4.5/48, MD3.8/25(RSPR), Error ellipse: s-maj=7.3km s-min=4.5km az=340.0

IDC 12 04:18:01.2, 3.6, 18.88N, 64.77W, h38km, 35km, mb3.7/14, mbtmp4.0/18, ML3.8/4, MS3.2/4, Error ellipse: s-maj=23.6km s-min=14.5km az=31.0

RSPR 12 04:18:03.6, 18.84N, 64.85W, h19km, 3km, MD3.8/25, ISC 12 04:17:59.9, 1.1, 18.81N, 0.04, 64.85W, 0.02, h32km, 2km, mb196.28/18/225, mb4.2/30, 6C-14D, Virgin Islands

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Col San Antonio, Guaynabo City, Patillas Dam, etc.

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, Saint Kitts, Isla Desecheo, etc.

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Pauline, Tulcing-Chalpat, T57A, etc.

IDC 12 04:41:04.5, 2.2, 16.72S, 172.10W, h0km, mb3.6/6, mbtmp3.6/6, MS3.6/4, Error ellipse: s-maj=139.7km s-min=24.1km az=151.0, Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, DZM Mont Dzumac, PPT Papeete, etc.

12d 4h

Table with columns for station name, frequency, power, and signal strength. Includes stations like VORD Divnogorie, M5EY Mahe Island, VORR Voronezh, etc.

2018 SEP

Table with columns for station name, frequency, power, and signal strength. Includes stations like GAZI Gazipasa, KIZIT Kizilcal, KIZIT Fak Fak, etc.

806

Table with columns for station name, frequency, power, and signal strength. Includes stations like COVR Voineasa-Covas, ERIK Eriki-Kesan, TURR Turia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBB Bella Bella, MSV Nonsavu, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VLAKA Lakatoro, DVP Devils Point, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGLO Peran, IPRN Damavand, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WAT6 Susitna Watana, M23K Glacier View, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHUM Lake Minchum, SCM Sheep Creek Mt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TAP 12 05:12:26.9, JMA 12 05:12:27.4, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like YMO1, NNSB, YHNB, HATJ, etc.

UUS5 12 05:34:26.6 1.2, 38.77N, 01:12.73W, 0.02, h=0km, 1km, ML3, 8/29, ML3, 9/146(NEIC), Error ellipse: s-maj=2.2km s-min=1.6km az=86.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NMUT, TCRU, IMU, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NLU, TMUT, CCUT, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MFID, PFO, ANMO, etc.

12d 5h

Table with columns: Code, Station Name, Time, Res, and various data points for stations like Paso Flores, Valinhos, IPMB, SDBS, BDFB, etc.

SOME 12 05:35:05.5, 45.83N, 84.77E, h5km
ASRS 12 05:35:12.3, 0.7, 46.1N, 84.5E, h5km, MLh3.4/6, Error ellipse: s-maj=12.7km, s-min=5.9km, az=123.0, confirmed

ISC 12 05:35:12.8, 1.2, 46.22N, 0.06, 84.86E, 0.06, h10km, n15, az=292/30, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Time, Res, and various data points for stations like ZSN, ZSN, MAZK, DCZ, DGZ, etc.

NEIC 12 05:39:39.0, 1.4, 24.10S, 0.06, 175.37W, 0.09, h10km, 1km, mb4.7/20, Error ellipse: s-maj=15.8km, s-min=6.4km

IDC 12 05:39:40.0, 0.6, 24.30S, 175.75W, h0km, mb4.4/16, mbmp4.5/18, ML4.5/2, MS3.9/5, Error ellipse: s-maj=22.3km, s-min=17.8km, az=99.0

ISC 12 05:39:39.3, 0.4, 24.18S, 0.06, 175.36W, 0.07, h10km, n65, az=233/60, mb4.5/26, MS3.9/6, SC, South of Tonga Islands

Table with columns: Code, Station Name, Time, Res, and various data points for stations like RAO, NIUE, MSFV, AFI, RAR, URZ, etc.

2018 SEP

Table with columns: Code, Station Name, Time, Res, and various data points for stations like SBA, FITZ, MORW, CASY, KAPI, etc.

IDC 12 05:49:13.7, 1.1, 7.80N, 75.23W, h0km, mb3.4/4, mbmp3.5/5, ML3.1/1, Error ellipse: s-maj=50.0km, s-min=21.1km, az=62.0

RSNC 12 05:49:20.8, 0.0, 8.2N, 75.7W, h0km, 2km, M3.5, mb3.9, ML3.2

ISC 12 05:49:18.9, 1.1, 7.57N, 0.02, 75.31W, 0.02, h26km, 10km, n50, az=15/84, mb3.4/4, Northern Colombia

Table with columns: Code, Station Name, Time, Res, and various data points for stations like UREC, ZARC, ZARC, etc.

2018 SEP 812

Table with columns: Code, Station Name, Time, Res, and various data points for stations like PTGC, BCIP, BCIP, etc.

SKHL 12 05:49:54.7, 0.9, 54.80N, 142.90E, h5km, 1km, mb5.2/4, IDC 12 05:49:57.1, 0.4, 54.72N, 142.89E, h0km, mb4.1/23, mbmp4.1/31, ML3.9/8, MS3.3/7, Error ellipse: s-maj=13.1km, s-min=3.2km, az=133.0

MOS 12 05:49:57.9, 0.8, 54.61N, 142.94E, h18km, mb4.6/20, Error ellipse: s-maj=15.1km, s-min=5.7km, az=81.7

NEIC 12 05:49:59.8, 2.1, 54.68N, 0.09, 142.8E, 0.2, h10km, 1km, mb4.7/73, Error ellipse: s-maj=18.2km, s-min=14.2km, az=128.0

ISC 12 05:49:59.0, 0.3, 54.65N, 0.03, 142.90E, 0.04, h10km, n171, az=138/178, mb4.6/81, MS4.1/6, 7C-2Z, Sakhalin Island

Table with columns: Code, Station Name, Time, Res, and various data points for stations like OKH, OKH, OKH, etc.

Table with columns: YSS, Yuzh-Sakhalins, 7.70 181, ePN, Pn, 05 51 51.1, 0.0. Includes rows for YSS, KLR, ZEA, PET, SEY, YAK, ASAJ, USRK, BILL, TAXI, MJAR, KSRS, JHJ, JNU, ULN, SONM, ZAK, HHC, HNS, NJ2, H19K, XAN, F21K, GTA, YMR, YNE, IMW, WAKR, FXYW, NDNU, TPAW, KVN, SNOW, etc.

Table with columns: SML, Sawmill, 35.30 50, P, P, 05 56 54.0 +0.2. Includes rows for RIDG, WMQ, EGAK, MCARA, KURK, KURKB, KURBB, MKAR, MKAR, MKAR, MKAR, M29M, P29M, BVAR, BVAR, BRVK, BRVK, PZH, PZH, SPITS, ROOM, ARTI, AAK, AAK, AAK, ARCES, CHTO, CHTO, CHTO, CMAR, CMAR, CMAR, SUMG, SUMG, SUMG, FINES, FINES, FINES, EDM, EDM, EDM, NOA, NOA, FFC, FFC, PINE, PINE, F10A, F10A, J05D, J05D, M50, M50, OVMT, J08A, J08A, KIV, KIV, KIV, KBZ, KBZ, KBZ, SHA1, WVOR, AKASD, AKBB, AKBB, AKBB, AKBB, AKBB, RNP9P, HLID, HLID, PAHR, PAHR, YMR, YMR, YNE, IMW, IMW, WAKR, WAKR, FXYW, FXYW, NDNU, NDNU, TPAW, TPAW, KVN, KVN, SNOW, SNOW, etc.

Table with columns: ELK, Elko, 64.00 56, Iamb, P, 06 00 35.1. Includes rows for KMPD, NVAR, ULM, SPUT, PD31, PD31, PDAR, OJC, BUR08, BURAR, BURAR, GMN, JLU, BSUT, BSUT, RSSD, RSSD, RSSD, CLL, CLL, CLL, ISR, ISR, ISCH, BRTR, BRTR, BR106, BR104, BR105, BLYC, X16A, RTBA, WRA, WRA, WRA, ASAR, TX31, TX31, TXAR, ESDC, TORD, QSPA, CPUP, ELIB, PLCA, PLCA, SNA4, IDC 12:05:59:15.4:3.0, 54:12N:86.44E, h0km, mbtmp3.0/2, ML2.5/2, Error ellipse: s-maj=23.4km s-min=14.4km az=58.0, Southwestern Siberia, IDC 12:06:00:30.2:3.5, 54:36N:87.08E, h0km, mbtmp3.3/2, ML2.5/2, 3C-1D, Error ellipse: s-maj=31.1km s-min=19.5km az=55.0, Southwestern Siberia, IDC 12:06:18:18.3:4.1, 15:63S:-174:07W, h0km, mb3.9/4, mbtmp3.9/4, Error ellipse: s-maj=113.6km s-min=51.2km az=23.0, Tonga Islands, etc.

CHOS	Chios island	4.62 300	P	Pn	06 22 56.1 +0.8	KRMI	Paran Flat	6.73 152	S	Sn	06 24 37.6 -2.0	FEO	comp=N,41nm,0.4s	Sm	06 25 49.8		
CHOS	comp=Z,4um,0.7s		S	Sn	06 23 47.9 +0.2	LOUT	Loutlaki	6.77 288	P	Pn	06 23 26.1 +1.4	FEO	comp=E,10.0nm,0.3s	Sm	06 25 49.8		
CHOS	Chios island	4.62 300	P	Pn	06 22 56.0 +0.8	LOUT	Loutlaki	6.77 288	P	Pn	06 23 26.1 +1.4	ANN	comp=N,1.1um,8.0s	MLR	MLR		
CHOS	Columbo, Santo	4.63 276	P	Pn	06 22 55.0 +0.2	LOUT	Loutlaki	6.77 288	P	Pn	06 23 26.1 +1.4	ANN	comp=E,2um,10.0s	MLR	MLR		
CWBO	Columbo, Santo	4.63 276	P	Pn	06 22 55.0 +0.2	LOUT	Loutlaki	6.77 288	P	Pn	06 23 26.1 +1.4	ANN	comp=N,1.1um,8.0s	MLR	MLR		
THR3	Thira Island	4.63 275	P	Pn	06 22 55.3 +0.1	HRFI	Mout Harif	6.93 151	S	Sn	06 23 23.2 -1.5	SOC	comp=Z,253nm,1.0s	MLR	MLR		
THR3	Thira Island	4.63 275	P	Pn	06 22 55.5 +0.1	HRFI	Mout Harif	6.93 151	S	Sn	06 23 23.2 -1.5	SOC	comp=Z,253nm,1.0s	MLR	MLR		
YOZG	Bozok Univ. Me	4.63 38	P	Pn	06 22 55.3 +0.2	OUR	Ouranopolis	7.00 309	P	Pn	06 23 30.4 +2.6	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
THR6	Thira Island	4.64 274	P	Pn	06 22 55.7 +0.3	HANJ	Maan	7.01 316	P	Pn	06 23 30.4 +2.6	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
SN75	Nea Kammeni, S	4.64 275	P	Pn	06 22 55.7 +0.3	KAVA	Kavala	7.09 145	P	Pn	06 23 27.9 +0.9	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
EAG3	Mitilini, Lesv	4.65 310	P	Pn	06 22 56.3 +0.7	HRFI	Mit Berech	7.09 145	P	Pn	06 23 27.9 +0.9	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
EAG2	Marmaro, Chios	4.66 302	P	Pn	06 22 56.3 +0.7	AQBB	Agaba	7.21 152	P	Pn	06 23 29.9 -0.8	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
THR9	Santorini-Faro	4.67 274	P	Pn	06 22 56.1 +0.2	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
THR5	Thira Island	4.68 275	P	Pn	06 22 56.1 0.0	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
SAP3	Santorini-Thir	4.68 275	P	Pn	06 22 56.2 +0.1	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
MM40B	Mount Meron ar	4.71 130	P	Pn	06 22 55.8 +0.5	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
MM41	Mount Meron Ar	4.71 130	P	Pn	06 22 57.4 +0.8	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
MMAI	comp=Z,232nm,0.3s,baz=307,slow=12,SNR=181		S	Sn	06 23 51.5 +1.5	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
SUNG	comp=Z,934nm,0.6s,baz=308,slow=28,SNR=13		S	Sn	06 22 56.9 +0.3	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
SHBL	Chebaa	4.72 125	eP	Pn	06 22 57.8 +1.1	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
FKH	Fakehek	4.72 112	eP	Pn	06 22 57.1 +0.3	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
GEM	Giv'at Ha'Em	4.75 127	P	Pn	06 22 56.1 -1.0	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
GEM	Giv'at Ha'Em	4.75 127	P	Pn	06 23 51.8 +2.0	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
OFRI	Ofer	4.75 137	P	Pn	06 22 55.1 -2.0	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
NATI	Neve Ativ	4.75 126	P	Pn	06 22 56.8 +0.5	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
BLGI	Bet Lehem HaGe	4.79 134	P	Pn	06 22 56.2 -1.3	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
DERS	Karak-Eskip	4.82 13	P	Pn	06 22 57.8 -0.2	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
PRK	Paraskevi	4.94 310	P	Pn	06 23 00.7 +1.2	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
PRK	Paraskevi	4.94 310	P	Pn	06 23 00.7 +1.2	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
TNSA	Tinos	4.98 272	P	Pn	06 23 00.2 +0.1	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
GAZ	Gaziantep	4.99 76	Pn	Pn	06 23 01.5 +1.5	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
GAZ	Gaziantep	4.99 76	Pn	Pn	06 23 02.0 +1.6	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
GAZ	Gaziantep	4.99 76	Pn	Pn	06 23 59.0 +2.1	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
GAZ	Gaziantep	4.99 76	Pn	Pn	06 23 01.6 +1.2	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
KSHT	Keshet	5.09 128	P	Pn	06 23 00.3 -0.1	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
IACM	Heraklion	5.00 262	S	Sn	06 23 04.2 -2.2	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
IACM	Heraklion	5.00 262	S	Sn	06 23 54.1 -2.8	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
IACM	Heraklion	5.00 262	P	Pn	06 23 00.3 -0.2	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
KSTL	Kastelli Herak	5.00 262	S	Sn	06 22 58.4 -2.0	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
KSTL	Kastelli Herak	5.00 262	S	Sn	06 23 50.0 -7.0	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
KSTL	Kastelli Herak	5.00 262	P	Pn	06 22 57.5 -3.0	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
SLTI	Saifit	5.07 139	P	Pn	06 22 59.7 -1.8	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
SLTI	Saifit	5.07 139	P	Pn	06 23 56.8 -1.9	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
SHMU	Saham	5.19 160	P	Pn	06 23 02.6 +0.3	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
MMLI	Mount Malkishu	5.13 135	P	Pn	06 23 00.5 -1.4	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
IDI	Anoyia	5.15 262	P	Pn	06 23 02.1 -0.5	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
IDI	Anoyia	5.15 262	P	Pn	06 23 01.6 -1.0	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
IDI	Anoyia	5.15 262	S	Sn	06 23 58.9 -1.8	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
IDI	Anoyia	5.15 262	S	Sn	06 23 57.8 -2.9	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
IDI	Anoyia	5.15 262	P	Pn	06 23 01.5 -1.0	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
IDI	Anoyia	5.15 262	P	Pn	06 23 01.8 -0.8	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
IDI	comp=Z,803nm,0.3s,baz=123,slow=11,SNR=278		S	Sn	06 23 57.9 -2.8	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
KDZE	Karadeniz Ere	5.16 3	P	Pn	06 23 05.5 +3.0	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
ISK	Istanbul-Kandi	5.16 342	P	Pn	06 23 04.0 +1.3	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
SIGR	SIGRI	5.18 308	P	Pn	06 23 03.8 +1.0	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
SIGR	SIGRI	5.18 308	P	Pn	06 23 03.4 +0.6	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
EZN	Ezine	5.28 315	P	Pn	06 23 05.2 +1.0	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
EZN	Ezine	5.28 315	P	Pn	06 23 05.0 +0.8	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
EZN	Ezine	5.28 315	P	Pn	06 23 05.0 +0.8	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
EZN	Ezine	5.28 315	P	Pn	06 23 05.0 +0.8	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
TMBK	Timbaki Heraki	5.30 260	P	Pn	06 23 05.0 +0.5	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
QRNJ	Al-Qrejn	5.30 135	P	Pn	06 23 04.6 +0.1	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
HMDT	Hamad Hatmat	5.30 135	P	Pn	06 23 04.6 +0.5	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
KLYT	Kilyos	5.35 343	P	Pn	06 23 06.4 +1.3	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
MHLO	Agia Marina, M	5.45 278	P	Pn	06 23 07.8 +1.2	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
MHLO	Agia Marina, M	5.45 278	P	Pn	06 23 07.8 +1.2	EIL	Elat	7.22 153	P	Pn	06 23 30.7 -0.2	SOC	comp=Z,2um,19.0s	9.96 340	eP	Pn	06 24 08.6 +0.7
BAIJA	Balja	5.52 136	P	Pn	06 23 07.8 +0.1	EIL	Elat</										

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BZS, ERBR, ARCR, NCK, MARR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CONA, SAUB, MAUC, Mite Sabotino, etc.

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

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like AAA Alma-Ata, CHKK Chushkaly, TNSM Tian-Shan, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like PSMN Pico do Norte, PSMA Santa Maria, NRIK Noril'sk, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like TIXI Tiksi, TIXI Tiksi, TIXI Tiksi, etc.

Table with columns: Station Name, Frequency, SNR, and other metrics. Includes stations like HDA Harding Lake, DAWY Dawson, ERPA Erie, etc.

Table with columns: Station Name, Frequency, SNR, and other metrics. Includes stations like M23K Glacier View, GHO Glory Hole Cre, M22K Willow, etc.

Table with columns: Station Name, Frequency, SNR, and other metrics. Includes stations like O17K Koliganek Bris, O18K Koktuh Hills, O18K Koktuh Hills, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Indian Meadow, Snow King Moun, Araguaiana, MT, etc.

IDC 12 06:23:12.51.1.11.96Sx167.11E, h0km, mb4.0/6, mbmtmp4.0/6, Error ellipse: s-maj=41.6km s-min=30.0km az=116.0, Santa Cruz Islands

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

NIC 12 06:27:52.7.36.19N:31.16E, h111km, 8km, M3.5/6 ISK 12 06:27:53.9.36.12N:31.16E, h17km, ML3.3/29 AFAD 12 06:27:54.2.0.0.36.00N:30.92E, h7km, 5km, ML3.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKUM Antalya-Kumluca, ANTB Antalya, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FETY Isparta, IASL Denizli, Camel, etc.

UPA 12 06:29:49.0.1.9.12.23N:87.23W, h104km, MW5.5 UCR 12 06:29:51.9.1.0.12.20N:86.96W, h102km, 5km, MW5.7 IDC 12 06:29:52.0.1.4.12.09N:86.40W, h113km, 3km, mb4.4/22, mbtmp4.8/24, MS4.2/43, Error ellipse: s-maj=16.7km s-min=8.8km az=58.0

MOS 12 06:29:52.6.1.1.12.30N:86.68W, h124km, mb4.9/21, Error ellipse: s-maj=11.9km s-min=6.4km az=116.1

SNET 12 06:29:52.0.1.4.12.09N:86.89W, h98km, ML5.6 NEIC 12 06:29:53.5.12.19N:86.79W, h100km, Moment Tensor Solution. Duration: 2x5 Moment tensor: Scale 107Nm; Mn:0.18; Mw:0.26; Mw:0.08; Mw:0.99; Mw:0.05; Mw:0.87; Fault plane solution: M1.34000x1017 NP1: P1.30.75000; S1.36.35000; N1.96.78000; P2.0.45.90000; S2.69.0000; N2.42.0000; Principal axes: T 1.3538, Plg48.0000; Azm48.0000; N -0.0198, Plg7.0000; Azm310.0000; P -1.3339, Plg41.0000; Azm214.0000;

NEIC 12 06:29:53.12.2.12.19N:86.78W, h103km, 1km, mb5.3/541, Mw5.5/18, Mw5.5/27, Mw5.5/45, Error ellipse: s-maj=12.4km s-min=8.8km az=48.0, Moment Tensor Solution. Moment tensor: Scale 107Nm; Mn:-0.58; Mw:0.21; Mw:0.79; Mw:1.81; Mw:0.21; Mw:1.60; Fault plane solution: M2.52000x1017 NP1: P1.196.17000; S1.3.40000; N1.28.09000; NP2: P1.313.61000; S1.63.73000; N1.101.87000; Principal axes: T 2.4641, Plg38.0000; Azm54.0000; N 0.132, Plg12.0000; Azm315.0000; P -2.5774, Plg50.0000; Azm21.0000; Moment Tensor Solution. Moment tensor: Scale 107 Nm; Mn:-0.69; Mw:0.21; Mw:0.48; Mw:1.67; Mw:0.13; Mw:0.99; Fault plane solution: M2.04000x1017 NP1.0.302.60000; S2.02.10000; N1.95.32000; NP2.0.156.75000; S1.9.51000; N1.56.22000; Principal axes: T 1.8785, Plg37.0000; Azm37.0000; N 0.2900, Plg5.0000; Azm303.0000; P -2.1685, Plg53.0000; Azm206.0000;

NEIC 12 06:29:53.5.12.19N:86.79W, h100km, R5NC 12 06:29:53.0.0.3.12.18N:87.70W, h111km, 4km, M5.0, mb5.4, mb5.0, ML4.8, Mw(m)4.5, Mw(Mw)5.0, Mw5.3

NEIC 12 06:29:53.3.12.19N:86.80W, h104km, CATAC 12 06:29:53.0.0.1.12.10N:86.90W, h81km, 2km, MB5.4, mb5.2, ML5.6

NEIC 12 06:29:53.3.12.19N:86.80W, h104km, GGMT 12 06:29:54.2.0.1.12.18N:0.01:86.94W, h109km, 1km, MW5.4/140, Moment Tensor Solution. s116.c212; s140.c262; Duration: 1s3 Moment tensor: Scale 107 Nm; Mn:-0.12; Mw:0.03; Mw:0.18; Mw:0.30; Mw:1.20; Mw:0.02; Mw:0.47; Mw:1.29; Mw:0.02; Best double couple: M1.80500x1017 NP1.0.315.0000; S1.85.0000; N1.97.0000; NP2.0.191.0000; S2.39.0000; N2.34.0000; Principal axes: T 2.0150, Plg39.0000; Azm52.0000; N -0.4200, Plg7.0000; Azm316.0000; P -1.5950, Plg50.0000; Azm217.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

GCG 12 06:30:40.5.0.4.14.45N:89.70W, h51km, 20km, MD4.9

ISC 12 06:29:51.8.0.2.12.16N:0.03:86.87W, h0.03, h112km, 1km, h112km; p-P, n1174, c1941/1086, mb5.2/308, 10C-3D,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COPN Copalpete, BC86 Nagarote, LEVN Ruinas Leon Vi, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOM2, APYV Apoyeque, APQZ Apoyeque, ABCN Banco Central, etc.

12d 6h

Table with columns for station name, frequency, power, and signal quality. Includes stations like YUSCARAN, BELLAMIRA, HACIENDA FLOR, etc.

2018 SEP

Table with columns for station name, frequency, power, and signal quality. Includes stations like JAYA, CEDA, SARC, UNIC, etc.

822

Table with columns for station name, frequency, power, and signal quality. Includes stations like PRVC, PETF, PTF, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like ANIL, GTBY, Santa Ana, Guanantamo Bay, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like HPIG, TXAR, Tabatinga, AM, Harrisburg, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like T25A, T25A, Standing Stone, Cholesterol, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Pinyon Flats O, Cedar City, Red Mountain, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Limon Verde, Battle Mountain, Serra de San D, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CPUP, ITRB, MT16, MT03, etc.

P29M	Windy Craggy	60.41 333	I	Amb	06 40 19.4
P29M	Windy Craggy	60.41 333	P	P	06 39 49.6 +0.3
N31M	Braeburn, Yuko	60.53 335	I	Amb	06 40 19.7
N31M	Braeburn, Yuko	60.53 335	P	P	06 39 49.1 -1.0
N30M	Aishikik Lake	61.05 335	P	P	06 39 53.5 -0.2
O29M	Mount Kennedy	61.10 333	P	P	06 39 53.7 -0.4
PNL	Peninsula	61.17 333	P	P	06 39 54.3 -0.2
YUK6	Outpost Mounta	61.32 334	P	P	06 39 55.9 +0.1
M30M	Minto, Yukon	61.51 336	I	Amb	06 40 26.3
M30M	Minto, Yukon	61.51 336	P	P	06 39 56.3 -0.4
YUK4	Talbot Arm	61.64 335	P	P	06 39 56.6 -1.2
PINM	Pinnacle	61.75 333	P	P	06 39 58.3 -0.2
O28M	Mount Upton	62.03 334	P	P	06 40 00.5 -0.1
YUK8	Steele Glacier	62.09 334	P	P	06 40 00.7 -0.2
M29M	Somme Creek	62.11 336	I	Amb	06 40 02.9
M29M	Somme Creek	62.11 336	P	P	06 40 00.4 -0.4
L29M	L29M	62.31 336	P	P	06 40 01.9 -0.2
LOGN	Logan Glacier	62.41 333	I	Amb	06 40 32.3
J30M	Hart River	62.41 338	P	P	06 40 02.2 -0.6
H31M	Peel River	62.41 340	I	Amb	06 40 03.7
H31M	Peel River	62.41 340	P	P	06 40 02.2 -0.5
K29M	Barlow Dome	62.46 337	P	P	06 40 02.4 -0.7
YAH	Yahits	62.53 333	I	Amb	06 40 05.9
MESA	MESA	62.55 332	P	P	06 40 03.2 -0.7
YUK3	Moose Creek	62.61 334	P	P	06 40 03.4 -0.9
CTG	Chitna Glacier	62.62 333	P	P	06 40 03.3 -1.0
RES	Resolute Bay	62.67 358	LR	LR	07 10 08.6
R30M	Mount Dempster	62.78 339	P	P	06 40 04.9 -0.4
ISLE	Juniper Island	62.90 333	I	Amb	06 40 35.4
SNH	Sunshine Island	62.95 332	I	Amb	06 40 36.4
J29M	Klondike Camp	63.04 338	P	P	06 40 06.7 -0.2
G31M	Satah River	63.05 341	P	P	06 40 06.5 +0.3
G31M	Satah River	63.05 341	I	Amb	06 40 07.8
G31M	Satah River	63.05 341	P	P	06 40 06.2 -0.6
TGL	Tana Glacier	63.19 333	I	Amb	06 40 37.4
F31M	Tsigheitchik	63.19 342	I	Amb	06 40 09.3
F31M	Tsigheitchik	63.19 342	P	P	06 40 06.9 -0.8
DAWY	Dawson	63.28 337	P	P	06 40 07.9 -0.6
CRQE	Cirque	63.30 333	P	P	06 40 07.9 -0.9
M27K	Edge Creek, AK	63.47 335	P	P	06 40 09.4 -0.5
EPYK	Eagle Plains	63.53 340	I	Amb	06 40 11.2
EPYK	Eagle Plains	63.53 340	P	P	06 40 09.3 -0.8
MCARA	McCarthy VSAT	63.54 333	P	P	06 40 09.5 -0.7
I29M	Ogilvie Camp	63.54 339	I	Amb	06 40 11.6
I29M	Ogilvie Camp	63.54 339	P	P	06 40 09.7 -0.5
KAIM	Kayak Island	63.57 332	P	P	06 40 09.9 -0.6
INK	Inuvik	63.65 342	I	Amb	06 40 11.7
INK	Inuvik	63.65 342	P	P	06 40 10.8 0.0
G30M	Aoh Zraii Nji	63.71 341	P	P	06 40 11.3 +0.1
L27K	Beaver Creek,	63.77 335	I	Amb	06 40 13.7
L27K	Beaver Creek,	63.77 335	P	P	06 40 11.7 0.0
RAGM	Ragged Mountai	63.87 332	I	Amb	06 40 42.7
F30M	Barrier River	63.93 341	P	P	06 40 12.3 -0.3
M26K	Nabesna, AK	63.96 335	P	P	06 40 12.4 -0.6
H29M	Whitestone	64.01 339	I	Amb	06 40 43.8
H29M	Whitestone	64.01 339	P	P	06 40 12.5 -0.7
A36M	Sachs Harbour	64.06 348	P	P	06 40 12.7 -0.7
B3RM	Bremner River	64.07 333	P	P	06 40 12.9 -0.9
I28M	Miner Creek	64.17 338	P	P	06 40 13.8 -0.6
G29M	Pine Creek	64.26 340	I	Amb	06 40 16.1
G29M	Pine Creek	64.26 340	P	P	06 40 14.3 -0.6
EGAK	Eagle	64.30 337	P	P	06 40 14.7 -0.4
EGAK	Eagle	64.30 337	P	P	06 40 14.8 -0.4
K27K	Chicken	64.30 336	P	P	06 40 15.3 +0.2
N25K	Chitina, Valde	64.32 333	P	P	06 40 15.4 0.0
L26K	Lag Cabin Wild	64.37 335	P	P	06 40 15.3 -0.3
EYAK	Cordova Strait	64.42 332	P	P	06 40 16.2 +0.3
HIN	Hinchinbrook I	64.72 332	I	Amb	06 40 47.2
FID	Port Fidalgo	64.83 332	I	Amb	06 40 48.0
KLU	Klutina	64.86 333	P	P	06 40 18.7 -0.2
I27K	Kandik River	64.86 338	P	P	06 40 19.1 +0.2
HARP	HAARP	64.87 334	P	P	06 40 18.8 -0.1
E29M	Blow River	65.03 341	I	Amb	06 40 49.3
E29M	Blow River	65.03 341	P	P	06 40 20.0 +0.2
SCRK	Sand Creek	65.04 336	I	Amb	06 40 21.4
SCRK	Sand Creek	65.04 336	P	P	06 40 20.2 +0.1
J26L	Joseph Creek	65.10 336	I	Amb	06 40 22.6
J26L	Joseph Creek	65.10 336	P	P	06 40 20.3 -0.1
H27K	Steamboat Moun	65.13 339	P	P	06 40 20.7 +0.2
GLI	Glacier Island	65.16 332	P	P	06 40 20.3 -0.5
M24K	Tolsona, Glenn	65.20 334	I	Amb	06 40 22.6
M24K	Tolsona, Glenn	65.20 334	P	P	06 40 20.9 -0.2
PAX	Paxson	65.23 335	P	P	06 40 20.2 -1.1
F28M	Old Crow	65.25 340	I	Amb	06 40 50.7
F28M	Old Crow	65.25 340	P	P	06 40 20.6 -0.6

RIDG	Independent Ri	65.28 335	I	Amb	06 40 50.9
RIDG	Independent Ri	65.28 335	P	P	06 40 20.9 -0.7
I26K	Coal Creek Min	65.30 337	I	Amb	06 40 22.7
I26K	Coal Creek Min	65.30 337	P	P	06 40 20.7 -0.8
G27K	Doyon Strip	65.45 339	P	P	06 40 22.2 -0.3
SCM	Sheep Creek Mo	65.61 333	P	P	06 40 23.2 -0.6
E28M	Babbage River	65.65 341	I	Amb	06 40 59.9
E28M	Babbage River	65.65 341	P	P	06 40 23.1 -0.7
K24K	Donnelly Dome	65.69 335	P	P	06 40 24.2 0.0
PWL	Por Wellis	65.72 332	P	P	06 40 23.8 -0.6
M23K	Glacier View	65.77 333	P	P	06 40 24.3 -0.4
D28M	Stokes Point	65.79 342	P	P	06 40 24.6 -0.1
J25K	Salcha River,	65.85 336	P	P	06 40 24.8 -0.4
SEW	Seaward	66.00 331	P	P	06 40 25.4 -0.8
SML	Sawmill	66.04 333	P	P	06 40 26.1 -0.4
WAT6	Susitna Watana	66.05 334	P	P	06 40 26.1 -0.6
DHY	Denali Highway	66.08 334	P	P	06 40 25.9 -0.9
E27K	Coleen River	66.10 341	P	P	06 40 26.7 0.0
PMOR	Pomarioir Ree	66.17 248	eT	T	07 51 39.5
O22K	Cooper Landing	66.25 331	I	Amb	06 40 37.5
O22K	Cooper Landing	66.25 331	P	P	06 40 27.1 -0.6
G26K	Porcupine Rive	66.26 339	P	P	06 40 27.3 -0.4
PRP	Porcupine Dome	66.28 337	P	P	06 40 27.4 -0.7
GHO	Glory Hole Cre	66.30 333	I	Amb	06 40 57.5
PMR	Palmer	66.33 332	P	P	06 40 28.0 -0.2
HDA	Harding Lake	66.40 336	I	Amb	06 40 30.1
HDA	Harding Lake	66.40 336	P	P	06 40 28.2 -0.5
D27M	Malcolm River	66.42 342	P	P	06 40 28.5 -0.4
RC01	Rabbi Creek A	66.44 332	I	Amb	06 40 57.9
RC01	Rabbi Creek A	66.44 332	P	P	06 40 28.4 -0.6
WAT1	Susitna Watana	66.49 334	P	P	06 40 28.7 -0.6
BRSE	Bradley Lake S	66.51 330	P	P	06 40 28.7 -0.8
ILAR	Eielson Aray	66.51 336	P	P	06 40 28.8 -0.7
ILAR	Eielson Aray	66.51 336	eP	eP	06 40 57.3 +0.2
ILAR	Eielson Aray	66.51 336	eP	eP	06 40 28.7 -0.7
BRLL	Bradley Lake	66.59 330	I	Amb	06 40 59.5
FYU	Fort Yukon	66.61 338	I	Amb	06 40 59.4
H25L	Birch Creek	66.70 338	P	P	06 40 30.0 -0.5
F26K	Sheenjek River	66.72 340	P	P	06 40 30.5 -0.2
SUMG	Summit	66.73 14	P	P	06 40 30.3 -0.8
SUMG	Summit	66.73 14	I	Amb	06 41 00.3
SUMG	Summit	66.73 14	P	P	06 40 30.3 -0.8
RND	Reindeer	66.82 334	I	Amb	06 41 00.7
M22K	Willow	66.83 332	I	Amb	06 41 00.1
M22K	Willow	66.83 332	P	P	06 40 30.7 -0.7
POKR	Poker Plat Res	66.86 336	P	P	06 40 31.0 -0.6
KDAK	Kodiak Island	66.91 328	P	P	06 40 31.3 -0.7
KDAK	Kodiak Island	66.91 328	iP	iP	06 40 32.4 +0.4
KDAK	Kodiak Island	66.91 328	P	P	06 40 31.8 -0.2
KDAK	Kodiak Island	66.91 328	pP	pP	06 41 00.2 +0.4
KDAK	Kodiak Island	66.91 328	sP	sP	06 41 12.1 +0.3
COLA	College	66.94 336	P	P	06 40 31.2 -0.8
MCK	McKinley	66.97 335	P	P	06 40 31.8 -0.5
SUA	Susitna One	67.03 332	I	Amb	06 40 33.8
SUA	Susitna One	67.03 332	P	P	06 40 32.6 -0.3
CUT	Chulitna	67.10 333	I	Amb	06 41 02.6
CUT	Chulitna	67.10 333	P	P	06 40 32.9 -0.3
OHAK	Old Harbor	67.14 327	P	P	06 40 33.0 -0.4
F25K	Christian River	67.19 339	I	Amb	06 41 37.7
F25K	Christian River	67.19 339	P	P	06 40 33.2 -0.5
H24K	Noodor Dome	67.31 337	P	P	06 40 33.8 -0.6
NEA2	Nena	67.32 336	P	P	06 40 33.6 -0.9
C27K	Jago River	67.46 341	P	P	06 40 34.7 -0.6
SII	Sitkinak Islan	67.47 326	P	P	06 40 35.2 -0.4
G24K	Hadweencic Riv	67.48 338	I	Amb	06 41 05.3
G24K	Hadweencic Riv	67.48 338	P	P	06 40 35.2 -0.4
O20K	Slope Mountain	67.52 330	P	P	06 40 35.4 -0.5
SKT	Skwentna	67.54 332	I	Amb	06 40 36.7
SKT	Skwentna	67.54 332	P	P	06 40 35.5 -0.5
N20K	Mount Spurr	67.62 332	P	P	06 40 35.7 -0.9
SPCR	Spur Chakacha	67.62 332	P	P	06 40 35.6 -1.0
I23K	Minto, Yukon-K	67.63 336	I	Amb	06 40 37.5
I23K	Minto, Yukon-K	67.63 336	P	P	06 40 36.0 -0.4
P19K	Oli Pt	67.70 330	P	P	06 40 36.4 -0.6
Q19K	Cape Douglas,	67.73 329	P	P	06 40 36.7 -0.5
R18K	Kariuk	67.84 327	P	P	06 40 37.3 -0.5
H23K	Yukon River	67.94 337	P	P	06 40 38.0 -0.4
BPAW	Bear Paw Mtn.	67.95 335	P	P	06 40 37.7 -0.7
F24K	Squaw Lake	67.95 339	P	P	06 40 38.3 -0.2
PPLA	Purkypile	68.09 333	P	P	06 40 38.9 -0.7
CHIR	Chirikof Islan	68.11 325	P	P	06 40 38.9 -0.7
MLY	Manley	68.14 336	I	Amb	06 40 40.5
MLY	Manley	68.14 336	P	P	06 40 38.8 -0.9
D25K	Kavik River	68.17 341	I	Amb	06 41 32.8

D25K	Kavik River	68.17 341	P	P	06 40 39.3 -0.5
M20K	Styx River	68.23 332	I	Amb	06 40 41.0
M20K	Styx River	68.23 332	P	P	06 40 40.0 -0.4
EFI	East Falkland	68.30 161	iP	P	06 40 42.1 +1.4
Q18K	Katmai Hardscr	68.36 329	P	P	06 40 40.6 -0.6
E24K	Yuk Creek	68.37 339	P	P	06 40 40.6 -0.5
G23K	Bananza Creek	68.43 338	P	P	06 40 41.8 +0.3
CHUM	Lake Minchumin	68.44 334	P	P	06 40 41.2 -0.3
PPT	Papeete	68.59 246	LR	LR	07 04 18.7
N19K	Bonanza Creek	68.59 331	P	P	06 40 42.0 -0.7
N19K	Bonanza Creek	68.59 331	P	P	06 40 41.8 -1.0
PPT2	Papeete2	68.60 246	eP	P	06 40 45.0 +1.6
PPT2	comp-Z,132nm,25.0s		eS	S	06 49 34.0 -3.6
PPT2	comp-Z,194nm,27.0s		eLQ	LQ	06 58 42.6
PPT2	comp-Z,272nm,24.5s		eLR	LR	07 01 22.8
PPT2	comp-Z,1um,35.2s		eLR	LR	07 01 31.5
P18K	Big Mountain,	68.63 329	P	P	06 40 41.4 -1.4
H22K	Ishlailitna Cre	68.67 337	P	P	06 40 41.9 -1.1
COLD	Coldfoot	68.68 338	P	P	06 40 42.0 -0.9
O18K	Koktuh Hills	68.72 330	P	P	06 40 42.9 -0.4
O18K	Koktuh Hills	68.72 330	P	P	06 40 42.7 -0.7
Q17K	Contact Creek	68.73 328	P	P	06 40 42.6 -1.0
L20K	Farwell, AK	68.73 333	P	P	06 40 42.0 -1.4
BORG	Borgames	68.74 25	LR	LR	07 08 23.6
E23K	Chandalar	68.76 339	P	P	06

12d 7h

NEIC 12 07:27:50.2±.1, 5.28S; 0.06±.02; 39E±.06, h43km±5km, mb5.1/82, Error ellipse: s-maj=9.4km s-min=9.0km az=127.0

GCMT 12 07:27:52.2±.0.2, 5.29S; 0.02±.02; 34E±.02, h44km±1km, MW5.0/93, Moment Tensor Solution. s45.c53; s93.c126; Duration: 0 Moment tensor: Scale 1019Nm; Mw0.81±.21; Mw1.05±.16; Mw0.18±.17; Mw0.61±.13; Mw0.31±.11; Mw0.26±.16; Best double couple: Mw4.50100±1016 Np1.9±171.00000*, s83.00000*, l40.00000*. NP2: s76.00000*, s51.00000*, l171.00000*. Principal axes: T 4.3460, P1g32.0000*, Azm41.0000*, N 0.3140, P1g50.0000*, Azm180.0000*, P -4.6560, P1g27.0000*, Azm297.0000*. nsta2 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 12 07:27:50.8±.0.3, 5.28S; 0.04±.02; 42E±.04, h52km±2km, h52km; pP-P, n455.c1937/431, mb5.0/139, MS4.1/76, 28C-7D, Southern Sumatra

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates and phases.

2018 SEP

Main table of seismic events with columns: SOEI, Soe, Time, P, I, A, M, B, Res. Lists event details including origin time, magnitude, and station codes.

828

Table of seismic stations with columns: STA, Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists station names, coordinates, and associated event data.

BJT	comp=Z,7.5nm,0.4s	46.82	14	I	Amb	I	Amb	07 36 15.8
BJT	comp=Z,19nm,0.6s	46.82	14	P	P	P	P	07 36 15.2 -0.3
BJT	Baijiatou	46.82	14	P	P	P	P	07 36 15.1 -0.3
BJI	Beijing	46.84	14	P	P	P	P	07 36 15.2 -0.4
BJI	comp=Z,13nm,0.6s							
BJI	comp=Z,200nm,18.2s			LR	LR			
BJI	comp=Z,86nm,19.7s			LR	LR			
BJI	comp=Z,280nm,19.0s			LR	LR			
NIL	Nilore	47.55	327	P	P	P	P	07 36 21.0 -0.4
NIL	Nilore	47.55	327	P	P	P	P	07 36 21.0 -0.4
NIL								
CMSA	comp=Z,28nm,0.6s	48.19	128	P	P	P	P	07 36 27.4 +1.1
CMSA	Cobar Meteorol	48.19	128	P	P	P	P	07 36 27.4 +1.1
KAVG	Kavieng	48.33	89	P	P	P	P	07 36 28.3 +1.1
KSAR	Wonju Array Be	48.68	27	P	P	P	P	07 37 28.3 -1.6
KSAR	Wonju Array Ar	48.68	27	P	P	P	P	07 37 28.3 -1.6
KSRS	Korea Irid	48.71	27	P	P	P	P	07 36 29.6 -0.6
KSRS	comp=Z,12nm,0.5s,baz=232,slow=7.2,SNR=52							
KSRS	comp=Z,12nm,0.5s							
KS19	Wonju Array Si	48.72	27	P	P	P	P	07 36 28.6 -1.7
AJLRC	Lighting Ridg	48.82	134	P	P	P	P	07 36 35.1 +0.7
JCJ	Chichijima	50.48	13	LR	LR			07 59 42.1
XLT	XilinHaoTe	50.48	13	eP	eP	P	P	07 36 42.7 -1.0
XLT								07 46 26.0 -4.2
XLT	comp=Z,35nm,1.1s			LR	LR			
XLT	comp=Z,230nm,22.7s			LR	LR			
XLT	comp=Z,340nm,19.4s			LR	LR			
EIDS	Eidsvold	50.65	119	P	P	P	P	07 36 45.7 +0.5
EIDS	Eidsvold	50.65	119	P	P	P	P	07 36 46.1 +0.8
EIDS	comp=Z,11nm,1.4s							
EIDS	Eidsvold	50.65	119	P	P	P	P	07 36 46.3 +1.1
WMQ	Urumqi	50.65	346	eP	eP	P	P	07 37 47.2 +2.3
SNY	Shenyang	50.70	20	P	P	P	P	07 36 43.6 -1.6
SNY								
AUDCS	Dubbo College	50.76	128	P	P	P	P	07 36 47.7 +1.8
KSH	Kashi	50.82	334	P	P	P	P	07 37 47.1 +0.7
KSH								07 36 59.5 -0.4
KSH								
WSAR	comp=Z,14nm,0.6s	51.29	305	LR	LR			07 56 19.5
WSAR	Wadi Sarin	51.29	305	LR	LR			07 56 19.5
JHJ	Hachiojima 2	52.08	40	LR	LR			07 59 33.2
JHJ	comp=Z,60nm,21.6s,baz=282,slow=37							
AUPHS	Peel High Scho	52.17	126	P	P	P	P	07 36 57.8 +1.3
CAN	Canberra	52.24	131	P	P	P	P	07 37 11.1 +0.4
CAN								07 37 03.1
NRN	Naryn	52.39	335	I	Amb	I	Amb	07 37 03.1
NRN	comp=Z,19nm,1.2s							
SHLS	Shalkode	52.51	339	eP	eP	P	P	07 36 57.0 -1.9
SHLS	Shalkode	52.51	339	eP	eP	P	P	07 36 57.0 -1.9
SHLS								
ARMA	Armidale	52.55	125	P	P	P	P	07 37 01.5 +2.0
ARMA	Armidale	52.55	125	P	P	P	P	07 37 00.7 +1.2
PDGK	Podgornoye	52.65	339	eP	eP	P	P	07 37 00.6 +0.7
UZB	Uzynbulak	52.66	339	eP	eP	P	P	07 36 59.2 -0.8
UZB	Uzynbulak	52.66	339	eP	eP	P	P	07 36 59.2 -0.8
UZB								
SOMM	Songino Array	53.00	3	P	P	P	P	07 37 02.2 -0.3
SOMM	Songino Array	53.00	3	P	P	P	P	07 37 02.8 +0.4
SOMM	comp=Z,32nm,0.8s,baz=179,slow=4.3,SNR=4.3							07 38 10.6 0.0
SOMM	comp=Z,32nm,0.8s							
SOMM	Songino Array	53.00	3	P	P	P	P	07 37 02.2 -0.3
SOMM	comp=Z,7.4nm,1.2s							
KPKKS	Kokpek	53.06	338	eP	eP	P	P	07 37 02.1 -0.9
KPKKS	Kokpek	53.06	338	eP	eP	P	P	07 37 02.0 -0.9
ULN	Ulaanbaatar	53.08	4	P	P	P	P	07 37 02.9 -0.2
ULN	Ulaanbaatar	53.08	4	eP	eP	P	P	07 37 03.2 +0.2
ULN								
ULN	comp=Z,45nm,1.0s							
ULN	Ulaanbaatar	53.08	4	P	P	P	P	07 37 03.1 +0.1
ULN	Ulaanbaatar	53.08	4	sP	sP	P	P	07 37 19.8 +1.1
ULN	Ulaanbaatar	53.08	4	P	P	P	P	07 37 03.1 +0.1
CN2	Changchun	53.09	21	P	P	P	P	07 37 01.5 -1.5
CN2								
BOOM	Boomsokoye usch	53.29	336	I	Amb	I	Amb	07 37 09.4
BOOM	comp=Z,60nm,1.3s							
MJAR	Matsushiro Arr	53.39	36	P	P	P	P	07 37 03.8 -1.6
MJAR	comp=Z,4.0nm,0.5s,baz=203,slow=6.3,SNR=10							08 00 23.1
MJAR	comp=Z,4.0nm,0.5s							
CHGR	Chuyangaron	53.48	328	P	I	Amb	I	07 37 04.8 -1.3
CHGR	comp=Z,44nm,1.2s							07 37 12.3
CHGR	Chuyangaron	53.48	328	P	P	P	P	07 37 04.8 -1.3
CHGR								
SIMJ	Simiganj	53.57	328	P	P	P	P	07 37 04.4 -2.4
SIMJ								07 37 11.6
TKM2	Tokmak 2	53.79	336	i	P	P	P	07 37 08.6 +0.2
TKM2								
AAK	Ala-Archa	54.02	335	LR	LR			08 04 54.7
AAK	comp=Z,126nm,18.6s,baz=136,slow=41							
CHKK	Chushkaly	54.02	337	eP	eP	P	P	07 37 09.2 -0.7
CHKK	Chushkaly	54.02	337	eP	eP	P	P	07 37 09.2 -0.7
KUU	Kurty	54.31	337	eP	eP	P	P	07 37 11.1 -0.9
KUU	Kurty	54.31	337	eP	eP	P	P	07 37 11.0 -0.9
MSHR	Mys Shultsa	54.32	26	eP	eP	P	P	07 37 11.6 -0.4
MSHR								
TDK	Taldyqorghon	54.49	339	eP	eP	P	P	07 37 12.6 -0.7
TDK	comp=Z,8.2nm,0.5s,baz=339							
TDK	Taldyqorghon	54.49	339	eP	eP	P	P	07 37 12.5 -0.7
ZSN	Zaisan	54.74	345	eP	eP	P	P	07 37 14.2 -0.8
ZSN	comp=Z,9.9nm,0.4s,baz=345							
ZSN	Zaisan	54.74	345	eP	eP	P	P	07 37 14.2 -0.8
ZSN								
MK31	Makanchi Array	54.83	343	I	Amb	I	Amb	07 37 18.5
MK31	comp=Z,6.6nm,0.5s							
MK31	Makanchi Array	54.83	343	i	P	P	P	07 37 15.1 -0.6
MK31								
MKAR	Makanchi Array	54.83	343	P	P	P	P	07 37 14.7 -1.0
MKAR	Makanchi Array	54.83	343	P	P	P	P	07 37 15.3 -0.4
MKAR	comp=Z,7.7nm,0.5s,baz=152,slow=7.8,SNR=41							08 05 12.5
MKAR	comp=Z,1.54nm,20.8s,baz=146,slow=41							
MAKZ	Makanchi	54.94	343	P	I	Amb	I	07 37 15.3 -1.1
MAKZ								07 37 19.2
MAKZ	Makanchi	54.94	343	P	P	P	P	07 37 15.3 -1.1
MAKZ	comp=Z,19nm,1.4s							
MDJ	Mudanjiang	55.34	23	P	P	P	P	07 37 16.3 -3.0
MDJ								
MDJ	comp=Z,17nm,0.6s							
MDJ	Mudanjiang	55.34	23	P	P	P	P	07 37 19.5 +0.2
ABPO	Ambohimpnom	55.43	251	P	P	P	P	07 37 21.1 +0.4
ABPO								07 37 23.7
ABPO	comp=Z,1.4nm,0.9s							
ABPO	Ambohimpnom	55.43	251	P	P	P	P	07 37 21.1 +0.4
ABPO								
ABPO	comp=Z,1.4nm,1.0s							
ABPO	Ambohimpnom	55.43	251	sP	sP	P	P	07 37 22.8 +2.0
ABPO								07 37 39.9 -0.8

ZAK	Zakamensk	55.44	1	eP	eP	P	P	07 37 18.9 -1.2
ZAK								
BNX	BinXian	55.47	21	fP	fP	P	P	07 37 19.4 -0.8
BNX								
DZA	Taraz	55.62	333	eP	eP	P	P	07 37 20.5 -0.9
DZA	Taraz	55.62	333	eP	eP	P	P	07 37 20.5 -0.9
DZA								
KNGR	Kungurtug, Tuv	55.82	356	i	P	P	P	07 37 22.5 -0.4
KNGR								
KNGR	comp=Z,28nm,1.2s							
USA0B	USSuriysk Arr	55.98	25	i	P	P	P	07 37 22.7 -1.2
USRK	USSuriysk Arr	55.98	25	P	P	P	P	07 37 23.3 -0.6
USRK	comp=Z,26nm,0.5s,baz=206,slow=5.7,SNR=109							08 03 60.0
USRK	comp=Z,109nm,18.6s,baz=216,slow=39							
USRK	comp=Z,26nm,0.5s							
KK31	Karatay Array	56.16	332	P	P	P	P	07 37 25.4 +0.1
KKAR	Karatay Array	56.16	332	P	P	P	P	07 37 24.2 -1.1
KKAR	Karatay Array	56.16	332	P	P	P	P	07 37 24.2 -1.1
BTLS	Baital	56.17	336	eP	eP	P	P	07 37 24.2 -1.2
BTLS	comp=Z,36							
BTLS	Baital	56.17	336	eP	eP	P	P	07 37 24.1 -1.2
DGZ	Jazzator, Alta	56.28	348	i	P	P	P	07 37 26.1 -0.1
DGZ								
HIA	Hailar	56.38	14	I	Amb	I	Amb	07 37 26.7
HIA	Hailar	56.38	14	P	P	P	P	07 37 26.2 -0.6
HIA	Hailar	56.38	14	i	P	P	P	07 37 25.1 -1.7
HIA								
BRLS	Boroday	56.42	332	eP	eP	P	P	07 37 25.4 -1.8
BRLS	comp=Z,18nm,1.1s							
BRLS	Boroday	56.42	332	eP	eP	P	P	07 37 25.4 -1.8
BRLS	comp=Z,2.0nm,0.4s							08 04 40.8
HNR	Honiarsk Arr	57.15	36	LR	LR			07 37 41.6 -1.5
HNR	comp=Z,748nm,18.4s,baz=281,slow=39							
SEM	Semipalatinsk	58.68	344	eP	eP	P	P	07 37 41.6 -1.5
SEM	Kurchatov Arr	59.37	343	P	P	P	P	07 37 47.0 -0.7
KURBB	Kurchatov	59.37	343	P	P	P	P	07 37 47.0 -0.7
KURBB	comp=Z,2.0nm,0.4s,baz=156,slow=6.9,SNR=18							08 06 59.1
KURBB	comp=Z,154nm,21.6s,baz=170,slow=40							
HEH	HeiHe	59.38	18	eP	eP	P	P	07 37 46.8 -0.8
HEH								07 37 46.7 -1.0
HEH	comp=Z,67nm,1.1s							
HEH	comp=Z,280nm,20.1s							
HEH	comp=Z,170nm,21.4s							
HEH	comp=Z,290nm,23.0s							
KURK	Kurchatov	59.43	343	P	I	Amb	I	07 37 47.0 -1.0
KURK								07 38 12.1
KURK	comp=Z,9.8nm,0.8s							
KURK	Kurchatov	59.43	343	eP	eP	P	P	07 37 47.9 -0.1
KURK								
H04S1	CROZET ISLANDS 59.92 218	T	T					08 42 47.2
H04S3	CROZET ISLANDS 59.93 218	T	T					08 42 47.4
H04S2	CROZET ISLANDS 59.94 218	T	T					0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKASG, AKBB, AKKB, KIEV, VRI, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EREN, YER, YER, KADINHANI, MULA, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, KAPI Kappang, SONM Sogingong Array, etc.

IDC 12 08:36:51.3-1.5, 4.95S: 12'60W, h0km, mb4, 1/9, mbmp4, 1/9, MS3.6/19, Error ellipse: s-maj=94.9km s-min=20.6km az=105.0

ISC 12 08:36:53.1-1.5, 4.95S: 0'2.125W, 0.6, h11km, n35, 0571/14, mb4.3/12, MS3.5/17.5C, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like H10N2 ASCENSION HYDR 3.47 214, H10N1 ASCENSION HYDR 3.48 214, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like FETY Fethiye, IZZE Mula-Seydike, CAEL Denizli, etc.

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

Main table containing astronomical data for 12d 9h, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various object names like AKUM, ANTV, GAZI, etc.

IDC 12 09:31:05.7:2.4, 6.78S; 129.99E, h0km, mb3.8/1, mbmp3.6/3, ML3.7/2, Error ellipse: s-maj=146.4km

ISC 12 09:31:12.4:1.6:4.7S; 0:09:130.4E:0.1, h100km, n15, s=170/14, Banda Sea

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

IDC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

ISC 12 09:34:09.0:34.0, 1.71N, 94.59W, h0km, mb3.6/3, mbmp3.6/3, MS3.6/3, Error ellipse: s-maj=17.4km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSUB Penn St. - Bra, P60A Greenville, TUPA Temple Unvers, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WHVZ Whangehu Hut, TRVZ Turoa, WNVZ Wahianoa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCLA Saldia de Sa, SCLA Alcadia de Sa, SCLA Alcadia de Sa, etc.

IDC 12 09:55:21.8-1.3, 1.1N-0.1E, h100km, MLV3.7/12, North Island, New Zealand

NEIC 12 09:55:25.0-0.7, 2.9N-0.1E, h127.0E, 0.1, h64km, 8km, mb4.1/12, Error ellipse: s-maj=24.4km s-min=11.6km az=47.0

ISC 12 09:55:21.8-1.3, 1.1N-0.1E, h127.2E, 0.1, h44km, n28, 0.073/24, mb4.2/9, Talaud Islands

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TNTI Ternate, TOL2 Tolitola, MYDM Lahad Datu, etc.

IDC 12 09:55:21.8-1.3, 1.1N-0.1E, h100km, MLV3.7/12, North Island, New Zealand

NEIC 12 09:55:25.0-0.7, 2.9N-0.1E, h127.0E, 0.1, h64km, 8km, mb4.1/12, Error ellipse: s-maj=24.4km s-min=11.6km az=47.0

ISC 12 09:55:21.8-1.3, 1.1N-0.1E, h127.2E, 0.1, h44km, n28, 0.073/24, mb4.2/9, Talaud Islands

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WHVZ Whangehu Hut, TRVZ Turoa, WNVZ Wahianoa, etc.

IDC 12 09:55:21.8-1.3, 1.1N-0.1E, h100km, MLV3.7/12, North Island, New Zealand

NEIC 12 09:55:25.0-0.7, 2.9N-0.1E, h127.0E, 0.1, h64km, 8km, mb4.1/12, Error ellipse: s-maj=24.4km s-min=11.6km az=47.0

ISC 12 09:55:21.8-1.3, 1.1N-0.1E, h127.2E, 0.1, h44km, n28, 0.073/24, mb4.2/9, Talaud Islands

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCLA Saldia de Sa, SCLA Alcadia de Sa, SCLA Alcadia de Sa, etc.

NOU 12 10:06:19.3, 38.46S, 175.91E, h180km, MLV3.7/12, North Island, New Zealand

WEL 12 10:06:23.7, 0.6, 38.4, 17.6E, h130km, 5km, M3.0/55, ML2.8/31, MLV3.0/55, Error ellipse: s-maj=0.0km s-min=0.0km az=145.9

ISC 12 10:06:18.5, 1.6, 38.45S, 0.05, 175.90E, 0.04, h174km, 8km, n147, 0.160/158, North Islands

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUTZ Kaahu Road, GRRZ Galatos Road, WHZT Whakaora, etc.

IDC 12 10:12:25.5, 1.1, 13.47N, 87.85W, h21km, 15km, SNET WB4.3(NEIC)

CATAC 12 10:12:26.1, 0.2, 13.20N, 87.94W, h4km, 1km, ML4.6, NEIC 12 10:12:29.5, 1.7, 13.12N, 0.08, 87.85W, 0.06, h25km, 9km, mb4.3/12, Error ellipse: s-maj=13.5km s-min=6.4km az=213.0

IDC 12 10:12:31.0, 0.3, 13.09N, 87.89W, h36km, 33km, mb3.8/6, mbmp4.1/10, ML3.4/4, MS3.6/32, Error ellipse: s-maj=30.8km s-min=13.5km az=45.0

GCG 12 10:12:58.7, 4.0, 14.08N, 89.76W, h50km, 299km, MD4.5, ISC 12 10:12:26.4, 0.8, 13.20N, 0.03, 87.94W, 0.02, h7mm, 5km, n245, 0.148/195, mb4.3/57, MS3.6/26, 20C-24D, Honduras

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INTP Intipuca, LCNL La Caada, LCNL La Caada, etc.

IDC 12 10:12:25.5, 1.1, 13.47N, 87.85W, h21km, 15km, SNET WB4.3(NEIC)

CATAC 12 10:12:26.1, 0.2, 13.20N, 87.94W, h4km, 1km, ML4.6, NEIC 12 10:12:29.5, 1.7, 13.12N, 0.08, 87.85W, 0.06, h25km, 9km, mb4.3/12, Error ellipse: s-maj=13.5km s-min=6.4km az=213.0

IDC 12 10:12:31.0, 0.3, 13.09N, 87.89W, h36km, 33km, mb3.8/6, mbmp4.1/10, ML3.4/4, MS3.6/32, Error ellipse: s-maj=30.8km s-min=13.5km az=45.0

GCG 12 10:12:58.7, 4.0, 14.08N, 89.76W, h50km, 299km, MD4.5, ISC 12 10:12:26.4, 0.8, 13.20N, 0.03, 87.94W, 0.02, h7mm, 5km, n245, 0.148/195, mb4.3/57, MS3.6/26, 20C-24D, Honduras

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTS Las Juntas de, JTS Las Juntas de, JTS Las Juntas de, etc.

KRNET 12 10:28:42.0.1, 42.92N:69.54E, mb2.5
ISC 12 10:28:39.5.2, 42.94N:07.69.4E, 0.1, h4km, 12km, n13,
c181/24, 11C-2D, Central Kazakhstan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BRLLS Borolday, CHM Chinkent, KK31 Karatay Array, etc.

SNET 12 10:33:20.0.1.2, 13.19N:87.92W, h3km, ML2.5
CATAC 12 10:33:20.4.0.8, 13.25N:87.98W, h6km, 2km, ML2.5
ISC 12 10:33:19.8.2.3, 13.26N:07.88.0W, 0.1, h14km, 6km, n7,
c0541/16, El Salvador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LCND La Caada, CNCH Conchagua, AMPH Amapala, etc.

IDC 12 10:35:58.1.2.7, 11.48S:122.83E, h0km, mb3.6/1,
mbmp3.4/3, ML3.3/2, Error ellipse: s-maj=201.1km
s-min=34.9km az=50.0
DJA 12 10:36:01.1.0.7, 10.5S:12.4E, h12km, 4km, M3.8/7,
mb4.1/2, MLV3.7/7

ISC 12 10:35:59.6.0.9, 10.58S:07.124E, 0.07, h10km, n6,
c2545/10, Timor region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BATI Baumata, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 12 10:53:31.9.2.4, 1.15S:100.43E, h0km, mb3.8/4,
mbmp3.8/4, Error ellipse: s-maj=87.9km s-min=31.1km
az=53.0
DJA 12 10:53:44.7.0.4, 1.1S:101.0E, h74km, 6km, M3.8/8,
MLV3.8/8

ISC 12 10:53:43.3.0.9, 1.08S:006.100.37E, 0.07, h86km, n23,
c1914/15, mb3.8/4, Southern Sumatra

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PDSI Padang, BKNI Bangkinang, WRA Warramunga Arr, etc.

H04S1 CROZET ISLANDS 62.04 216 T T 12 10 04.9
bazz=56, slow=76, SNR=6.0
H04S3 CROZET ISLANDS 62.05 216 T T 12 10 05.0
bazz=56, slow=76, SNR=4.9
H04S2 CROZET ISLANDS 62.06 216 T T 12 10 09.7
bazz=56, slow=76, SNR=4.2
ARCES ARCES Array B 85.74 340 P P 11 06 12.8 +0.3
1.1nm, 0.7s, bazz=93, slow=3.6, SNR=3.8
1.1nm, 0.7s
TXAR Lajitas Array 143.75 37 PKP PKPbc 11 03 07.9 +0.9
0.1nm, 0.5s, bazz=330, slow=1.3, SNR=4.9

IDC 12 11:06:32.3.0.5, 32.69N:105.80E, h0km, mb4.6/29,
mbmp4.6/32, ML4.4/3, MS4.3/66, Error ellipse:
s-maj=15.0km s-min=10.2km az=46.0
MOS 12 11:06:33.1.0.9, 32.69N:105.74E, h16km, mb5.2/64,
MS4.6/21, Error ellipse: s-maj=5.4km s-min=3.8km
az=120.5
BUJ 12 11:06:34.3.0.0, 32.75N:105.67E, h11km, mb4.9/42,
mb5.0/19, ML5.5/21, MS5.3/54, MS7.4/9/58
NEIC 12 11:06:34.4, 32.74N:105.88E, h22km, Moment Tensor
Solution. Duration: 188 Moment tensor: Scale 10¹⁶Nm;
Mn:0.53; Mw:1.56; Mo:2.09; Mo:0.30; Mo:3.74; Mo:0.31;
Fault plane solution: Mo4.19000x10¹⁶ NP1:
φs167.20000°, δ85.90000°, λ5.83000°. NP2:φs76.78000°,
δ84.19000°, λ175.88000°. Principal axes: T 3.9460°,
Pg7.0000°, Azm32.0000°, N 0.4824°, Plg83.0000°;
Azm202.0000°; P -4.4283°, Plg1.0000°; Azm302.0000°;
NEIC 12 11:06:34.4, 32.74N:105.64E, h22km
NEIC 12 11:06:34.2.1.2, 32.72N:107.105.66E, 0.09, h10km, 1km,
m5=2/238, Mw=5.0/25, Error ellipse: s-maj=12.5km
s-min=11.7km az=233.0
GCMT 12 11:06:35.2.0.2, 32.71N:01.105.75E:0.01, h25km,
MW5.1/116, Moment Tensor Solution. s66, c86;
s116, c190; Duration: 0 Moment tensor: Scale 10¹⁶Nm;
Mn:0.33; Mw:2.35; Mo:10; Mo:2.68; Mo:11; Mo:0.23; Mo:22;
Mo:4.10; Mo:09; Mo:0.72; Mo:22; Best double couple:
Mo4.86400x10¹⁶ NP1:φs344.0000°, δ86.0000°;
λ-7.0000°. NP2:φs75.0000°, δ83.0000°, λ-176.0000°;
Principal axes: T 4.6500°, Azm29.0000°; N
0.4230°, Plg82.0000°; Azm134.0000°; P -5.0770°,
Plg8.0000°, Azm299.0000°; nst1 refers to body waves,
cutoff=40s. nst2 refers to surface waves, cutoff=50s.
Triangular moment-rate function

ISC 12 11:06:34.6.0.5, 32.80N:03.105.71E:0.03, h8km, 2km,
h8km, p-P, n555, c1861/867, mb5.1/252, MS4.5/92,
40C-15D, Sichuan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CD2 Chengdu, XAN Xi'an, ZH Lanzhou, ENH Enshi, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GOMU, TENGCHONG, TIAI, BJT, etc.

GROC	Groznyy	47.43 301	eP	P	11 15 08.2	-1.5	MNK	Minsk	57.22 317	iP	P	11 16 21.2	-0.9	baz=286	ATD	Arta Tunnel	61.08 265	I	Amb	I	11 16 59.4
GENI	Geniy	47.97 130	P	P	11 15 17.4	+3.3	MNK	Minsk		/	PPP	PPP	11 19 45.7		comp=Z,23nm,0.9s	ATD	Arta Tunnel	61.08 265	LR	LR	11 43 31.1
GNI	Garni	48.74 297	P	P	11 15 18.4	-1.6	MNK	Minsk		/	SS	SS	11 24 11.3	+0.4	comp=Z,30nm,18.4s	E17K	Hothon Inlet	61.20 27	P	P	11 16 48.3
GNI	Garni	48.74 297	LR	LR	11 38 50.5		MNK	Minsk	comp=Z,13nm,0.8s		pmax	pmax				M11K	Mekoryud	61.20 35	P	P	11 16 48.5
GNI	Garni	48.74 297	eP	P	11 15 20.6	+0.6	MNK	Minsk	comp=E,22nm,0.7s		pmax	pmax				ARCR	ARCALIA	61.31 310	↑P	P	11 16 52.4
GNI	Garni	48.74 297	eP	P	11 15 20.6	+0.6	MNK	Minsk	comp=N,17nm,0.9s		pmax	pmax				VOIR	VOIR	61.38 300	↑P	P	11 16 51.8
BILL	Bilibino	49.06 26	P	P	11 15 22.0	+0.1	MNK	Minsk	comp=Z,326nm,15.0s		MLR	MLR				VOIR	VOIR	61.38 308	↑P	P	11 16 51.8
BILL	Bilibino	49.06 26	eP	P	11 15 21.0	-0.9	MNK	Minsk	comp=E,401nm,22.0s		MLR	MLR				VOIR	VOIR	61.38 308	↑P	P	11 16 50.2
BILL	Bilibino	49.06 26	eP	P	11 16 44.0		MNK	Minsk	comp=N,284nm,17.0s		MLR	MLR				WRKA	Warakurna	61.41 157	P	P	11 16 50.5
BILL	Bilibino	49.06 26	eP	P	11 16 44.0		MNK	Minsk	comp=N,284nm,17.0s		MLR	MLR				WRKA	Warakurna	61.41 157	P	P	11 16 54.2
BILL	Bilibino	49.06 26	eP	P	11 17 21.2		MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				C19K	Lookout Ridge	61.42 24	P	P	11 16 50.2
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				G16K	Koyuk River	61.47 28	P	P	11 16 50.4
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				K13K	Kusilvak Mount	61.48 33	P	P	11 16 50.7
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				E18K	Tukpaleirik C	61.55 26	P	P	11 16 51.5
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KWP	Kalwaria Pacla	61.56 313	eP	P	11 16 52.6
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KWP	Kalwaria Pacla	61.56 313	eP	P	11 16 52.6
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				F17K	Baldwin Penin	61.60 27	P	P	11 16 52.2
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				F17K	Baldwin Penin	61.60 27	P	P	11 16 51.5
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				ARR	Arges	61.68 308	↑P	P	11 16 54.0
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				A21K	Barrow	61.70 21	P	P	11 16 51.2
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				J14K	Nanvaranak Lak	61.73 32	P	P	11 16 51.9
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				H16K	Elim	61.74 29	P	P	11 16 51.9
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				MUKU	Mukachevo	61.94 312	P	P	11 16 54.8
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				B20K	Meade River	61.95 23	P	P	11 16 54.6
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				B20K	Meade River	61.95 23	P	P	11 16 53.7
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				NIKH	Nikolski High	61.98 43	P	P	11 16 53.7
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				BERU	Beregovo	62.04 311	P	P	11 16 55.5
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR				KOLS	Kolonické sedl	62.05 312	eP	P	11 16 56.3
BILL	Bilibino	49.06 26	eP	P	11 22 38.5	+1.2	MNK	Minsk	comp=Z,9.0nm,0.6s		MLR	MLR									

Table with columns: Station ID, Name, Date, Time, Status, etc. Includes stations like D22K Ayikyak River, L16K Owhat River, NC602 NORSAR Array S, etc.

Table with columns: Station ID, Name, Date, Time, Status, etc. Includes stations like L19K White Mountain, SDPT Sand Point, C26K Camden Bay, etc.

Table with columns: Station ID, Name, Date, Time, Status, etc. Includes stations like KHC comp=Z,700nm,16.5s, COLA College, COLA College, etc.

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error. Includes stations like WATA, M24K, QLP, SQT, etc.

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error. Includes stations like STKA, YUKA, PINM, HTT, etc.

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error. Includes stations like F04A, C09A, C09B, NEWP, etc.

SOME 12 11:06:54.3, 40:88N-69:73E, h10km
KRNET 12 11:06:55.1, 0.1, 41:12N-69:61E, h21km, mb2.3
NINC 12 11:06:56.6, 5.8, 40:89N-69:49E, h0km, mb3.6, mpv3.7,
Error ellipse: s-maj=4.1, 6km s-min=34.3km az=32.0
ISC 12 11:06:57.8, 2.1, 41:07N-0:06, 69:83E:0:08, h99m, 13km,
12 11:06:58.2, 19.3, 40:57N, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Distance, Azimuth Error, Distance Error, Station Name, Azimuth, Distance, Azimuth Error, Distance Error. Includes stations like TRKS, BTK, ARK, etc.

Table with columns: RCVN, Varillal2, 1.74 78, i P, Pn, 15 35 43.7 -1.7, HDC Heredia, 4.92 130, e P, Pn, 15 36 29.7 +0.5, 12d 15h

Table with columns: CCGIC Comitan, 5.08 307, i P, Pn, 15 36 31.0 -0.4, 2018 SEP, 4.92 130, e P, Pn, 15 36 29.7 +0.5

Table with columns: Sharon Grove, 23.69 2, P, P, 15 40 26.2 -0.8, 12d 15h, 23.69 2, P, P, 15 40 26.2 -0.8

12d 16h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ULM, G001, BOZ, DLON, SIV, etc.

2018 SEP

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MSVF, YAK, DZM, WMQ, HHC, etc.

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Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like PACA, CSGN, FAGO, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NORSTAR Subarra, NORSTAR Array B, and Malin Array Be.

IDC 12 16:38:32.0±1.8, 7.72S:122.41E, h0km, mb3.6/2, m-bmtmp3.4/4, ML3.3/2, Error ellipse: s-maj=253.4km s-min=27.3km az=56.0, Flores Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Warramunga Arr, Alice Springs, and Makanchi Array.

SJA 12 16:51:02.9±0.7, 33.20S:70.03W, h9km, 2km, ML3.7, MW3.7

GUC 12 16:51:03.7±0.7, 33.17S:70.01W, h20km, 1km, ML3.7
IDC 12 16:51:06.2±1.1, 33.20S:69.49W, h0km, mb3.6/3, m-bmtmp3.6/6, ML3.7/3, MS3.4/1, Error ellipse: s-maj=49.9km s-min=20.2km az=94.0

ISC 12 16:51:03.8±0.9, 33.16S:0.02E, h9km, 7km, n66, ±147/101, mb3.6/3, SC-16D, Chile-Antarctica border region

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Ro Olivares, Farellones, Bocatoma R, and Universidad A.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AAGRA Agrelo, ASAL Salagasta, and MT09 Popeta.

NNC 12 16:52:21.6±5.2, 37.56N:71.20E, h0km, mb4.4, mpv4.0, 3C-2D, Error ellipse: s-maj=40.5km s-min=35.6km az=1.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Merke, Borolay, Karatay Array, and AAK.

IDC 12 17:05:51.1±3.0, 17.63S:178.22W, h582km, 21km, mb3.4/4, m-bmtmp4.2/5, Error ellipse: s-maj=62.2km s-min=31.0km az=28.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Nonsavu, Stephens Creek, Warramunga Arr, and ASAR.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes station GSPA South Pole Qui.

GUC 12 17:22:31.8±0.8, 20.80S:69.10W, h100km, 3km, ML3.7
SJA 12 17:22:31.3±0.6, 20.80S:69.13W, h105km, 4km, ML3.7, MW3.7

IDC 12 17:22:33.7±1.5, 20.91S:68.47W, h109km, 16km, mb3.6/1, m-bmtmp3.7/4, Error ellipse: s-maj=52.6km s-min=15.2km az=106.0

ISC 12 17:22:32.2±0.9, 20.80S:0.04E, 69.19W, 0.05, h105km, 7km, n27, ±093/40, 4C-ID, Northern Chile

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like IPOC Station P, Humberstone, Diego Aracena, and Huaiquique.

IDC 12 17:32:36.5±2.2, 5.58S:147.44E, h140km, 20km, mb3.6/7, m-bmtmp4.1/9, MS3.4/1, Error ellipse: s-maj=42.6km s-min=12.9km az=110.0

NEIC 12 17:32:37.2±1.7, 5.65S:0.07E, 147.3E±0.1, h123km, 7km, mb4.5/29, Error ellipse: s-maj=14.9km s-min=10.3km az=105.0

ISC 12 17:32:34.0±1.0, 7.56S:0.08E, 147.25E±0.10, h100km, n67, ±156/63, mb4.2/16, Eastern New Guinea region

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Port Moresby, Rabaul, and Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ, OOD, LCRK, WRKA, MULG, MBWA, etc.

TEH 12 17:40:13.9, 34.69N, 46.32E, h8km, 17km, ML2.8
ISN 12 17:40:15.5, 1.2, 34.67N, 46.23E, h19km, 22km, ML3.2
ISC 12 17:40:12.7, 1.0, 34.71N, 0.04, 46.29E, 0.04, h13km, 7km, n12, c042/17, Western Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDHR, IGHG, ILIN, KGS1, etc.

IDC 12 17:50:26.4, 4.0, 6.26S, 146.94E, h113km, 49km, mb3.4/3, mbmp3.7/5, Error ellipse: s-maj=56.9km s-min=30.2km az=119.0
ISC 12 17:50:25.5, 1.3, 6.45S, 0.1, 146.8E, 0.3, h100km, n6, c1939/7, mb3.8/3, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG, WRA, ASAR, CMAR, PETK, TORD, etc.

NEIC 12 17:57:42.3, 2.51, 4.4N, 0.2, 177.7W, 0.1, h42km, 13km, mb4.0/46, Error ellipse: s-maj=25.5km s-min=8.2km az=155.0
IDC 12 17:57:44.6, 2.5, 5.1, 49N, 177.94W, h71km, 22km, mb3.7/25, mbmp4.0/27, MS3.3/18, Error ellipse: s-maj=22.9km s-min=10.0km az=1.0
ISC 12 17:57:41.3, 0.6, 5.3, 2.0, 1.1, 177.78W, 0.05, h45km, n106, c1928/6, mb4.0/36, MS3.2/15, Andean Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KIWB, ADK, GSTR, AMKA, SHEM, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PETAH, OHAK, K17K, J17K, KDAK, etc.

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

12d 18h

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

2018 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MAW, J20K, SEY, F10A, etc.

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

TAP 12:18:02:43.5, 22:287N-120:92E, h8km, ML1.6, 2C-2D, C

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and other technical details. Includes stations like TWG, TWG, TWG, etc.

EHY	baz=39	eS	Sb	18 03 09.1	+0.3
HGSD Ruisui	0.78 37	eP	Pb	18 02 59.6	+0.3
HGSD baz=30		eS	Sb	18 03 11.0	+1.0
WHYT Xinyi Township	0.82 356	eP	Pn	18 03 02.4	+0.9
WHYT baz=3.0		S	Sb	18 03 12.1	+0.7
VWDT VWDT	0.90 13	eP	Pn	18 03 02.2	-0.4
VWDT baz=16		eS	Sn	18 03 14.8	-1.0
SSLB Suanglung	0.91 2	P	Pb	18 03 01.4	-0.3
SSLB baz=356		iS	Sb	18 03 15.0	+1.0
TWKBT Hengchun	0.93 186	P	Pn	18 03 01.8	-0.1
TWKBT baz=187		eS	Sg	18 03 13.3	-0.1
WARBT Fenglin Townsh	0.95 27	eP	Pg	18 03 01.4	-0.3
WARBT baz=33		eS	Sg	18 03 13.3	-0.8
SMLT Sun Moon Lake	1.01 359	eP	Pb	18 03 03.5	+0.1
SMLT baz=8.0		eS	Sb	18 03 17.4	+0.6
TYC Yuchr	1.03 357	eP	Pn	18 03 05.1	+0.8
TYC baz=4.0		eS	Sn	18 03 19.9	+0.9
LYUB Lan-yu	1.06 144	eP	Pb	18 03 04.0	-0.1
LYUB baz=145		eS	Sb	18 03 19.8	+0.1
WUSB Renai	1.13 9	eP	Pg	18 03 04.7	-0.6
WUSB baz=9.0		S	Sn	18 03 21.3	-0.3
WCS Beigang Elemen	1.18 360	eP	Pg	18 03 05.5	-0.7
WCS baz=6.0		iS	Sb	18 03 23.1	+0.4
CHGB Renai	1.21 11	P	Pn	18 03 06.9	+0.1
CHGB baz=11		eS	Sn	18 03 24.5	+0.8
ETM Tongmen	1.21 26	iP	Pg	18 03 06.8	0.0
ETM baz=14		eS	Sb	18 03 24.2	+0.8
LXIB Xiulin Townshi	1.23 22	eP	Pb	18 03 06.7	-0.5
LXIB baz=22		eS	Sn	18 03 23.8	-0.4
WHF Hehuan Shan	1.31 14	eP	Pn	18 03 08.4	-0.2
WHF baz=27		eS	Sn	18 03 28.6	+2.2
TWD Chiawan	1.36 27	eP	Pn	18 03 06.4	-2.4
FUSS Fushou	1.40 12	eP	Pg	18 03 11.0	+0.6
FUSS baz=12					
AEIC 12 18:07:37.8±0.5, 58.82N, 0.05:137.11W, 0.10, h0km, 7km, ML3.5, ML3.5/107(NEIC), Error ellipse: s-maj=8.1km s-min=6.2km az=222.0					
PGC 12 18:07:38.8±0.1, 58.91N, 137.10W, h0km, ML3.6/28, 109km west of Haines, AK Southeastern Alaska					
NEIC 12 18:07:38.6±1.6, 58.86N, 0.05:137.18W, 0.09, h10km, 2km, Error ellipse: s-maj=9.2km s-min=7.2km az=214.0					
ISC 12 18:07:38.0±0.7, 58.90N, 0.02:137.12W, 0.02, h10km, n130, s1984/164, Southeastern Alaska					
Code	Station Name	Δ° AZ°	Phase ID	Time h m s	Res ISC
PLBC	Pleasant Camp	0.68 34	P	18 07 50.7	-0.5
PLBC			Pg	18 07 59.5	-0.6
P29M	Windy Craggy	0.80 337	Pg	18 07 52.9	-0.6
P29M			IAML	18 08 04.8	
P29M	Windy Craggy	0.80 337	P	18 07 52.7	-0.8
P29M			Sg	18 08 03.3	-0.6
R31K	City Hall, Gus	0.87 123	P	18 07 54.3	-0.5
S31K	Pelican	1.05 153	Pg	18 07 57.6	-0.6
S31K			IAML	18 08 15.4	
S31K	Pelican	1.05 153	P	18 07 57.9	-0.3
S31K			Sg	18 08 11.2	-0.5
SKAG	Skagway	1.08 58	Pb	18 07 57.6	-1.2
SKAG			IAML	18 08 17.0	
SKAG			IAML	18 08 17.0	
BESE	Bessie Mountai	1.22 104	P	18 08 00.7	-0.6
P30M	Million Dollar	1.23 4	P	18 08 00.5	-0.9
P30M			Sb	18 08 15.4	-1.0
PNL	Peninsula	1.40 304	P	18 08 02.7	-1.0
PNL			Sb	18 08 21.9	-0.4
R32K	Eaglecrest	1.50 114	P	18 08 05.2	+0.2
R32K			IAML	18 08 28.0	
R32K			IAML	18 08 29.3	
R32K	Eaglecrest	1.50 114	P	18 08 05.0	0.0
O29M	Mount Kennedy	1.59 333	P	18 08 05.8	-0.6
O29M	Mount Kennedy	1.59 333	Pn	18 08 06.0	-0.4
O29M			Sn	18 08 27.6	+0.5
BCPM	Bancas Point	1.67 311	Pn	18 08 07.0	-0.3
BCPM			IAML	18 08 33.2	
YUK7	Dusty Glacier	1.72 343	Pn	18 08 08.6	+0.4
YUK7			Sn	18 08 31.6	+1.4
P32M	Atlin	1.88 67	Pn	18 08 10.8	+0.5
P32M			IAML	18 08 38.7	
P32M	Atlin	1.88 67	Pn	18 08 10.9	+0.6
P32M			Sn	18 08 34.7	+0.6
HYT	Haines Junctio	1.94 354	Pn	18 08 11.9	+0.7
HYT			Sn	18 08 37.4	+1.7
O30N	Mendenhall	1.95 15	Pn	18 08 12.4	+1.1
O30N			IAML	18 08 44.1	
O30N	Mendenhall	1.95 15	Pn	18 08 12.3	+1.1
O30N			Sn	18 08 37.1	+1.3
S32K	Killisnoo	1.97 136	Pn	18 08 11.9	+0.9
S32K	Killisnoo	1.97 136	Pn	18 08 12.2	+0.8
S32K			Sn	18 08 38.5	+0.1
PCA	Pinnacle	2.00 308	Pn	18 08 12.2	+0.2
PCA			Sn	18 08 39.2	-0.3
SIT	Sitka	2.08 152	Pn	18 08 12.7	-0.2
SIT			IAML	18 08 46.2	
WHY	Whitehorse	2.10 32	Pn	18 08 14.4	+1.1
WHY	Whitehorse	2.10 32	Pn	18 08 14.2	+0.9
WHY			Pg	18 08 16.3	+0.1
WHY			Sn	18 08 40.0	+0.5
WHY			Sb	18 08 43.6	+1.2
YUK6	Outpost Mounta	2.15 344	Pn	18 08 14.6	+0.5
YUK6			Sn	18 08 42.4	+1.6
SAHM	Samovar Hills	2.24 305	Pn	18 08 16.1	+0.8
SAHM			Sn	18 08 35.0	+0.5
YUK5	Granite Creek	2.27 351	Pn	18 08 16.2	+0.5
O28M	Mount Upton	2.44 322	Pn	18 08 19.0	+0.9
O28M			Sn	18 08 49.6	+1.5
Q32M	Nakina River	2.52 86	Pn	18 08 19.7	+0.6
Q32M			IAML	18 09 05.9	
Q32M			IAML	18 09 09.6	
Q32M	Nakina River	2.52 86	Pn	18 08 20.0	+0.9
Q32M			Sn	18 08 50.5	+0.6
P33M	Teslin, Yukon	2.56 57	Pn	18 08 20.4	+0.8
P33M			IAML	18 08 58.5	
P33M			IAML	18 08 58.9	
P33M	Teslin, Yukon	2.56 57	Pn	18 08 20.2	+0.6

P33M	Table Mountain	2.56 309	Sg	18 08 57.0	+1.5
TABL			Pn	18 08 20.7	+0.9
TABL			IAML	18 08 55.8	
TABL	Table Mountain	2.56 309	Pn	18 08 20.4	+0.6
TABL			Sn	18 08 53.5	+2.4
RKAV	Rock Avalanche	2.57 305	Pn	18 08 20.7	+0.9
RKAV			Sn	18 08 53.1	+1.9
N30M	Aishik Lake	2.57 0	Pn	18 08 20.9	+1.1
N30M			IAML	18 08 58.6	
N30M			IAML	18 09 10.1	
N30M	Aishik Lake	2.57 0	Pn	18 08 20.6	+0.8
YUK4	Talbot Arm	2.57 343	Pn	18 08 22.2	+2.3
YUK4			Sn	18 08 54.7	+3.4
N31M	Braeburn, Yuko	2.68 14	Pn	18 08 22.7	+1.5
N31M	Braeburn, Yuko	2.68 14	Pn	18 08 22.8	+1.5
N31M			Sn	18 08 54.8	+1.0
YUK8	Steele Glacier	2.74 332	Pn	18 08 23.7	+1.5
YUK8			Sn	18 08 56.8	+1.1
LOGN	Logan Glacier	2.75 316	Pn	18 08 23.3	+0.8
LOGN			IAML	18 09 03.3	
LOGN	Logan Glacier	2.75 316	Pn	18 08 23.4	+1.0
LOGN			Sn	18 08 56.9	+1.2
YAH	Yantse	2.77 304	Pn	18 08 23.7	+1.0
YAH			IAML	18 09 03.8	
YAH			IAML	18 09 06.1	
MESA	MESA	2.78 300	IAML	18 09 03.4	
MESA			IAML	18 09 21.8	
MESA			IAML	18 09 21.8	
MESA			Pn	18 08 24.1	+1.4
CTGM	Chitina Glacie	2.97 316	Pn	18 08 26.8	+1.6
CTGM	Chitina Glacie	2.97 316	Pn	18 08 26.6	+1.3
CTGM			Sn	18 09 02.2	+1.3
GRNC	Granite Creek	2.98 310	IAML	18 08 26.0	+0.5
GRNC			IAML	18 09 06.3	
GRNC	Granite Creek	2.98 310	Pn	18 08 26.2	+0.7
GRNC			Sn	18 09 01.1	-0.2
N32M	Quiet Lake	3.04 40	Pn	18 08 27.0	+0.9
ISLE	Juniper Island	3.15 305	Pn	18 08 28.6	+0.9
ISLE			IAML	18 09 12.2	
ISLE			IAML	18 09 13.1	
SNH	Sunshine Point	3.18 296	Pn	18 08 28.8	+0.6
SNH			IAML	18 09 26.2	
SNH			IAML	18 09 28.0	
R33M	Jennings River	3.21 78	Pn	18 08 28.9	+0.3
R33M			IAML	18 09 25.4	
R33M	Jennings River	3.21 78	Pn	18 08 29.4	+0.8
R33M			Pg	18 08 36.1	+0.9
R33M			Sn	18 09 07.5	+0.7
R33M			Sg	18 09 18.0	+3.7
S34M	Telegraph Cree	3.30 105	IAML	18 08 30.2	+0.4
S34M			IAML	18 09 28.5	
S34M	Telegraph Cree	3.30 105	Sg	18 09 20.8	+4.0
KIAG	Kiagna River	3.33 310	Pn	18 08 31.4	+1.1
KIAG			Sn	18 09 11.3	+1.3
BALM	Baldy	3.39 311	Pn	18 08 32.3	+1.2
BALM			Pg	18 08 39.8	+1.5
YUK2	Tana Glacier	3.43 305	Pn	18 08 32.6	+0.9
YUK2	White River	3.44 329	Pn	18 08 34.9	+1.5
YUK2			Sn	18 09 13.5	+0.9
YUK2			Sg	18 09 25.6	+4.7
U33K	Wheale Pass	3.53 141	IAML	18 08 32.7	-0.1
U33K			IAML	18 09 37.7	
U33K	Wheale Pass	3.53 141	Pn	18 08 34.1	+1.3
PTPK	Patty Peak	3.53 313	Pn	18 08 34.3	+1.2
CRQM	Crinqu	3.56 304	Pn	18 08 34.7	+1.2
CRQM			IAML	18 09 32.9	
CRQM			IAML	18 09 37.8	
SUCK	Suckling Hills	3.59 292	IAML	18 09 49.1	
SUCK			IAML	18 09 53.9	
M29M	Somme Creek	3.62 350	IAML	18 09 34.0	
M29M			IAML	18 09 35.7	
M29M	Somme Creek	3.62 350	Pn	18 09 35.6	+1.4
M29M			Sn	18 09 17.6	+0.6
M30M	Minto, Yukon	3.69 2	IAML	18 09 29.9	+3.9
M30M			IAML	18 09 34.9	
M30M	Minto, Yukon	3.69 2	Pn	18 09 34.8	
M30M			Pn	18 08 36.1	+0.9
DLBC	Dease Lake	3.73 94	Pn	18 08 34.9	+0.7
DLBC			IAML	18 09 48.9	
DLBC	Dease Lake	3.73 94	Pn	18 08 36.4	+0.7
DLBC			Sn	18 09 21.2	+1.4
DLBC			Sn	18 09 34.9	+5.5
FARO	Faro, Yukon	3.83 27	Pn	18 08 37.9	+0.9
FARO			Sn	18 09 23.1	+1.1
MCARA	McCarthy VSAT	3.86 313	IAML	18 09 43.3	
MCARA			IAML	18 09 44.3	
MCARA	McCarthy VSAT	3.86 313	Pn	18 09 44.5	
KAIM	Kayak Island	3.87 289	IAML	18 09 45.5	
KAIM			IAML	18 10 04.7	
KAICY	Beaver Creek	3.98 334	Pn	18 08 40.2	+1.1
BVCY	Craig	4.07 146	Pn	18 08 42.6	-3.0
CRAG			Sg	18 08 40.2	0.0
CRAG			IAML	18 09 52.0	
CRAG			IAML	18 09 57.7	
T35M	Bob Quinn	4.13 115	Sg	18 09 46.2	+5.4
M27K	Edge Creek, AK	4.19 328	IAML	18 09 59.6	
M27K			IAML	18 10 12.9	
M27K	Edge Creek, AK	4.19 328	Pn	18 08 43.5	+1.5
L29M	L29M	4.25 354	Pn	18 08 44.2	+1.4
M26K	Nabesna, AK	4.55 323	Pn	18 08 46.8	+1.7
N25K	Chitina, Valde	4.61 309	Pn	18 08 49.4	+1.6
V35K	Ketchikan	4.67 138	Pn	18 08 49.1	+0.6
BCAR	Beaver Creek A	4.76 333	Pn	18 08 51.1	+3.3
L27K	Beaver Creek B	4.76 333	Pn	18 08 53.4	+1.4
MID	Middleton Isla	4.78 280	Pn	18 08 50.8	+0.9
Q23K	Middleton Isla	4.78 280	Pn	18 08 50.8	+0.8
K29M	Barlow Dome	4.97 358	IAML	18 10 22.7	
K29M			IAML	18 10 34.0	
K29M	Barlow Dome	4.97 358	Pn	18 08 54.3	+1.6
K29M			Sn	18 09 49.5	-0.7
KLU	Klutina	5.1			

Table with columns: Name, RA, Dec, Az, El, SNR, and other parameters. Includes entries like MANT, KULA, AFYON, ZAKROS, etc.

Table with columns: Name, RA, Dec, Az, El, SNR, and other parameters. Includes entries like BRTR, NEO, THAS, KDZE, etc.

Table with columns: Name, RA, Dec, Az, El, SNR, and other parameters. Includes entries like VRAC, KBA, KEST, BIAO, etc.

VIE 12:18:14.22.90.1, 47.34N:11.05E, h6km, mb2.1/15, ml2.6/18, Error ellipse: s-maj=1.1km s-min=0.7km az=9.0 felt 4 ems98 North of Telfs / Tyrol 4 km NNW of Telfs ROM 12:18:14.23.0.3, 47.34N:11.02E, h10km, ML2.5/30, Error ellipse: s-maj=2.5km s-min=1.3km az=358.0 STR 12:18:14.23.2.1, 47.17N:6.11E, h5km, MLV3.1/35, Error ellipse: s-maj=0.0km s-min=0.0km az=62.1, preliminary BGR 12:18:14.24.5.0, 47.37N:11.04E, h10km, ML2.7/25, Error ellipse: s-maj=3.3km s-min=2.2km az=70.0 BUG 12:18:14.24.9.0, 47.36N:11.02E, h9km, MD3.2/13, ML3.6/14 PRU 12:18:14.24.1, 47.44N:11.08E, h4km LDG 12:18:14.24.9.0.1, 47.41N:11.02E, h4km, M13.0/20, Error ellipse: s-maj=2.7km s-min=2.1km az=166.0 3.9m, 1.1s ISC 12:18:14.23.0.0, 47.36N:11.04E, 0.01, h10km, 5km, n182, 016G/253, 1D, Austria Code Station Name Az El Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SMF, VIVF, SMRF, LMR, BSTF, SSF, RUSF, ARTF, AVF, COLF, AGO, BGF, LBL, LASF, LASF, VERF, TCF, CAF, MTLF, FLN, SJPF.

THE 12 18:17:47.7, 36:34N, 28:90E, h1km, 13km, ML2.2/1, Error ellipse: s-maj=31.6km s-min=1.5km az=126.0
ISK 12 18:17:49.7, 36:48N, 28:73E, h5km, ML2.6/16
AFAD 12 18:17:50.0, 36:45N, 28:71E, h7km, 1km, ML2.5
ISC 12 18:17:50.6, 1.3, 36:47N, 28:72E, h5km, 1.0km, n28, n31, r102/46, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like FETY, DALY, MRSB, ARG, CAME, AKAS, YER, KNIK, MULA, DAT, YAZI, APMSY, DNIZ, BODT, AKUM, AKUM, KORT, INCE, NAZL, AYBD, BRDR, BRDR, BASM.

NEIC 12 18:37:23.9, 1.2, 18:31S, 0.2, 178:3W, 0.1, h550km, 9km, mb4.2/14, Error ellipse: s-maj=28.5km s-min=10.2km az=142.0
IDC 12 18:37:24.3, 1.6, 18:31S, 178:35W, h560km, 1.7km, mb3.1/6, mbmp4.0/7, Error ellipse: s-maj=24.3km s-min=16.9km az=167.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MSVF, URZ, THZ, FOZ, LBZ, MLK, STKA, BBOO, WBR, WRA, AS31, ASAR, ASAR, KSM.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAR, KNRA, SBA, QSPA, BELA, RIDG, TXAR, PDAR, AKASO, BURAR, SHEL, GERES.

NEIC 12 18:50:57.3, 1.4, 18:1S, 0.1, 178:3W, 0.1, h543km, 7km, mb4.4/13, Error ellipse: s-maj=21.4km s-min=16.1km az=130.0
IDC 12 18:50:59.0, 1.1, 18:09S, 178:37W, h562km, 9km, mb3.5/13, mbmp4.4/15, Error ellipse: s-maj=17.6km s-min=10.3km az=146.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MSVF, AF, NIUE, FUNA, RAO, PINN, DZM, KOUNC, MOZ, INZ, URZ, BKZ, BFZ, MRZ, TCW, QWZ, PLWZ, THZ, KHZ, INZ, MQZ, MLZ, ARMA, CTAO, CAN, TOO, COEN, STKA, BBOO, WBR, WRA, WRA, WRA, AS31, ASAR, ASAR, ASAR, ASAR, MTN, FORT, FITZ, SOEI, PSAAO, SBA, MJAR, MAJO, KKM, ADK, UGM, NIKH, JKA, QSPA, WBR, UNV, SSB, TPUB, KSM.

ISC 12 18:50:57.0, 0.4, 18:17S, 0.0, 178:20W, 0.0, h550km, n419, r09/79/397, mb4.4/4, 16C-18D, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAR, KNRA, SBA, QSPA, BELA, RIDG, TXAR, PDAR, AKASO, BURAR, SHEL, GERES, ASAR, KNRA, SBA, QSPA, BELA, RIDG, TXAR, PDAR, AKASO, BURAR, SHEL, GERES.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PETK, CHNA, SDPT, S12K, KSRS, SPIA, S14K, CHGN, CHIR, SII, R17L, OHAK, R18K, TPFO, O17K, O14K, O15K, O16K, YBH, KDAD, P16K, M11K, O18K, N14K, P17K, O16K, O17K, M14K, M14K, M15K, N16K, KVN, O18K, O18K, TPH, TPH, P19K, L14K, L14K, N17K, J05D, J05D, BNX, M16K, M16K, ILSW, HOM, K13K, N18K, N18K, L15K, O20K, BRK, BRK, BRSE, PINE, PINE, N19K, L16K, L16K, L16K, M17K, M17K, M17K, R11B, B15K, K15K, M18K, SEW, J14K, WVOR, L17K, O22K, N20K, GAMB, I07A, I07A, L18K, L18K, M19K, M19K.

12d 18h

2018 SEP

856

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like J08A, K17K, L19K, M20K, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like SKAG, T35M, YUK8, M26K, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like E20K, G24K, I27K, G25K, etc.

Table with columns: YJA, comp, IAML, 20 48 25.1, 20 47 51.6 +0.2, 20 48 22.1 -0.5, 20 47 51.9 +0.5, 20 48 22.9 +0.2, 20 48 25.4, 20 47 51.8 +0.4, 20 48 21.9 -0.8, 20 48 25.4, 20 47 55.7 +2.0, 20 47 53.6 +0.1, 20 47 54.0 +0.5, 20 48 26.6 +0.3, 20 48 29.2, 20 47 53.7 +0.2, 20 48 25.1 -1.3, 20 48 26.4, 20 47 53.2 -0.6, 20 48 24.2 +0.4, 20 47 57.1 +0.2, 20 48 29.4, 20 47 54.3 +0.4, 20 48 26.0 -0.9, 20 48 28.8, 20 47 56.0 -0.6, 20 47 56.6 0.0, 20 47 57.3 +0.7, 20 48 31.4 -0.6, 20 48 38.3, 20 47 57.3 +0.7, 20 48 34.5, 20 48 04.8 +0.7, 20 48 07.6 +0.4, 20 48 08.0 +0.8, 20 48 13.4 +2.5, 20 48 09.9 -0.6, 20 48 11.7 0.0, 20 48 08.1 -1.1, 20 48 15.5 +2.0, 20 48 15.3 +1.1, 20 48 03.5 -5.7, 20 48 17.6 +2.3, 20 48 17.2 -1.0, 20 48 20.6 +1.9, 20 48 18.6 -0.7, 20 49 08.6 -4.1, 20 48 19.2 -0.1, 20 49 10.8 -1.9, 20 48 24.2 +2.0, 20 48 20.6 +1.9, 20 48 23.9 +1.8, 20 49 18.9 +1.1, 20 48 24.0 +1.8, 20 48 24.2 +2.0, 20 48 30.1 +1.2, 20 49 04.3 +1.3, 20 48 34.2 -1.8, 20 48 44.2 +2.2, 20 48 47.3 -3.9, 20 50 04.9 -5.3, 20 48 53.0 -1.1, 20 48 56.1 -3.2, 20 48 56.0 -6.3, 20 49 01.1 -2.6, 20 50 25.1 -7.7, 20 49 07.0 -3.7, 20 49 19.7 0.0, 20 49 19.5 -1.2, 20 49 20.3 -5.1, 20 49 24.2 -3.1, 20 49 25.0 -2.3, 20 49 18.0 -2.4, 20 49 34.4 -4.3, 20 49 36.6 -3.0, 20 49 38.9 -0.7, 20 49 39.6 -1.2, 20 49 39.9 -1.0, 20 51 47.5 +6.1, 20 49 40.9 +0.1, 20 49 41.1 +0.5, 20 49 44.6 -1.9, 20 49 44.9 -1.6, 20 49 46.2 -1.2, 20 49 54.3 -0.2, 20 50 01.9 +1.3, 20 50 02.1 -2.1, 20 50 04.5 -0.3, 20 50 03.7 -2.2, 20 50 02.2 -1.7, 20 50 06.8 -1.5, 20 50 09.9 +0.6, 20 50 07.5 -2.0, 20 50 09.9 -1.0, 20 50 10.0 -0.9, 20 50 10.1 -1.9, 20 50 10.1 -2.0, 20 50 13.5 -1.3, 20 50 20.2 -0.7, 20 50 21.5 -0.3, 20 50 22.3 -1.1, 20 50 32.7 -1.1, 20 50 36.7 +0.4, 20 50 37.1 0.0, 20 50 37.4 -0.6, 20 50 39.1 0.0, 20 50 41.1, 20 50 38.6 -0.6, 20 50 40.5 +0.2, 20 50 43.1 -0.9, 20 50 43.6 -1.4, 20 50 43.1 -2.6, 20 50 52.3, 20 50 50.2 -1.4, 20 50 51.5, 20 50 50.2 -1.4, 20 50 56.1 +0.1, 20 51 04.2 -0.9, 20 51 04.2 +1.3, 20 51 05.1 +0.3, 20 51 06.2 0.0, 20 51 08.4 -0.2, 20 51 13.8 -0.3, 20 51 15.0 -1.0, 20 51 15.5 -1.9, 20 51 22.1, 20 51 16.2 -2.9, 20 51 19.9 +0.8, 20 51 21.8 -1.2, 20 51 29.3 +1.1, 20 51 55.2, 20 57 03.1 +3.6

Table with columns: VNA1, VNA2, TXAR, SNA, SNA, TROLL, GSPA, PDAR, ULM, NVAR, TORD, YBH, ESCD, YKA, ASAR, WRA, WRA, KURB, ZALV, MKAR, SONM, IDC 12 21:05:40.55.1, 17:17S:174:39W, h225km,39km, mb3.7/5, mbmp4.2/6, MS3.8/1, Error ellipse: s-maj=46.6km s-min=27.0km az=92.0, ISC 12 21:05:37.1-2.0,172S:02.1742W:0.3, h200km,n6, Code, Station Name, Delta, Az, Phase ID, Time, Res, MSFV, URZ, STKA, WRA, WRA, ASAR, PETK, KRNET, ISC 12 21:06:48.52.2,39.47N,0.10:172E:0.07,h10km,n16, Code, Station Name, Delta, Az, Phase ID, Time, Res, NRR, NRN, KDJ, KDJ, SFK, PRZ, PRZ, BOOM, ARLS, ARLS, UCH, UCH, KBK, KBK, TKM2, TKM2, TKM2, MDOK, MDOK, AML, AML, AAK, AAK, CHMS, CHMS, EKSE, EKSE, PDGK, PDGK, DJA, DJA, KLAN, KLAN, PLAI, PLAI, SRBI, SRBI

Table with columns: JAGI, JAGI, WBSI, WBSI, GUMU, GUMU, KRKI, KRKI, BASI, BASI, GRJI, GRJI, PWJI, PWJI, BWJI, BWJI, BSSI, BSSI, MKS, MKS, BKSI, BKSI, KAPI, KAPI, CATA, SNET, ISC, Code, Station Name, Delta, Az, Phase ID, Time, Res, TECA, COEG, COEG, TGUH, TGUH, HERN, HERN, JAYA, JAYA, MOMN, MOMN, RCVN, RCVN, MTO3, MTO3, NUBE, NUBE, ISC 12 22:32:36.9.6.4, 9:13S:12.34W, h0km, mb4.2/6, mbmp4.1/7, ML3.6/1, MS3.2/2, Error ellipse: s-maj=228.6km s-min=31.2km az=148.0, Ascension Island region, Code, Station Name, Delta, Az, Phase ID, Time, Res, DBIC, DBIC, TORD, TORD, MATP, MATP, GERES, GERES, ROSC, ROSC, FINES, FINES, ARCES, ARCES, TXAR, TXAR, IDC 12 22:32:37.2-0.6, 3:90S:151:50E, h0km, mb4.7/25, mbmp4.7/27, ML2.2/1, MS4.3/50, Error ellipse: s-maj=24.1km s-min=12.6km az=99.0, BJI 12 22:32:37.4-0.0, 3:71S:152:00E, h18km, mb4.8/64, mb5.3/33, MS4.8/56, MS7.4/67, MOS 12 22:32:38.8-0.9, 3:77S:151:46E, h18km, mb5.2/36, MS4.4/4, Error ellipse: s-maj=10.5km s-min=5.9km az=105.3, NEIC 12 22:32:39.3, 3:59S:151:54E, h12km, Moment Tensor Solution, Duration: 159 Moment tensor: Scale 10^16Nm, Mrr:1.56; Mss:6.49; Mtt:1.55; Mss:0.73; Mrr:-1.18; Fault plane solution: Mo:6.11000x10^16 NP1: phi:309.59000; theta:83.89000; lambda:20.99000; NP2: phi:41.92000; theta:68.14000; lambda:173.64000; Principal axes: 6.7976, 1.1760000, -1.3307000; Azm:6.0000; Azm:114.0000; P: -5.4169; P: 19.0000; P: 264.0000; NEIC 12 22:32:39.3, 1.1, 3:81S:0.07:151:62E, h10km, mb5.3/125, Mmw5.1/19 Error ellipse: s-maj=13.1km s-min=8.0km az=39.0, NEIC 12 22:32:39.3, 3:79S:151:64E, h12km, GCMT 12 22:32:42.3-0.1, 3:67S:0.01:151:52E:0.01, h12km, MW5.2/134, Moment Tensor Solution, s72, c104, s134, c237; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr:-1.43; Mss:1.10; Mtt:0.73; Mrr:-1.11; Mss:0.94; Mtt:1.30; Best double couple: Mrr:847000; Mss:3070000; Mtt:8700000; lambda:1.760000; NP2: phi:307.0000; theta:86.0000; Azm:1.30000; Principal axes: T:7.6470; P:19.0000; Azm:172.0000; N:-1.4010; P:85.0000; Azm:69.0000; P:-6.2460; P:5.0000; Azm:262.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, DJA 12 22:32:50.9.1, 3.4 S:5.15 E:1.1, h102km, M5.0/42, mb5.6/18, mb5.0/42, MLv5.1/1, Mw(MB)5.1/18, ISC 12 22:32:40.6-0.2, 3:89S:0.04:151:67E:0.04, h21km, n655, phi:153/653, mb0.5/2145, MS4.5/73, 15C, 20 New Ireland region, Code, Station Name, Delta, Az, Phase ID, Time, Res

Table with columns: I40PG, Kerawat, 0.53 140, Pn, Pb, 22 32 52.2 +0.9, etc. Lists various stations and their coordinates.

Table with columns: MYLDM, Lahad Datu, 34.34 285, P, P, 22 39 26.1 -0.1, etc. Lists stations in Lahad Datu and other locations.

Table with columns: TIA, Taian, 51.32 324, P, S, 22 41 45.4 +1.9, etc. Lists stations in Taian and other locations.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like ANotteega Mo, CHUM Lake Minchumin, CUT Chulitna, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like POKR Poker Plat Res, B21K Iklpikuk River, E22K Anaktuvuk Pass, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like S32K Killisnoo, L29M L29M, I28M Miner Creek, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UPI Uppington, AUGR Augrabies, ARMS Ukamas, etc.

ADC 12 22:38:52.2, 2.3, 3.9S, 150.60E, h0km, mb3.6/4, mbtmp3.7/4, Error ellipse: s-maj=111.3km s-min=30.3km az=119.0, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAVA Damules, LVC Limon Verde, VRAC Vranoy, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like K20K Telida, YKA Yellowknife Arr, ILAR Eielson Array, etc.

12d 22:57:05.1±2.1, 3.86S:151.31E, h0km, mb3.6/4, mb2mp3.6/4, MS3.5/6, Error ellipse: s-maj=97.6km s-min=29.5km az=119.0, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, DZM Mont Dzumac, ASAR Alice Springs, etc.

DJA 12 23:05:12.0±0.4, 4°N, 2°9'6"E, h10km, M4.5/12, mb4.8/3, mB5.3/1, MLV4.4/12, Mw(mB)4.7/1

NEIC 12 23:05:12.7±1.8, 4.09N, 0.02E, 96.42E±0.10, h25km, 7km, mb4.2/14, Error ellipse: s-maj=14.7km s-min=3.5km az=90.0

12 23:05:22.1±12.0, 4.32N, 96.65E, h116km, 106km, mb3.6/7, mb2mp4.0/8, Error ellipse: s-maj=97.8km s-min=16.5km az=52.0

ISC 12 23:05:13.9±0.6, 4.14N, 0.04E, 96.49E±0.06, h35km, n51, ±138.52, mb4.0/12, Northern Sumatera

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MLSI Meulaboh, Aceh, LHMI Lhok Sumawe, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like QSPA South Pole Qui, IDC 12 23:13:11.6±8.6, 5.52S:149.66E, etc.

NEIC 12 23:14:51.8±1.4, 6.0°92N, 0°02:150.91W, 0.04, h59km, 7km, Error ellipse: s-maj=4.3km s-min=1.4km az=223.0

AEIC 12 23:14:52.5±1.5, 6.0°90N, 0.03:150.86W, 0.05, h35km, 6km, ML3.3, ML3.5/170(NC), Error ellipse: s-maj=3.8km s-min=3.2km az=204.0, Kenai Peninsula

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAPN Captain Cook N, FIS Fire Island, SUA Susitna One, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ISPARTA, KULA, GMLD, GORDES-MANISA, UZMIR, CHIOS.

IDC 13 01:49:21.7±1.3, 34.29S:178.45W, h0km, mb4.0/3, mbtmp4.0/4, ML3.7/1, Error ellipse: s-maj=34.1km s-min=31.1km az=82.0

NEIC 13 01:49:24.0±0.5, 34.42S:0.06E:178.6W:0.2, h10km, 2km, mb4.3/7, Error ellipse: s-maj=24.4km s-min=7.3km az=72.0

WEL 13 01:50:20.7, 38.53S:38.17E:2.6, h23km, 31km, M2.2/6, ML2.4/7, MLV2.2/6, Error ellipse: s-maj=0.1km s-min=0.0km az=3.2

ISC 13 01:49:24.0±1.1, 34.4AS:0.1±178.5W:0.2, h10km, n31, ±0.95Z/23, mb4.2/2, South of Kermadec Islands

Main table for the first section, listing station data for various stations like MATAKAOA POINT, MATAKAOA POINT, PAKIHIROA, etc.

IDC 13 02:06:12.4±1.8, 4.17N:123.35E, h0km, mb4.1/4, mbtmp4.1/4, Error ellipse: s-maj=29.1km s-min=20.2km az=63.0

NEIC 13 02:06:57.3±1.5, 3.5N:0.1±122.77E:0.08, h461km, 11km, mb4.3/16, Error ellipse: s-maj=20.2km s-min=9.1km az=200.0

ISC 13 02:06:55.9±0.7, 3.5N:0.1±122.8E:0.2, h450km, n23, ±0.95Z/23, mb4.1/12, Cebeles Sea

Main table for the second section, listing station data for stations like KUNUNURRA, FITZ, WARRAMUNGA ARR, etc.

IDC 13 02:23:19.5±0.5, 33.53N:144.63E, h95km, 4km, mb3.9/16, mbtmp4.2/16, MS3.1/3, Error ellipse: s-maj=18.5km s-min=13.7km az=80.0

NEIC 13 02:23:19.7±1.3, 33.45N:0.09E:144.6E:0.1, h95km, 2km, mb4.5/68, Error ellipse: s-maj=16.7km s-min=13.4km az=103.0

ISC 13 02:23:19.6±0.4, 33.39N:0.09E:144.71E:0.1, h100km, n124, ±0.8Z/21, mb4.5/60, 1C-1D, Mariana Islands

Main table for the third section, listing station data for stations like GUAMO, PATS, WAKE ISLAND HY, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WAKE ISLAND HY, WAKE ISLAND HY, WAKE ISLAND HY.

IDC 13 02:38:45.6±1.6, 34.38S:178.53W, h0km, mb4.1/3, mbtmp4.0/4, ML3.5/1, MS3.4/1, Error ellipse: s-maj=37.1km s-min=31.8km az=59.0

NEIC 13 02:38:47.5±1.1, 34.41S:0.06E:178.47W:0.08, h10km, 1km, mb4.3/7, Error ellipse: s-maj=13.2km s-min=8.1km

Main table for the fourth section, listing station data for stations like WAKE ISLAND HY, WAKE ISLAND HY, WAKE ISLAND HY, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EIELSON ARRAY, EIELSON ARRAY, EIELSON ARRAY.

IDC 13 02:38:45.6±1.6, 34.38S:178.53W, h0km, mb4.1/3, mbtmp4.0/4, ML3.5/1, MS3.4/1, Error ellipse: s-maj=37.1km s-min=31.8km az=59.0

NEIC 13 02:38:47.5±1.1, 34.41S:0.06E:178.47W:0.08, h10km, 1km, mb4.3/7, Error ellipse: s-maj=13.2km s-min=8.1km

Main table for the fifth section, listing station data for stations like EIELSON ARRAY, EIELSON ARRAY, EIELSON ARRAY, etc.

IDC 13 02:38:45.6±1.6, 34.38S:178.53W, h0km, mb4.1/3, mbtmp4.0/4, ML3.5/1, MS3.4/1, Error ellipse: s-maj=37.1km s-min=31.8km az=59.0

az=45.0
WEL 13 02:39:45.3, 38.539, 17.8E:2.6, h13km, 27km, M2,2/7,
ML2.3/8, MLV2.2/7, Error ellipse: s-maj=0.1km
s-min=0.0km az=0.8

ISC 13 02:38:47.2, 0.8, 34.38S:0.09:178.5W:0.1, h10km, n37,
0.091/37, mb4.2/7, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MZK, MXZ, PKGZ, HAZ, RUGZ, TWGZ, CNGZ, MWZ, RAO, URZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include URZ, PRGZ, SNGZ, RTZ, MTHZ, BKZ, MRZ, CTZ, KHZ, INZ, ODZ, STKA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AS31, ASAR, ASAR, ASAR, WB2, WRA, WRA, WBO, FORT, QSPA, QSPA, QSPA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HFO, SNA, SNA, FINES, TORO, TORO, TORO, etc.

GII 13 02:43:45.0, 4.0, 35.915N:0.005:35.293E:0.001,
h1km, Mws2.4, confirmed
AFAD 13 02:43:46.0, 0.0, 35.95N:35.85E, h14km, 2km, MW3.1
ISK 13 02:43:47.6, 36.13N:35.67E, h8km, ML2.4/4.1
GRAL 13 02:43:48.0, 0.3, 35.82N:35.67E, h0km, 4km, MD3.4
ISC 13 02:43:45.9, 1.1, 35.91N:0.02:35.82E:0.03, h16km, gkm,
n56, 0.1912/75, Jordan-Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ASUZ, TAHT, RHAN, RHAN, YURE, YURE, HASA, HASA, KUZU, DED, EREN, KAMA, KAMZ, KIZK, KOZT, AKO, AKO, AKO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SILI, GULE, GULE, HWQ, HCB, KHMR, GAZ, ANDN, FKH, IKL, KEBE, KMRS, AKKU, CMRD, TEVE, BHL, ZAH1, ZAH2, DQRL, QRWL, CRWL, RCVY, SARI, SHBL, SHBL, NATI, NATI, GEM, MIMC, MIMC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LDUT, EDH, EDH, CHKT, CHKH, CHKH, ECS, ECU, TTN, TTN, FULB, FULB, ECBN, ECBN, LONT, LONT, EHD, EHD, TWGBT, TWGBT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JMA, TAP, ASIES, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LDUT, EDH, CHKT, CHKH, ECS, ECU, TTN, FULB, ECBN, LONT, EHD, TWGBT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LDUT, EDH, CHKT, CHKH, ECS, ECU, TTN, FULB, ECBN, LONT, EHD, TWGBT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MMAOB, MMAOB, MMB1, KSHT, KSHT, SHMU, MMLL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include VLAKE, VLAKE, DVP, DVP, DZM, DZM, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DBG, DBG, DBG, DBG, DAG, DAG, DAG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SUMG, LSF, HSPB, HSPB, BRBA, BRBA, BRBA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KBS, KBS, STEI, SPAO, SPAO, SPAO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include STOK, STOK, FAUS, TRO, TRO, NOR, NOR, MOR, MOR, etc.

JMA 13 03:02:09.1, 0.3, 22.82N:0.8:121.8E:1.0, h23km, MV3.4/9,
TAIWAN REGION
TAP 13 03:02:10.5, 22.83N:121.71E, h16km, ML3.7, C
ASIES 13 03:02:10.5, 22.83N:121.71E, h16km, ML3.7, Mw3.5,
Moment Tensor Solution. Moment tensor: Scale 10^21Nm;
Mn:0.70; Mm:0.82; Mpp:1.52; Mm:1.05; Mm:0.47; Mm:0.59;
Fault plane solution: M0:1.84764x10^21 NP1:
0.207.050000, 870.210000, 138.790000. NP2:
0.313.570000, 851.690000, 125.560000. Principal axes: T
Plg42.6670, Azm163.3960; N Plg45.0620, Azm5.9200;
P Plg11.4760, Azm264.1810;
ISC 13 03:02:09.1, 1.1, 22.82N:0.02:121.74E:0.03, h14km, 8km,
n110, 0.093/134, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LDUT, EDH, CHKT, CHKH, ECS, ECU, TTN, FULB, ECBN, LONT, EHD, TWGBT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LDUT, EDH, CHKT, CHKH, ECS, ECU, TTN, FULB, ECBN, LONT, EHD, TWGBT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LDUT, EDH, CHKT, CHKH, ECS, ECU, TTN, FULB, ECBN, LONT, EHD, TWGBT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TWGBT, TWG, TWG, EYUL, TWFI, YULB, YULB, HGSD, EHYH, ELDTW, ECL, ECL, EHY, EHY, LAY, LYUB, TAW, TAWH, EAST, WARBT, WARBT, STYH, SHUL, SHUL, TSMG, SLGT, ESL, ESL, MASBT, TEYL, SLIU, VVWD, SGST, ALS, WTP, TPUB, TPUB, SCZT, SCST, ETM, CHNI, WHYT, SSSL, SSSL, SNST, WCKO, TWMI, LXIB, LXIB, TWKB, HEN, TWK, OWD, CHN3, WUSB, ETL, CHGB, CHGB, TYC, NACB, NACB, CHY, WHF, EOSA, EOSA, ETLH, WDLH, WNT, WNT, ICHU, FUSS, FUSS, EAHA, CHN8, WTK, TWFT, TDCB, EOSA, TSCK, TSCK, ENA, EWUT, EWUT, WHP, NNSB, EOSA, LATG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TWGBT, TWG, TWG, EYUL, TWFI, YULB, YULB, HGSD, EHYH, ELDTW, ECL, ECL, EHY, EHY, LAY, LYUB, TAW, TAWH, EAST, WARBT, WARBT, STYH, SHUL, SHUL, TSMG, SLGT, ESL, ESL, MASBT, TEYL, SLIU, VVWD, SGST, ALS, WTP, TPUB, TPUB, SCZT, SCST, ETM, CHNI, WHYT, SSSL, SSSL, SNST, WCKO, TWMI, LXIB, LXIB, TWKB, HEN, TWK, OWD, CHN3, WUSB, ETL, CHGB, CHGB, TYC, NACB, NACB, CHY, WHF, EOSA, EOSA, ETLH, WDLH, WNT, WNT, ICHU, FUSS, FUSS, EAHA, CHN8, WTK, TWFT, TDCB, EOSA, TSCK, TSCK, ENA, EWUT, EWUT, WHP, NNSB, EOSA, LATG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TWGBT, TWG, TWG, EYUL, TWFI, YULB, YULB, HGSD, EHYH, ELDTW, ECL, ECL, EHY, EHY, LAY, LYUB, TAW, TAWH, EAST, WARBT, WARBT, STYH, SHUL, SHUL, TSMG, SLGT, ESL, ESL, MASBT, TEYL, SLIU, VVWD, SGST, ALS, WTP, TPUB, TPUB, SCZT, SCST, ETM, CHNI, WHYT, SSSL, SSSL, SNST, WCKO, TWMI, LXIB, LXIB, TWKB, HEN, TWK, OWD, CHN3, WUSB, ETL, CHGB, CHGB, TYC, NACB, NACB, CHY, WHF, EOSA, EOSA, ETLH, WDLH, WNT, WNT, ICHU, FUSS, FUSS, EAHA, CHN8, WTK, TWFT, TDCB, EOSA, TSCK, TSCK, ENA, EWUT, EWUT, WHP, NNSB, EOSA, LATG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TWGBT, TWG, TWG, EYUL, TWFI, YULB, YULB, HGSD, EHYH, ELDTW, ECL, ECL, EHY, EHY, LAY, LYUB, TAW, TAWH, EAST, WARBT, WARBT, STYH, SHUL, SHUL, TSMG, SLGT, ESL, ESL, MASBT, TEYL, SLIU, VVWD, SGST, ALS, WTP, TPUB, TPUB, SCZT, SCST, ETM, CHNI, WHYT, SSSL, SSSL, SNST, WCKO, TWMI, LXIB, LXIB, TWKB, HEN, TWK, OWD, CHN3, WUSB, ETL, CHGB, CHGB, TYC, NACB, NACB, CHY, WHF, EOSA, EOSA, ETLH, WDLH, WNT, WNT, ICHU, FUSS, FUSS, EAHA, CHN8, WTK, TWFT, TDCB, EOSA, TSCK, TSCK, ENA, EWUT, EWUT, WHP, NNSB, EOSA, LATG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TWGBT, TWG, TWG, EYUL, TWFI, YULB, YULB, HGSD, EHYH, ELDTW, ECL, ECL, EHY, EHY, LAY, LYUB, TAW, TAWH, EAST, WARBT, WARBT, STYH, SHUL, SHUL, TSMG, SLGT, ESL, ESL, MASBT, TEYL, SLIU, VVWD, SGST, ALS, WTP, TPUB, TPUB, SCZT, SCST, ETM, CHNI, WHYT, SSSL, SSSL, SNST, WCKO, TWMI, LXIB, LXIB, TWKB, HEN, TWK, OWD, CHN3, WUSB, ETL, CHGB, CHGB, TYC, NACB, NACB, CHY, WHF, EOSA, EOSA, ETLH, WDLH, WNT, WNT, ICHU, FUSS, FUSS, EAHA, CHN8, WTK, TWFT, TDCB, EOSA, TSCK, TSCK, ENA, EWUT, EWUT, WHP, NNSB, EOSA, LATG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TWGBT, TWG, TWG, EYUL, TWFI, YULB, YULB, HGSD, EHYH, ELDTW, ECL, ECL, EHY, EHY, LAY, LYUB, TAW, TAWH, EAST, WARBT, WARBT, STYH, SHUL, SHUL, TSMG, SLGT, ESL, ESL, MASBT, TEYL, SLIU, VVWD, SGST, ALS, WTP, TPUB, TPUB, SCZT, SCST, ETM, CHNI, WHYT, SSSL, SSSL, SNST, WCKO, TWMI, LXIB, LXIB, TWKB, HEN, TWK, OWD, CHN3, WUSB, ETL, CHGB, CHGB, TYC, NACB, NACB, CHY, WHF, EOSA, EOSA, ETLH, WDLH, WNT, WNT, ICHU, FUSS, FUSS, EAHA, CHN8, WTK, TWFT, TDCB, EOSA, TSCK, TSCK, ENA, EWUT, EWUT, WHP, NNSB, EOSA, LATG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TWGBT, TWG, TWG, EYUL, TWFI, YULB, YULB, HGSD, EHYH, ELDTW, ECL, ECL, EHY, EHY, LAY, LYUB, TAW, TAWH, EAST, WARBT, WARBT, STYH, SHUL, SHUL, TSMG, SLGT, ESL, ESL, MASBT, TEYL, SLIU, VVWD, SGST, ALS, WTP, TPUB, TPUB, SCZT, SCST, ETM, CHNI, WHYT, SSSL, SSSL, SNST, WCKO, TWMI, LXIB, LXIB, TWKB, HEN, TWK, OWD, CHN3, WUSB, ETL, CHGB, CHGB, TYC, NACB, NACB, CHY, WHF, EOSA, EOSA, ETLH, WDLH, WNT, WNT, ICHU, FUSS, FUSS, EAHA, CHN8, WTK, TWFT, TDCB, EOSA, TSCK, TSCK, ENA, EWUT, EWUT, WHP, NNSB, EOSA, LATG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TWGBT, TWG, TWG, EYUL, TWFI, YULB, YULB, HGSD, EHYH, ELDTW, ECL, ECL, EHY, EHY, LAY, LYUB, TAW, TAWH, EAST, WARBT, WARBT, STYH, SHUL, SHUL, TSMG, SLGT, ESL, ESL, MASBT, TEYL, SLIU, VVWD, SGST, ALS, WTP, TPUB, TPUB, SCZT, SCST, ETM, CHNI, WHYT, SSSL, SSSL, SNST, WCKO, TWMI, LXIB, LXIB, TWKB, HEN, TWK, OWD, CHN3, WUSB, ETL, CHGB, CHGB, TYC, NACB, NACB, CHY, WHF, EOSA, EOSA, ETLH, WDLH, WNT, WNT, ICHU, FUSS, FUSS, EAHA, CHN8, WTK, TWFT, TDCB, EOSA, TSCK, TSCK, ENA, EWUT, EWUT, WHP, NNSB, EOSA, LATG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TWGBT, TWG, TWG, EYUL, TWFI, YULB, YULB, HGSD, EHYH, ELDTW, ECL, ECL, EHY, EHY, LAY, LYUB, TAW, TAWH, EAST, WARBT, WARBT, STYH, SHUL, SHUL, TSMG, SLGT, ESL, ESL, MASBT, TEYL, SLIU, VVWD, SGST, ALS, WTP, TPUB, TPUB, SCZT, SCST, ETM, CHNI, WHYT, SSSL, SSSL, SNST, WCKO, TWMI, LXIB, LXIB, TWKB, HEN, TWK, OWD, CHN3, WUSB, ETL, CHGB, CHGB, TYC, NACB, NACB, CHY, WHF, EOSA, EOSA, ETLH, WDLH, WNT, WNT, ICHU, FUSS, FUSS, EAHA, CHN8, WTK, TWFT, TDCB, EOSA, TSCK, TSCK, ENA, EWUT, EWUT, WHP, NNSB, EOSA, LATG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TWGBT, TWG, TWG, EYUL, TWFI, YULB, YULB, HGSD, EHYH, ELDTW, ECL, ECL, EHY, EHY, LAY, LYUB, TAW, TAWH, EAST, WARBT, WARBT, STYH, SHUL, SHUL, TSMG, SLGT, ESL, ESL, MASBT, TEYL, SLIU, VVWD, SGST, ALS, WTP, TPUB, TPUB, SCZT, SCST, ETM, CHNI, WHYT, SSSL, SSSL, SNST, WCKO, TWMI, LXIB, LXIB, TWKB, HEN, TWK, OWD, CHN3, WUSB, ETL, CHGB, CHGB, TYC, NACB, NACB, CHY, WHF, EOSA, EOSA, ETLH, WDLH, WNT, WNT, ICHU, FUSS, FUSS, EAHA, CHN8, WTK, TWFT, TDCB, EOSA, TSCK, TSCK, ENA, EWUT, EWUT, WHP, NNSB, EOSA, LATG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TWGBT, TWG, TWG, EYUL, TWFI, YULB, YULB, HGSD, EHYH, ELDTW, ECL, ECL, EHY, EHY, LAY, LYUB, TAW, TAWH, EAST, WARBT, WARBT, STYH, SHUL, SHUL, TSMG, SLGT, ESL, ESL, MASBT, TEYL, SLIU, VVWD, SGST, ALS, WTP, TPUB, TPUB, SCZT, SCST, ETM, CHNI, WHYT, SSSL, SSSL, SNST, WCKO, TWMI, LXIB, LXIB, TWKB, HEN, TWK, OWD, CHN3, WUSB, ETL, CHGB, CHGB, TYC, NACB, NACB, CHY, WHF, EOSA, EOSA, ETLH, WDLH, WNT, WNT, ICHU, FUSS, FUSS, EAHA, CHN8, WTK, TWFT, TDCB, EOSA, TSCK, TSCK, ENA, EWUT, EWUT, WHP, NNSB, EOSA, LATG, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like JNU Nakatsue, SIV San Ignacio, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arr, AKTO Aktyunsk, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like SOKA, DEL Delary, WATA Walderalm, etc.

IDC 13 03:36:14.7 1.2 2.7:89N:56.18E, h0km, mb3.9/6, mbmp3.8/7, ML3.2/1, MS3.0/1, Error ellipse: s-maj=28.3km s-min=24.4km az=110.0

OMAN 13 03:36:14.5 0.3 2.8:28N:56.55E, h10km, mb4.4/3, m3.2/16, Error ellipse: s-maj=6.2km s-min=1.8km az=358.0

DSN 13 03:36:16.3 0.8 2.7:93N:57.09E, h10km, ML3.3/7, Error ellipse: s-maj=19.0km s-min=7.0km az=123.0

TEH 13 03:36:17.9 2.0 11N:56.29E, h9km, m3.2/ML3.5, Error ellipse: s-maj=19.0km s-min=7.0km az=123.0

ISC 13 03:36:17.5 1.1 28.00N:03.56E, h2.0/4, h16km, 8km, n67, r1817/3, mb3.9/5, Southern Iran

DNK 13 03:56:12.8 1.6 51.36N:16.64E, h41km, 20km, ML2.0, IPEC 13 03:56:15.6 0.2 51.54N:16.19E, h1km, ML2.5/4, Error ellipse: s-maj=2.0km s-min=1.1km az=36.0

IDC 13 03:56:17.0 0.8 51.54N:15.96E, h0km, mbmp3.3/6, ML2.7/6, Error ellipse: s-maj=13.3km s-min=7.3km az=110.0

PRU 13 03:56:18.0 0.5 48N:16.08E, h0km, VIE 13 03:56:19.2 1.0 51.26N:15.76E, h0km, mb2.5/10, m2.5/10, Error ellipse: s-maj=6.9km s-min=5.3km az=10.0, Suspected Mining induced.

ISC 13 03:56:19.3 0.8 51.51N:16.03E, h0km, n47, r1862/93, Poland

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like GENO, KHNJ, NKRK, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like KSP, CHVC, OSTC, etc.

NEIC 13 04:03:12.1 1.1 17.83S:0.08E, h76W, 0.1, h561km, 8km, mb4.1/24, Error ellipse: s-maj=18.9km s-min=11.8km az=83.0

IDC 13 04:03:13.6 1.4 17.74S:178.81W, h574km, 15km, mb3.2/9, mbmp4.1/10, Error ellipse: s-maj=20.5km s-min=14.7km az=150.0

ISC 13 04:03:13.2 0.5 17.9S:0.1x178.65W:0.09, h579km, n53, r093/56, mb4.1/24, SC, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like MASF, MDH, ZRDN, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like BRG, RICC, PRA, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like MSVF, NIUE, RAO, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like IBAF, AJN, IMEH, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like MORC, OKC, VRAC, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like THZ, AMCZ, EIDS, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like IRAM, KLANJ, BSY, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like BVAR, MKAR, ZALV, etc.

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

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like AS31, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like JMDO, WBK, SMRA, etc.

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

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

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like KK31, KK31, AAK, etc.

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

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

IDC 13 04:06:16.0 7.2 36:06N:70.56E, h76km, 64km, mb3.6/3, mbmp3.8/8, ML3.2/5, MS2.4/1, Error ellipse: s-maj=65.3km s-min=42.1km az=142.0

NNC 13 04:06:25.8 4.8 36:81N:70.59E, h241km, 78km, mb3.0, mpv4.0, Error ellipse: s-maj=46.8km s-min=35.5km

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like RIDG, H2IK, IMAR, etc.

IDC 13 04:06:25.8 4.8 36:81N:70.59E, h241km, 78km, mb3.0, mpv4.0, Error ellipse: s-maj=46.8km s-min=35.5km

az=32.0
ISC 13 04:06:18.5±0.9, 36.25N±0.07, 70.57E±0.09, h100km, n25,
s146/32, 2C-5D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMU Jammu, THN Thein Dam, DHRM DHARAMSHALA, AML Almayashu, UCH Uchtor, etc.

NEIC 13 04:38:14.9±1.6, 14.41N±0.06, 55.4E±0.1, h10km±2km,
mb4.5/13, Error ellipse: s-maj=20.7km s-min=9.7km
az=89.0

ISC 13 04:38:15.2±1.1, 14.55N±0.05, 55.46E±0.06, mb3.9/13,
mbmp3.9/13, MS3.2/6, Error ellipse: s-maj=27.9km
s-min=22.1km az=16.0

ISC 13 04:38:15.4±0.7, 14.42N±0.10, 55.31E±0.10, h10km, n57,
s173/47, mb4.4/36, MS3.0/5, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WSAR Wadi Sarin, ATD Arta Tunnel, RAYN Ar Rayn, HRA Herat, GNI Garni, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FAGO Alcalda de S, CAHU Cacacuatique, SCLA Alcaldia de Sa, COEG Centro de Oper, etc.

JMA 13 04:47:34.6±0.8, 34.7N±2.14, 122E±1.2, h26km, MV2.6/19, FAR
SE OFF BOSO PEN

ISC 13 04:47:42.0±0.8, 34.66N±1.41, 139E±1.39E, h61km±59km, mb3.1/3,
mbmp3.2/4, ML2.0/1, Error ellipse: s-maj=113.0km
s-min=32.1km az=62.0

ISC 13 04:47:38.3±1.7, 34.6N±0.11, 141E±0.11, h27km, n15,
s077/10, mb3.3/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso 1, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, etc.

IDC 13 04:11:52.4±2.0, 17.91S±1.78, 147W, h611km±23km, mb3.1/5,
mbmp4.1/6, Error ellipse: s-maj=43.6km s-min=25.3km
az=168.0

NEIC 13 04:11:52.0±1.0, 17.9S±0.1, 178.0W±0.2, h614km±8km,
mb4.4/21, Error ellipse: s-maj=27.1km s-min=14.9km
az=110.0

ISC 13 04:11:50.6±0.9, 17.9S±0.1, 178.0W±0.1, h590km, n30,
s121/30, mb4.2/16, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, THZ Topohue, FOF Fox Glacier, CAN Canberro, etc.

ISC 13 04:42:41.7±1.5, 13.27N±0.87, 90W, h30km, ML2.7

ISC 13 04:42:41.5±0.8, 13.25N±0.04, 87.94W±0.02, h14km±5km,
n21, s042/38, Honduras

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LBTB Lobte, WATA Walderalm, SQTA Sankt Ulrik, MOTA Moosalm, etc.

ISC 13 05:00:42.1±1.0, 69.55N±0.05, 144.14W±0.07, h10km±2km,
Error ellipse: s-maj=9.1km s-min=3.4km az=333.0

ISC 13 05:00:41.8±1.0, 69.54N±0.05, 144.2W±0.1, h8km±7km,
ML3.0, ML2.9/6/6/6, Error ellipse: s-maj=8.1km
s-min=5.0km az=167.0, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCND La Caada, INTP Intipuca, PACA Pacayal, etc.

SNET 13 04:58:46.6±1.6, 13.30N±0.87, 94W, h7km, ML2.6

CATAC 13 04:58:47.5±0.3, 13.30N±0.87, 91W, h10km, ML2.5

ISC 13 04:58:46.0±0.9, 13.27N±0.05, 87.96W±0.03, h15km±6km,
n13, s048/21, Honduras

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCND La Caada, INTP Intipuca, DAVA Damuels, etc.

F26K	Sheenjek River	1.85 179	Pn	05 01 13.8	-0.9
F26K	comp=N,131nm,0.4s				
E28M	Babbag River	1.92 117	Pn	05 01 15.4	-0.2
F25K	Christian River	2.02 196	Pn	05 01 11.2	0.0
EMAR	Burnt Mountain	2.12 184	Pn	05 01 17.8	-0.7
TOLK	Toolik Lake Re	2.13 248	Pn	05 01 17.8	-0.8
TOLK	comp=E,87nm,0.6s				
C23K	Itkillik River	2.26 281	Pn	05 01 20.2	-0.2
C23K	comp=N,88nm,0.6s				
C23K	comp=N,88nm,0.6s				
D23K	Namushuk River	2.38 259	Pn	05 01 21.9	-0.1
F24K	Squaw Lake	2.44 216	Pn	05 01 22.1	-0.8
F24K	comp=E,51nm,0.4s				
E23K	Chandalar	2.47 236	Pn	05 01 23.6	+0.3
F28M	Old Crow	2.50 139	Pn	05 01 22.2	-1.5
F28M	comp=N,75nm,0.6s				
F28M	comp=N,75nm,0.6s				
E29M	Blow River	2.55 114	Pn	05 01 23.4	-0.9
E29M	comp=N,60nm,0.6s				
E29M	comp=N,60nm,0.6s				
G27K	Ooyon Strip	2.90 160	Pn	05 01 28.1	-1.0
F27K	Fort Yukon	3.01 188	Pn	05 01 30.1	-0.6
D22K	Aiyikay River	3.10 262	Pn	05 01 31.7	-0.2
E22K	Anaktuvuk Pass	3.10 247	Pn	05 01 31.2	-0.8
G24K	Hadweenzic Riv	3.10 205	Pn	05 01 31.5	-0.5
E22K	Teshekpuk Lake	3.28 289	Pn	05 01 34.5	+0.1
B22K	comp=N,34nm,1.1s				
G29M	Pine Creek	3.50 136	Pn	05 01 36.6	-0.7
G23K	Bananza Creek	3.58 220	Pn	05 01 37.5	-1.0
G23K	comp=E,25nm,0.8s				
G23K	comp=N,19nm,1.0s				
B21K	Ikpuk River	3.66 276	Pn	05 01 39.5	0.0
G30M	Aoh Zraii Nji	3.92 127	Pn	05 02 54.6	-0.5
G30M	comp=E,16nm,0.8s				
G30M	comp=N,17nm,0.9s				
H24K	Noodor Dome	3.97 202	Pn	05 01 42.9	-1.0
H24K	comp=N,16nm,0.6s				
H29M	Whitestone	3.99 144	Pn	05 01 43.3	-0.8
PRP	Porcupine Dome	4.07 188	Pn	05 01 45.2	-0.2
PRP	comp=N,16nm,0.8s				
PRP	comp=N,16nm,0.8s				
F21K	Alatna River	4.15 240	Pn	05 01 45.8	-0.5
F21K	comp=E,15nm,0.9s				
EPYK	Eagle Plains	4.25 135	Pn	05 01 46.4	-1.1
F31M	Tsigethchic	4.38 114	Pn	05 02 56.9	-0.5
F31M	comp=N,11nm,1.0s				
F31M	comp=N,11nm,1.0s				
I28M	Miner Creek	4.42 156	Pn	05 01 49.2	-0.8
I28M	comp=N,14nm,0.7s				
I28M	comp=N,14nm,0.7s				
G31M	Satah River	4.53 121	Pn	05 01 50.4	-1.1
G31M	comp=E,14nm,0.9s				
G31M	comp=N,13nm,0.7s				
G21K	Atiakakhi	4.63 233	Pn	05 01 51.2	-1.7
I23K	Minto, Yukon-K	4.84 207	Pn	05 01 55.3	-0.4
I23K	comp=E,12nm,0.8s				
I23K	comp=N,12nm,0.8s				
MDM	Murphy Dome	4.86 201	Pn	05 01 55.1	-0.9
MDM	comp=N,9.3nm,1.2s				
MDM	comp=N,9.3nm,1.2s				
IL31	Eielson Array	4.90 194	Pn	05 01 56.4	-0.1
EGAK	Eagle	4.92 165	Pn	05 01 56.1	-0.8
EGAK	comp=N,10nm,0.6s				
J25K	Salcha River	4.97 186	Pn	05 01 57.0	-0.6
J25K	comp=N,7.7nm,0.4s				
J25K	comp=N,7.7nm,0.4s				
J26L	Joseph Creek	5.07 177	Pn	05 01 58.6	-0.4
J26L	comp=N,6.4nm,0.6s				
IMAR	Indian Mountai	5.09 230	Pn	05 01 57.6	-1.5
H21K	Melozitna Rive	5.10 224	Pn	05 01 58.2	-1.1
H21K	comp=N,8.0nm,1.0s				
H21K	comp=N,8.0nm,1.0s				
CCB	Clear Creek Bu	5.11 198	Pn	05 01 58.5	-0.9
CCB	comp=N,6.7nm,0.9s				
CCB	comp=N,6.7nm,0.9s				
D19K	Kuna River	5.11 265	Pn	05 01 59.4	-0.2
D19K	comp=N,7.7nm,0.7s				
D19K	comp=N,7.7nm,0.7s				
MLY	Manley	5.19 212	Pn	05 01 59.4	-1.1
MLY	comp=N,7.7nm,1.1s				
E19K	Redstone River	5.23 253	Pn	05 02 00.1	-0.9
E19K	comp=N,6.0nm,1.1s				
E19K	comp=N,6.0nm,1.1s				
HDA	Harding Lake	5.26 193	Pn	05 02 01.1	-0.4
HDA	comp=N,5.7nm,1.1s				
HDA	comp=N,5.7nm,1.1s				
I30M	Mount Dempster	5.28 141	Pn	05 02 00.8	-1.1
H31M	Peel River	5.30 130	Pn	05 02 00.8	-1.2
H31M	comp=N,6.6nm,0.8s				
H31M	comp=N,6.6nm,0.8s				
WRH	Wood River Hil	5.31 199	Pn	05 02 01.8	-0.4
WRH	comp=N,5.7nm,1.0s				
WRH	comp=N,5.7nm,1.0s				
C19K	Lookout Ridge	5.47 273	Pn	05 02 04.4	0.0
SCRK	Sand Creek	5.59 179	Pn	05 02 05.9	-0.2
F19K	Shalureckik Mo	5.74 248	Pn	05 02 07.7	-0.4
BWN	Browne	5.77 204	Pn	05 02 08.3	-0.7
DAWY	Dawson	5.81 159	Pn	05 02 08.4	-0.7
J30M	Hart River	5.85 145	Pn	05 02 08.8	-0.9
BPBW	Bear Paw Mtn.	6.08 209	Pn	05 02 12.0	-0.8
C18K	Utukok River	6.15 270	Pn	05 02 13.3	-0.4
E18K	Tukpukleirik C	6.39 258	Pn	05 02 16.8	-0.2
E18K	Reindeer	6.43 199	Pn	05 02 17.0	-0.2
BCAR	Beaver Creek A	6.57 170	Pn	05 02 18.9	-0.7
L27K	Beaver Creek,	6.57 171	Pn	05 02 18.9	-0.7
G18K	Tagagavak	6.59 243	Pn	05 02 20.4	+0.6
MENT	Mentasta	6.63 178	Pn	05 02 19.9	-0.4
J20K	Novinta River	6.65 221	Pn	05 02 19.6	-1.1
A35M	Sachs Harbour	6.71 60	Pn	05 02 18.9	-2.5
RDOG	Red Dog Mine	6.84 266	Pn	05 02 23.7	-0.9
F17K	Baldwin Pennin	7.11 252	Pn	05 02 26.3	-0.6
M29M	Somme Creek	7.49 159	Pn	05 02 31.5	-0.7
H17K	Granite Mounta	7.63 240	Pn	05 02 33.5	-0.5
C15K	Lisburne Hills	7.72 271	Pn	05 02 33.7	-2.0
J18K	Innok River	7.87 225	Pn	05 02 35.7	-1.6
G16K	Koyuk River	8.10 248	Pn	05 02 39.4	-1.0
J17K	VABM Dome	8.55 231	Pn	05 02 45.4	-1.2
FARO	Faro, Yukon	8.56 144	Pn	05 02 45.3	-1.5
N30M	Aishikik Lake	8.62 157	Pn	05 02 46.7	-1.0
F15K	North Star Dit	8.67 254	Pn	05 02 46.6	-1.7

M19K	Big River Lodg	8.72 214	Pn	05 02 48.9	-0.1
L18K	Granite Mounta	8.93 221	Pn	05 02 50.2	-1.6
BCW	Bitter Crk WRg	7.25 145	P	05 07 46.8	-8.0
MOS	13 05:43:40.6, 41:18N:46:10E, h20km, MPVA3.9				
AZER	13 05:43:41.0, 41:22N:46:04E, h16km, ml2.9				
TIF	13 05:43:41.4, 41:13N:46:07E, h48km				
DRS	13 05:43:42.2, 41:26N:46:16E, h54km				
NORS	13 05:43:42.6, 41:25N:46:08E, h24km, MPVA3.8				
ISC	13 05:43:43.1-0.9, 41:21N:0:02:46:03E-0:02, h31km, 9km,				
	n56, r1940/108, Eastern Caucasus				
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
VSHL	Vashlov	0.28 86	P	05 43 50.7	-0.5
VSHL	QOZX	0.52 253	S	05 43 57.5	+2.1
QZX	Qazax, Azerbai	0.52 253	S	05 44 01.6	-0.6
GDB	GEDABAY	0.53 203	P	05 43 53.2	-1.0
GDB	David-gareji	0.55 296	P	05 44 00.8	-1.0
DGRG	David-gareji	0.55 296	P	05 43 54.9	+0.1
DGRG	David-gareji	0.55 296	P	05 44 04.9	+1.9
GANJ	Ganja	0.61 158	P	05 43 54.3	-1.4
GANJ	Ganja	0.61 158	P	05 44 02.9	-1.7
ZKTA	Zakatala	0.62 46	P	05 44 04.7	-1.1
ZKTA	Zakatala	0.62 46	P	05 44 04.2	-0.5
LGD	Lagodekhi	0.64 15	P	05 43 55.2	-0.9
LGD	Lagodekhi	0.64 15	P	05 43 55.2	-0.9
SEKA	SEKA	0.89 90	P	05 43 58.7	-0.8
SEKA	SEKA	0.89 90	P	05 44 11.1	-0.3
MNGR	Mingechevir, A	0.92 118	S	05 44 14.6	+2.6
KMKR	Kumukh	1.22 41	eP	05 44 04.8	-1.0
KMKR	Kumukh	1.22 41	eP	05 44 21.1	-0.1
KZRT	Kazreti	1.24 279	P	05 44 20.4	-0.3
KZRT	Kazreti	1.24 279	P	05 44 20.4	+0.4
BRDA	Brd	1.29 137	P	05 44 07.1	+0.3
BRDA	Brd	1.29 137	P	05 44 26.6	+3.6
AKT	Akhty	1.31 78	eP	05 44 05.8	-1.4
AKT	Akhty	1.31 78	eP	05 44 23.1	-0.6
GNBR	Gunib	1.37 31	eP	05 44 07.7	-0.5
GNBR	Gunib	1.37 31	eP	05 44 26.6	+1.3
AGDM	Agdam	1.38 143	Pn	05 44 07.5	-0.7
AGDM	Agdam	1.38 143	Pn	05 44 26.9	+1.4
CHRG	Chargali	1.39 324	P	05 44 07.5	-1.0
CHRG	Chargali	1.39 324	P	05 44 26.2	+0.3
DMNI	Dmanisi	1.39 275	P	05 44 06.5	0.0
DMNI	Dmanisi	1.39 275	P	05 44 25.1	-0.8
QBL	Gabala	1.40 100	P	05 44 06.6	-2.0
QBL	Gabala	1.40 100	P	05 44 26.3	+0.2
XNZR	Khunzakh	1.42 21	Sg	05 44 08.0	-0.9
XNZR	Khunzakh	1.42 21	Sg	05 44 28.1	+1.2
GNI	Garni	1.44 223	eP	05 44 09.1	-0.3
GNI	Garni	1.44 223	eP	05 44 28.8	+1.3
BTLR	Botlikh	1.46 6	eP	05 44 09.3	-0.3
BTLR	Botlikh	1.46 6	eP	05 44 29.4	+1.5
TRIA	Trialeti	1.48 283	P	05 44 10.7	+0.2
TRIA	Trialeti	1.48 283	P	05 44 27.5	-1.2
URKR	Urkarakh	1.54 51	eP	05 44 10.0	-1.0
URKR	Urkarakh	1.54 51	eP	05 44 30.4	+0.3
ARAK	Arakani	1.56 27	eP	05 44 11.0	-0.5
ARAK	Arakani	1.56 27	eP	05 44 32.0	+1.1
ZARD	Zardab	1.57 126	Pn	05 44 10.7	-0.8
ZARD	Zardab	1.57 126	Pn	05 44 30.4	+3.1
SHTL	Shatili	1.58 336	P	05 44 10.3	-1.5
SHTL	Shatili	1.58 336	P	05 44 30.7	-0.8
XNQ	Khinaliq	1.60 91	Pg	05 44 10.3	-1.7
XNQ	Khinaliq	1.60 91	Pg	05 44 31.9	-0.9
UNCR	Uncukul	1.60 21	eP	05 44 11.7	-0.4
UNCR	Uncukul	1.60 21	eP	05 44 33.2	+1.1
KSMR	Kasumkent	1.63 75	eP	05 44 11.3	-1.2
KSMR	Kasumkent	1.63 75	eP	05 44 33.5	+0.8
IML	Ismayilli	1.69 104	Pg	05 44 11.8	-1.7
IML	Ismayilli	1.69 104	Pg	05 44 31.9	-0.1
BRNG	Burnasheti	1.70 285	P	05 44 12.6	-1.3
BRNG	Burnasheti	1.70 285	P	05 44 34.3	-0.7
GUDG	Gudauri	1.70 318	eP	05 44 12.5	-1.4
GUDG	Gudauri	1.70 318	eP	05 44 35.9	+0.8
QSAR	Qusar	1.71 79	Pn	05 44 13.4	-0.5
QSAR	Qusar	1.71 79	Pn	05 44 31.7	-2.1
KRNR	Karanay	1.74 22	eP	05 44 14.0	-0.5
KRNR	Karanay	1.74 22	eP	05 44 36.8	+0.8
SGKR	Sergokala	1.74 44	eP	05 44 13.2	-1.3
SGKR	Sergokala	1.74 44	eP	05 44 36.4	+0.4
DVE	Vedeno	1.74 2	eP	05 44 14.2	-0.9
DVE	Vedeno	1.74 2	eP	05 44 38.6	+2.5
BUJR	Buynaks	1.80 26	eP	05 44 14.0	-1.5
BUJR	Buynaks	1.80 26	eP	05 44 39.2	+1.6
KDMR	Kurdemir	1.84 116	Sn	05 44 39.9	+1.2
MTEO	Meteo	1.84 323	P	05 44 15.0	-1.4
MTEO	Meteo	1.84 323	P	05 44 38.1	-1.1
SBZ	Shahbuz	1.85 191	Pn	05 44 15.9	-0.5
SBZ	Shahbuz	1.85 191	Pn	05 44 40.7	+1.6
BLQ	Beylaqan	1.90 141	Pn	05 44 15.1	-1.9
BLQ	Beylaqan	1.90 141	Pn		

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like KUZZ, RTZ, TOZ, BKZ, etc.

IDC 13 08:23:24.8-318.0, 37.93N:134.60E, h0km, Error ellipse: s-maj=141.2km s-min=91.5km az=126.0, Sea of Japan

IDC 13 08:27:05.0-0.6, 14.17S:13.80W, h0km, mb4.3/18, mbtmp=3.18, MS3.62, Error ellipse: s-maj=20.3km s-min=14.0km az=118.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like H10S2, H10N1, H10N3, etc.

IDC 13 08:30:09.7-5.2, 53.61N:88.08E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=45.4km s-min=21.2km az=56.0, Suspected Mining explosion.

IDC 13 08:30:13.6-3.6, 53.7N:101.877E:0.2, h0km, n9, s135/12, 7C-5D, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like BELA, STAL, SABO, etc.

IDC 13 08:30:13.6-3.6, 53.7N:101.877E:0.2, h0km, n9, s135/12, 7C-5D, Southwestern Siberia

IDC 13 08:30:13.6-3.6, 53.7N:101.877E:0.2, h0km, n9, s135/12, 7C-5D, Southwestern Siberia

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MVOU, SLFK, KZIL, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ASF, EIL, EIL, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SCLA, COEG, TGUH, etc.

WEL 13 10:10:50.8:0.8,35°S:6°17'9W:1°14', h0km, M3.9/10, s-maj=0.0km s-min=0.0km az=112.9, South of Kermadec Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MXZ, PKGZ, HAZ, etc.

NEIC 13 10:17:09.5:0.5,37°36'N:0°01'97'9W:0°02', h5km, 1km, mb_Lg2.4/19, ML2.8/36, Error ellipse: s-maj=3.0km s-min=2.8km az=325.0, Kansas

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KAN12, KAN08, KAN05, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Palmer Station, Rapu Nui, Scott Base, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Pedras Altas, ROSC, CPUB, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ASAR, Alice Springs, Santo Domingo, etc.

Table with columns: Station ID, Name, Frequency, Mode, Power, and other technical details. Includes stations like H11N3 WAKE ISLAND, H11N1 WAKE ISLAND, H11N2 WAKE ISLAND, etc.

Table with columns: Station ID, Name, Frequency, Mode, Power, and other technical details. Includes stations like H31M Peel River, I28M Miner Creek, L131 ILAR, etc.

Table with columns: Station ID, Name, Frequency, Mode, Power, and other technical details. Includes stations like LESA Schwarzleotol, MYKA Terra Mystica, KBA Koeln, etc.

Table with columns: Station ID, Name, Frequency, Mode, Power, and other technical details. Includes stations like IDC 13 11:57:1.0, GSPA South Pole Qui, QSPA 1.0m, etc.

Table with columns: TXAR, PFO, H1S2, H1S3, H1S1, H1N3, H1N1, H1N2, PDAR. Includes station names, coordinates, and various data points.

IDC 13 12:03:18.9.0.7, 15.46Sx70.14W, h214km, 6km, mb3.8/12, mbmp4.4/18, Error ellipse: s-maj=15.5km s-min=8.9km az=48.0

VAO 13 12:03:18.8.0.3, 15.58Sx70.19W, h204km, mb1.7, NEIC 13 12:03:20.0.2.5, 15.57Sx0.07x20.2W:0.1, h247km, mb4.5/37, Error ellipse: s-maj=14.5km s-min=10.5km az=88.0

ISC 13 12:03:19.3.0.4, 15.62Sx0.05x70.23W:0.06, h224km, n114, c1935/116, mb4.3/21, 2C, Southern Peru

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

Table with columns: PLPT, WFTS, APMT, SN07, KNB, SNA, SNA, DBIC, PDAR, ULM, TROLL, NVAR, YNE, GQSA, EDM, YKA, DLBC, INK, ASAR, ZALV, ZALV, WRA, USRK, SONM. Includes station names and coordinates.

SJA 13 12:14:10.1.0.6, 21.35Sx70.19W, h61km, 8km, ML4.1, MV4.0

NEIC 13 12:14:11.2.6.21.39Sx0.05x70.25W:0.07, h54km, 13km, mb3.9/5, ML4.1(GUC), Error ellipse: s-maj=8.8km s-min=6.7km az=87.0

GUC 13 12:14:12.3.0.9, 21.37Sx70.15W, h54km, 12km, ML4.3

IDC 13 12:14:13.9.3.0, 21.28Sx69.80W, h86km, 21km, mb4.1/3, mbmp4.2/25, Error ellipse: s-maj=44.4km s-min=15.5km az=91.0

ISC 13 12:14:10.6.0.8, 21.38Sx0.03x70.24W:0.06, h62km, 8km, n53, c1317/70, mb4.2/4, 1C-2D, Near coast of northern Chile

Main table for station data in the middle section, including columns for Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers.

Table with columns: ITAB, TROA, G006, MAL2, BOAV, BOAV, QSPA, TORO, MAW, ASAR, WRA, MKAR. Includes station names and coordinates.

GUC 13 12:16:49.4.0.5, 33.16Sx70.42W, h88km, 3km, ML2.5, 1C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers.

IDC 13 12:43:37.1.1.3, 49.99Sx119.52E, h0km, mb3.9/5, mbmp3.9/5, MS3.6/7, Error ellipse: s-maj=57.1km s-min=23.3km az=104.0

ISC 13 12:43:38.7.1.2, 50.00Sx119.6E:0.4, h10km, n12, c0549/6, mb4.0.5, MS3.5/7, Western Indian-Antarctic Ridge

Main table for station data on the right side, including columns for Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers.

IDC 13 12:51:43.8.0.9, 36.51Nx138.31E, h202km, 2km, mb3.1/5, mbmp3.8/7, Error ellipse: s-maj=34.2km s-min=11.0km az=69.0

JMA 13 12:51:44.0.1.0, 36.51Nx138.31E, h208km, 1km, MV2.8/35, NEAR MATSUSHIRO

ISC 13 12:51:44.2.0.8, 36.48Nx106.03E:0.06, h202km, 6km, n22, c0872/34, mb3.3/5, Eastern Honshu

Main table for station data on the right side, including columns for Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers.

IDC 13 12:58:32.6,5.0,30'50N,141'15E,h180km,29km,mb3.2/3, mbtmp3.6/5, Error ellipse: s-maj=213.2km s-min=24.3km az=83.0, Southeast of Honshu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Hachijo jima 2, Matushiro Arr, Waramunga Arr, Alice Springs, FINESS Array B.

DNK 13 13:31:17.1,3.0,79'26N,3'81E,h36km,23km,ML1.5 KOLA 13 13:31:17.7,9'09N,4'89E,h0km,ML2.1, Error ellipse: s-maj=34.0km s-min=24.8km az=10.0, Greenland sea, Knipovich ridge, north

FCIAR 13 13:31:19.0,79'22N,5'13E,h10km, station ZF12 has station magnitude of 4.10 station OMEGA has station magnitude of 4.20

ISC 13 13:31:10.1,1.7,79'01N,0'07.334E,0'04,h11km,12km, n19, c180/32, Greenland Sea

Large table listing seismic stations and their coordinates. Includes stations like Kingsbay, Barentsburg B, Spitsbergen Ar, Hornsund (broa), Nord, Danmarks Havn, Zemiya Franca, Omega, North Greenlan, etc.

JMA 13 14:00:22.3,0.2,43'3N,0'5.145'E,0.8,h107km,1km, MV2.5/37, NEMURO REGION SKHL 13 14:00:23.1,0.0,43'10N,145'50E,h85km,4km,mb4.0/3, msha4.8/3

ISC 13 14:00:23.1,1.8,43'27N,0'07.145'E,0'05,h101km,10km,n15,c061/27, Hokkaido region

Table listing seismic stations in the Hokkaido region. Includes stations like Kushiromanak, Nemuro 2, Akkeshi, Nakash, Nemuroshibetsu, Rausu, Yuzh-Kuril'sk, Ashorobuto, Obeshi, Abashiri-Toko, Shikotan, Churui, Maruseppu, Furan, Kuril'sk, Wulung Townshi, etc.

IDC 13 14:05:04.0,1.4,17'34S,176'96W,h0km,mb3.8/6, mbtmp3.8/6, Error ellipse: s-maj=44.4km s-min=29.9km az=119.0, Fiji Islands region

Table listing seismic stations in the Fiji Islands region. Includes stations like Waramunga Arr, Alice Springs, Matushiro Arr.

0.8nm,0.6s,baz=167,slow=5.1,SNR=4.8 0.8nm,0.6s South Pole Qui 72.11 180 P P 14 16 29.9 -0.3

Table listing seismic stations: GSPA, PETK, ILAR.

IDC 13 14:17:31.5,1.4,7'11N,7'11E,9E,h18km,12km,MA4.0/7, mb4.7/1,MLv3.7/7, Borneo

Table listing seismic stations in Borneo: MPISI, MRSI, GTOI, LUWI, STKI.

IDC 13 14:23:16.1,7.0,22'28N,93'96E,h85km,52km,mb3.1/4, mbtmp3.5/5,ML3.1/1,MS2.4/1, Error ellipse: s-maj=160.9km s-min=21.0km az=61.0, Myanmar-India border region

Table listing seismic stations in Myanmar-India border region: CMAR, MKAR, ZALV, WRA, ASAR.

IDC 13 14:30:24.4,2.7,33'34S,178'90W,h0km,mb4.0/2, mbtmp4.0/3,ML4.0/1, Error ellipse: s-maj=64.1km s-min=36.0km az=115.0

ISC 13 14:30:34.9,1.5,33'18S,0'11.179'9W,0'3,h35km,n8, c256/9,4C, South of Kermadec Islands

Table listing seismic stations in South of Kermadec Islands: URZ, ASAR, ASAR, WRA, TROLL, SNA, VNA, VNA, FINES.

TAP 13 14:36:12.6,24'79N,121'49E,h7km,ML1.3,1C-4D,B, Taiwan

Large table listing seismic stations in Taiwan: NWLT, FUSB, YHNB, ENTT, NNT, NSK, NSK, NHDH, NHDH, TWE, TWE, NDT, NDT, TWA, TWA, TAP, TAP, LATG, LATG, NDS, TIPB, TIPB, NNS, NNS, TWC, TWC, NNSB, NNSB, NFF, NFF, ETLL, ETLL, NACB, NACB.

ZUR 13 14:37:35.7,46'34N,7'52E,h1km,2km,MLH0.6/1,1C-2D, Error ellipse: s-maj=4193.3km s-min=1259.9km az=309.0, Switzerland

Table listing seismic stations in Switzerland: SIEB, STSW2, STSW2.

LKBD2 Leukerbad 2 0.09 70 P Pg 14 37 37.9 +0.4

ZUR 13 14:37:58.8,46'33N,7'52E,h5km,1km,MLH0.8/9,3C-4D, Error ellipse: s-maj=3412.8km s-min=825.4km az=50.0, Switzerland

Table listing seismic stations in Switzerland: SIEB, STSW2, STSW2, STSW2, STSW2, SIAFV, LKBD2, SENIN, SENIN, LAUCH, LAUCH, DIX, GRYON.

ZUR 13 14:38:44.6,46'37N,7'52E,h0km,6km,MLH0.7/2,1C-2D, Error ellipse: s-maj=999.0km s-min=999.9km az=20.0, Switzerland

Table listing seismic stations in Switzerland: STSW2, SIEB, LKBD2, SENIN.

ZUR 13 14:38:58.3,46'34N,7'52E,h1km,2km,MLH0.2/2,1C-1D, Error ellipse: s-maj=3970.2km s-min=1211.7km az=282.0, Switzerland

Table listing seismic stations in Switzerland: SIEB, STSW2, STSW2, LKBD2, SENIN, SENIN.

IPEC 13 14:55:08.3,0.2,51'55N,16'19E,h1km,ML2.6/4, Error ellipse: s-maj=2.0km s-min=1.1km az=36.0

DNK 13 14:55:10.2,2.9,51'78N,16'53E,h0km,92km,ML2.4 PRU 13 14:55:12.1,51'41N,16'12E,h0km, VIE 13 14:55:12.6,1.4,51'27N,16'02E,h0km,mb2.6/8,m2.7/10, Error ellipse: s-maj=8.2km s-min=5.9km az=165.0, Suspected Mining induced.

ISC 13 14:55:07.5,0.8,51'58N,0'03.16'E,0.03,h0km,n42, c150/19, Poland

Large table listing seismic stations in Poland and other regions: KSP, KSP, CHVC, OSTAS, OSTAS, UPC, UPC, DPC, DPC, PVCC, PVCC, BRG, BRG, BRG, BRG, GOPC, PRU, HSKC, HSKC, MORC, MORC, MORC, MORC, CLL, CLL, CLL, OKC, OKC, VRAC, VRAC, VRAC, TREC, ZVC, KRUC, KRUC, OJC, OJC, JAVC, JAVC, KHC, KHC, KHC, CKRC, CKRC, CKRC, MODS, MODS, NIE, NIE, VYHS, VYHS, VYHS, BSD, BSD, BSD, CONA, CONA, CONA, MOA, MOA, BIOA, BIOA, ARSA, ARSA, LUNU, LUNU, LESA, LESA, KBA, KBA, BJUU, BJUU, BJUU.

13d 16h

Table with columns: DEL, WTTA, ABTA, RETA, FABU, FAGU, ONAU, BORU, BORU. Rows include station names like Wattenberg, Abfallersbach, Reutte, Falkenberg, Onsal, Boras.

TAP 13 14:55:44.1, 21.41N, 121.14E, h52km, ML2.9, 3C, D

Main table for Taiwan region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Hengchun, Manzhou Township, Lan-yu, etc.

2018 SEP

Main table for 2018 SEP with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Diego Garcia, Crozet Islands, Cape Leeuwin, etc.

888

Main table for 888 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Kurchatov Arr, etc.

M00-1.46±.10; M00-2.26±.11; M10-1.26±.07; M00-0.21±.14; M00-0.89±.09; Best double couple; M02.52100±1016 N1P1.9±144.00000°, 675.00000°, A1.00000°. NP2: 0±42.00000°, 850.00000°, A1.161.00000°. Principal axes: T 2.5390, Plg39.0000°, Azm11.0000°; N -0.0390, Plg47.0000°, Azm160.0000°; P -2.5040, Plg16.0000°, Azm268.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 16:49:16.3±0.5, 136N, 03E, 128.09E±0.05, h138km±4km, n735, r123/70.5, mb5.0/189, 46C-41D, North of Halmahera

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

Table with columns: KNRA, Kununurra, 18.73 178, P, P, 16 53 25.0 +0.5. Lists seismic stations and their recorded data.

Table with columns: MAJO, Matsushiro, 34.50 14, P, P, 16 55 49.6 -1.7. Lists seismic stations and their recorded data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like S34M, QSPA, AKASG, DLBC, T35M, etc.

SSNC 13 17:01:51.71.8, 16.866N-81.05W, h20km, 34km, MD3.6, ML3.2, North of Honduras

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FSCY, CBCY, MGCV, etc.

IDC 13 17:05:09.4-0.8, 34.67N-46.04E, h0km, mb4.1/19, mbmp4.0/29, ML3.6/9, MS2.9/12, Error ellipse: s-maj=15.6km s-min=12.2km az=172.0

NAO 13 17:05:17.4, 34.92N-45.40E, h33km, mb3.6, ISC 13 17:05:10.8-1.0, 34.59N-0.03-46.19E-0.03, h16km, 7km, n234, c2654/266, mb4.1/42, MS2.8/6, 18C-ID, Western Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDHR, IGIG, KGS1, etc.

Main table with columns: GNI, Lg, Lg, Time, Res. Includes stations like GNI, IRAM, ANAR, etc.

Main table with columns: ABKAR, Lg, Lg, Time, Res. Includes stations like ABKAR, RBK, DMTO, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Fort Rock, Pine Mountain, PanZhiHua, Albuquerque, Bella Bella, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Arbavere, GHAJ, BALJ, MMAL, DBIC, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ZALV, Kurbove, BVAR, FINES, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CONA, ROSA, MOA, BIOA, MMAL, KBA, SOKA, WTTA, SAVA, DQTA, OBKA, ABTA.

IDC 13 18:43:40.1, 6.0, 21.60S, 170.76E, h0km, mb3.8/5, mblmp3.8/6, ML3.6/1, Error ellipse: s-maj=162.5km s-min=32.4km az=25.0

ISC 13 18:43:48.3, 6.220S, 0.7x170.4E:0.2, h35km, n10, +0.45/11, mb4.1/7, 43, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM, ASAR, WRA, GSPA, MAW, TROLL, SNA, SNA, VNA, VNA.

NEIC 13 18:45:21.7, 1.0, 17.2S, 0.1x179.3W:0.2, h619km, 23km, mb4.3/22, Error ellipse: s-maj=34.2km s-min=6.9km az=60.0

IDC 13 18:45:27.1, 1.7, 17.73S, 179.86W, h642km, 14km, mb3.5/4, mblmp4.6/5, Error ellipse: s-maj=36.4km s-min=27.8km az=165.0

ISC 13 18:45:27.2, 1.4, 17.5S, 0.2x179.8W:0.2, h650km, n34, +0.95/35, mb4.3/16, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF, AFI, DZM, KHZ, EIDS, ARMA, CTAO, CAN, COEN, TOO, STKA, BBOO, WBO, WB2, WRAB, WRA, AS31, ASAR, ASAR, ASAR, MTN, MTN, FORT, KNRA, FBZ, WITZ, CASY, GSPA, GSPA, MMAL, GERES, GERES.

IDC 13 18:57:58.8, 20.0, 54.7AS:133.46W, h0km, mb3.8/3, mblmp3.8/3, Error ellipse: s-maj=1358.0km s-min=46.3km az=143.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H03S2, H03S1, H03S3, H03N3, H03N2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H03N1, ASAR, H01W1, H01W2, H01W3, WRA, TXAR.

IDC 13 19:17:35.8, 1.3, 6.76S, 155.20E, h0km, mb3.7/7, mblmp3.8/8, ML1.6/1, MS3.8/3, Error ellipse: s-maj=36.8km s-min=25.0km az=122.0

ISC 13 19:17:42.0, 1.1, 6.85S, 0.2x155.1E:0.1, h41km, n12, +0.89/10, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR, PMG, PMG, WRA, ASAR, STKA, CMAR, ILAR, GSPA, MKAR, NEW, YKA, TORD.

CATAC 13 20:01:40.3, 0.7, 15.08N, 92.52W, h104km, 5km, ML3.8 GCG 13 20:01:40.5, 0.3, 15.30N, 92.55W, h22km, 5km, MD4.0 MEX 13 20:01:40.0, 0.6, 15.14N, 92.52W, h99km, 5km, MD4.1

ISC 13 20:01:39.2, 1.3, 15.08N, 0.06x92.66W:0.4, h92km, 8km, n28, +1.23/49, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PATR, PAVE, CHJU, PCIG, RTAL, RTAL, RTAL, STG3, QUEO, HUEH, SOKI, CCIG, SULLM, QUIS, QUIS, CARR, TGBT, TGIG, FUG, NBU, NBU, NBU, CEVE, ESQI, ESQI, ESQI, MTO3, MTO3, HUIG, HUIG, JAYA, JAYA, JAYA, NEUV, PEIG, YOIG.

ATH 13 20:15:11.9, 35.66N, 27.24E, h16km, 2km, ML2.4/3, Error ellipse: s-maj=5.2km s-min=1.1km az=147.0

AFAD 13 20:15:29.0, 0.0, 36.90N, 27.96E, h7km, 7km, ML1.3 ISK 13 20:15:11.8, 35.69N, 27.17E, h12km, ML2.3/17, Dodecanese Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARG, ARG, ZKR, ZKR, ZKR, YAZI, YAZI, DAT, DAT, BODT, TURN, BDM, SANT, DALY, FETI, IZZE, IZZE, SABU, SABU, IDI, APE, ESEN, ESEN.

NNC 13 20:25:29.9, 5.5, 38.06N, 71.73E, h0km, mb3.6, mpv3.1, 2C-4D, Error ellipse: s-maj=42.2km s-min=31.8km az=168.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK, AAK, KK31, CHMS, CHMS.

NEIC 13 20:43:10.9, 1.0, 44.98N, 0.03x106.77W:0.04, h0km, 1km, ML3.0/34, Error ellipse: s-maj=5.4km s-min=4.1km az=142.0

IDC 13 20:43:12.4, 1.4, 44.93N, 106.74W, h0km, mblmp3.2/2, ML1.9/1, Error ellipse: s-maj=66.8km s-min=9.7km az=137.0

ISC 13 20:43:10.5, 0.9, 44.96N, 0.05x106.67W:0.05, h0km, n19, +0.15/17, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LAO, LAO, RLMT, RSSD, RSSD, K22A, K22A, YNE, YNE, YNR, YNR, YHH, FLWY, FLWY, YFT, PDAR, PDAR, YMR, YMR, YHL, YHL, IMW, HWUT, LAC DU, LAC DU, ULM, ULM.

NEIC 13 21:07:44.9, 1.2, 18.2S, 0.1x178.2W:0.1, h569km, 9km, mb4.0/14, Error ellipse: s-maj=20.7km s-min=18.6km az=148.0

IDC 13 21:07:47.1, 3.6, 17.77S, 178.60W, h582km, 21km, mb3.2/4, mblmp4.1/5, Error ellipse: s-maj=121.8km s-min=25.8km az=142.0

ISC 13 21:07:43.4, 0.9, 18.2S, 0.1x178.2W:0.1, h550km, n32, +1.80/32, mb4.0/12, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF, MSVF, RAO, PINNC, DZM, TOO, COEN, STKA, BBOO, BBOO.

Table with columns for station name, frequency, and signal strength. Includes stations like NJ2, RAF PUK, VAF VYHS, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like BRG, BRG, BRG, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like NB2, NOA, NOA, etc.

Table with columns: KEST, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes entries like Kesra, Kibwezi, Saint Sauveur, etc.

Table with columns: Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes entries like Utukok River, Lookout Ridge, Noatak River, etc.

Table with columns: Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes entries like Bananza Creek, Christian River, VABM Dome, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes entries for VNA1, VNA3, QSPA, etc.

NEIC 13 21:35:49.2.0.6, 36°99N.0°02:97.514W.0.008, h5km, 5km, Error ellipse: s-maj=2.5km s-min=0.8km az=168.0

NEIC 13 21:35:49.2.0.7, 36°99N.0°02:97.50W.0.012, h6km, 5km, mb_Lg2.2/4, ML2.6, ML2.5/44, ML2.3/12, Error ellipse: s-maj=3.3km s-min=1.9km az=204.0

NEIC 13 21:35:49.4.0.8, 36°98N.0°02:97.50W.0.02, h5km, 5km, Error ellipse: s-maj=2.9km s-min=1.9km az=199.0

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes entries for KAN13, KAN09, KAN17, etc.

KRSC 13 21:42:52.0.1.9, 48°11N.155°90E, h38km, 38km, M4.5, IDC 13 21:42:57.1.2.4, 48°68N.154°07E, h130km, 24km, mb3.2/6, mbmp3.7/8, MS3.2/1, Error ellipse: s-maj=30.9km s-min=18.5km az=111.0

ISC 13 21:42:53.9.1.2, 48°55N.0°1:154°3E.0:2, h100km, n22, c=208/21, mb3.5/6, Kuril Islands

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes entries for SKR, KDR, ASAK, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes entries for WRA, ASAR, MKAR.

IDC 13 21:54:17.2.0.5, 42°37N.127°19E, h0km, mb3.5/3, mbmt3.5/3, Error ellipse: s-maj=162.6km s-min=27.4km az=66.0, Talaud Islands

IDC 13 21:54:17.2.0.5, 42°69N.141°95E, h0km, mb4.5/26, mbmp4.5/32, ML3.4/5, MS3.8/54, Error ellipse: s-maj=13.3km s-min=12.2km az=94.0

SKHL 13 21:54:21.4.0.3, 42°60N.141°80E, h48km, 9km, mb5.3/3, m4.5/2, msh5.0/3

MOS 13 21:54:21.4.0.9, 42°67N.141°83E, h37km, mb4.9/50, MS3.9/6, Error ellipse: s-maj=6.2km s-min=4.6km az=102.8

BUI 13 21:54:21.5.0.0, 42°71N.142°13E, h65km, mb4.7/58, mb4.9/19, Ms4.3/35, Ms7.4/2/36

JMA 13 21:54:22.4.0.2, 42°75N.0°142°0E.0.6, h26km, 1km, MD4.6/20, MW4.6/22, SHIKARI DEPRESSION

JMA Felt IV J1 at ISHIKARI DEPRESSION. NIED 13 21:54:22.4.4, 42°68N.141°95E, h26km, MW4.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^15 Nm

NEIC 13 21:54:22.4.1.4, 42°75N.0°141°93E.0:0.8, h27km, 4km, mb4.7/331, Mwr4.5/13 Error ellipse: s-maj=9.4km s-min=6.4km az=115.0, Moment Tensor Solution

NEIC 13 21:54:22.4.0.5, 42°64N.141°96E.0:0.3, h32km, 2km, h31km, p-P, n920, r12/851, mb4.7/243, MS3.9/61, 55C-32D, Hokkaido region

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes entries for JIAM, JBT2, JBT, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes entries for JKEN, JNSB, JIW, etc.

JKEN Kujedananisaw 2.44 185 A A 21 55 02.4

JNSB Nemuroshibetsu 2.50 62 A A 21 55 02.5

JIW Iwasaki 2.52 216 A A 21 55 03.3

JRR Rishiri 2.54 350 A A 21 55 02.8

JRW Rausu 2.65 60 A A 21 55 04.6

JKA Keikoku 2.68 359 A A 21 55 04.7

JNTW Noshirotoikawa 2.73 210 A A 21 55 06.3

YUK Yuzh-Kuril'sk 3.17 63 eP Pn 21 55 11.2 +1.2

YUK Yuzh-Kuril'sk 3.17 63 eP Pn 21 55 11.8 +1.8

YUK Yuzh-Kuril'sk 3.17 63 eP Pn 21 55 13.0 +3.0

YUK Yuzh-Kuril'sk 3.17 63 eP Pn 21 55 12.6

JOG3 Oga 3.48 220 A A 21 55 12.6

SHO Shikotan 3.76 69 eP Pn 21 55 18.3 +0.1

SHO Shikotan 3.76 69 eP Pn 21 55 18.8

SHO Shikotan 3.76 69 eP Pn 21 56 01.2 -0.1

SHO Shikotan 3.76 69 eP Pn 21 56 02.2

SHO Shikotan 3.76 69 eP Pn 21 55 18.1 -0.1

YSS Yuzh-Sakhalins 4.35 7 eP Pn 21 55 23.1 -3.2

YSS Yuzh-Sakhalins 4.35 7 eP Pn 21 55 27.7 +1.4

YSS Yuzh-Sakhalins 4.35 7 eP Pn 21 55 27.7 +1.4

907

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like CRQE Cirque, E28M Babbage River, EGAK Eagle, etc.

2018 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PLBC Pleasant Camp, M31M Drury Creek, KK31 Karatay Array, etc.

13d 21h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like E07A Sunnyside, C09A Christian Ranch, I04A Tendick Farm, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PV10 Paradox Valley, PV11 Paradox Valley, PV12 Paradox Valley, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TXAR Lajitas Array, PPT Papeete, PPT2 Papeete, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SONM Songino Array, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, etc.

IDC 13 23:30:11.7.1.9, 0.68N-96.93E, h0km, mb3.8/8, mbmp3.8/9, ML4.4/1, Error ellipse: s-maj=70.3km s-min=19.8km az=57.0

DJA 13 23:30:13.2.1.1, 1.1N5.5x9.7E, h19km, mb3.8/7, MLV3.8/7

NEIC 13 23:30:14.5.1.5, 0.9NL-0.1x9.96E-0.1, h10km, 1km, mb4.2/17, Error ellipse: s-maj=18.4km s-min=16.7km az=207.0

ISC 13 23:30:15.2.0.7, 0.79N-0.06E-96.92E, h25km, n53, 1314/45, mb4.1/16, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GSI Gunungsitoli, GSI Gunungsitoli, PBI Sulau Batu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H04N3 CROZET ISLANDS, H04S1 CROZET ISLANDS, H04S3 CROZET ISLANDS, etc.

IDC 13 23:44:41.9.0.8, 55.45S-28.87W, h0km, mb3.9/5, mbmp3.9/6, ML4.0/1, MS3.2/4, Error ellipse: s-maj=39.1km s-min=20.2km az=65.0

NEIC 13 23:44:43.7.2.0, 55.5S:0.1x29.2W:0.2, h10km, 1km, mb4.3/14, Error ellipse: s-maj=28.3km s-min=16.9km az=45.0

ISC 13 23:44:45.4.0.7, 55.5S:0.1x29.2W:0.1, h24km, n39, 1313/30, mb4.0/11, MS3.4/3, SC, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

TEH 13 23:49:00.5, 30.83N-57.32E, h7km, 34km, ML4.5, OMAN 13 23:49:00.4, 1.6, 3.1, 10N:57.50E, h10km, mb4.9/23, m3.1/2, ms3.0/4, Error ellipse: s-maj=17.6km s-min=12.9km az=64.0

IDC 13 23:49:01.4, 0.7, 0.73N-57.27E, h0km, mb4.0/21, mbmp4.0/25, ML4.0/5, MS3.6/27, Error ellipse: s-maj=16.7km s-min=13.2km az=9.0

NEIC 13 23:49:04.1, 6.3, 30.82N:0.07S:27E:0.07, h10km, 1km, mb4.3/47, Error ellipse: s-maj=11.9km s-min=10.6km az=7.0

DSN 13 23:49:05.8, 1.8, 30.71N:57.21E, h10km, ML3.8/11, Error ellipse: s-maj=46.6km s-min=17.6km az=99.0

MOS 13 23:49:09.2, 1.4, 3.1, 03N:57.31E, h65km, mb4.5/27, Error ellipse: s-maj=6.6km s-min=4.9km az=114.2

ISC 13 23:49:03.5, 0.3, 30.84N:0.03S:57.32E:0.04, h10km, n306, 13177/317, mb4.2/70, MS3.6/26, 9C-4D, Northern and central Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KRM1 Kerman Provinc, KRM1 Kerman Provinc, ZRDN Zaranud Kerman, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like QIR1 Qir, IZEF Zefreh, IGAR Garhneh, TBHD Torbat heydari, etc.

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Sfrayin, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

ASHO Ashlyyah, ASHO Ashlyyah, SNF=1.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like QIR1 Qir, IZEF Zefreh, IGAR Garhneh, etc.

Table with columns: Station Name, RA, Dec, Az, El, P, Pmax, Pn, Pnmax, and other parameters. Includes stations like KSH Kashi, AAK Ala-Archa, and ZAAO Zalesovo Array.

Table with columns: Station Name, RA, Dec, Az, El, P, Pmax, Pn, Pnmax, and other parameters. Includes stations like ZALV Zalesovo Beam, FNA Florina, and KBN Korca.

Table with columns: Station Name, RA, Dec, Az, El, P, Pmax, Pn, Pnmax, and other parameters. Includes stations like CMAR, DAVA, KEST Kesra, and MBAR Mbarara.

13C 23:52:46.5+0.9, 0.63N, 29.85E, h0km, mb3.8/8, mbmp3.89, ML3.6/1, MS3.4/3, Error ellipse: s-maj=27.2km s-min=11.9km az=61.0

NEIC 13 23:52:47.8+1.8, 0.63N, 0.07N:29.9E:0.1, h10km, 2km, mb4.5/3, Error ellipse: s-maj=18.3km s-min=10.9km az=259.0

ISC 13 23:52:48.2+0.7, 0.60N, 0.07N:29.93E:0.008, h14km, m22, e1926/22, mb4.2/9, Zaire

Table with columns: Code, Station Name, RA, Dec, Az, El, P, Pmax, Pn, Pnmax, and other parameters. Includes stations like MBAR Mbarara, WRA Warramunga Arr, and KMBQ Kilima Mbo.

Table with columns: SEY, Seymchan, 21.06 13 P, P, 00 53 12.8 -0.4, etc. Includes stations like SHYM, LYN, ULN, SONM, TIXI, etc.

Table with columns: FIS, Fire Island, 43.38 41 P, P, 00 56 29.9 -1.2, etc. Includes stations like CMAR, MCK, RND, etc.

Table with columns: MNK, Minto, Yukon-K, 43.39 35 P, P, 00 56 31.1 -0.1, etc. Includes stations like MNSK, MNSK, MNSK, etc.

NOU 14 00:54:16.6, 36:39S; 179:84E, h0km, MLv4.2/7, Off E. Coast of N. Island, N.Z. ...

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CKHZ, MCHZ, GRZ, KWHZ, etc.

IPEC 14 00:59:08.0±0.2, 50.17N±19.09E, h1km, ML2.5/4, Error ellipse: s-maj=2.5km s-min=1.0km az=167.0

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

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

ROM 14 01:21:10.3±0.4, 43.243N±0.003, 12.661E±0.004, h1km, ML0.6/G, Error ellipse: s-maj=0.3km s-min=0.2km az=119.0, Central Italy

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

NAO 14 01:21:41.3, 35.86N±25.14E, h3km, mb4.2, IDIC 14 01:21:59.9±0.7, 37.94N±22.03E, h0km, mb4.1/15,

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

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

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

Table with columns: PTL, Name, Value, P, S, AML, AML, 01 22 53.7, etc. Includes entries like THL, Klokotos Trika, LRSO, Larissa Observ, KYMI, Kymi, Euboea I, etc.

Table with columns: TIR, Name, Value, P, S, AML, AML, 01 22 53.7, etc. Includes entries like TIR, Tirane, EZN, Ezine, PEHC, Pehevo, BAYC, CANNAKALE, etc.

Table with columns: VYHS, Name, Value, P, S, AML, AML, 01 24 36.7 +0.2, etc. Includes entries like VYHS, Vyhne, CONA, Conrad Oberva, MODS, Modra-Piesok, etc.

IDC 14 01:22:50.6:1.2, 37:83N:22:05E, h0km, mb.0/10, mbmp4.0/13, M.L3.4/2, M.S3.2/5, Error ellipse: s-maj=26.9km s-min=17.7km az=156.0

Table with columns: Code, Station Name, Az, P, S, AML, AML, 01 23 01.0, etc. Includes entries like KLV, Kalavryta, Ach, DRO, Drossia, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like HDC Heredia, CARI Cariari, MESA3 La Mesa, Verag, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like SOR Soroa, BAUV El Baul, SDDR Presa de Saban, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like SFIN Lafayette, NPGW Novo Progreso, WUPA West Chester, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like JANAB, CRWM, WYOR, ITOB, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like TABL, K29M, LOGN, MESA, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like NEEM, D27M, PRP, GHO, etc.

Table with columns: Code, Station Name, Az, El, P, Q, S, R, T, Time, Res. Includes stations like H11S3 WAKE ISLAND HY, H11S2 WAKE ISLAND HY, ZALV Zalesovo Beam, etc.

NEIC 14 01:55:02.6:0.6, 36.485N:0.007:89.47W:0.01, h5km, 3km, Error ellipse: s-maj=1.3km s-min=0.9km az=66.0

SLM 14 01:55:02.0:0.5, 36.475N:0.007:89.466W:0.008, h5km, 2km, Md2.7/50, mb_Lg2.4/3(NEIC), ML2.5/28(NEIC), Error ellipse: s-maj=1.1km s-min=0.8km az=211.0, New Madrid region, Missouri

Table with columns: Code, Station Name, Az, El, P, Q, S, R, T, Time, Res. Includes stations like WALK Watson Lake, PPLM Point Pleasant, WYBT Wynnburg, etc.

Table with columns: Code, Station Name, Az, El, P, Q, S, R, T, Time, Res. Includes stations like HALT Halls, HALT Gosnell, GNAR Poplar Bluff, etc.

IDC 14 01:55:24.5:1.7, 36.64N:140.98E, h0km, mb3.7/3, mbtmp3.7/6, ML3.2/3, MS2.6/1, Error ellipse: s-maj=32.1km s-min=24.4km az=131.0

NIED 14 01:55:26.8, 36.52N:140.95E, h19km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14N, Mw=2.77, Ms=2.53, Mx=4.81, My=2.45, Mz=4.44, Mw0.26; Fault plane solution: M3 87000x10^14 NP2; phi=219.00000; s64.00000; A=36.00000; phi=327.00000; h58.00000; A=149.00000

JMA 14 01:55:26.8:0.1, 36.5N:0.1:141.0E:0.4, h19km, MD4.4/33, MV4.0/33, E OFF IBARAKI PREF

JMA Felt II J1 at E OFF IBARAKI PREF

ISC 14 01:55:26.9:1.9, 36.58N:140.92E:0.07, h14km, 11km, n17, 0.86/20, mb3.7/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, P, Q, S, R, T, Time, Res. Includes stations like JHO Hitachi, JHO Hitachinakayama, JHYU Hitachinakayama, etc.

DJA 14 02:00:54.7:0.3, 3.3S:7.13E, h96km, 10km, M5.0/12, mb5.5/3, mb5.0/12, ML5.5/07, Mw(mb)5.0/3

IDC 14 02:00:56.8:3.8, 2.97S:137.79E, h75km, 35km, mb3.8/6, mbtmp4.3/8, MS3.4/7, Error ellipse: s-maj=41.0km az=176.0

NEIC 14 02:00:57.2:0.3, 3.05S:0.1:138.10E:0.02, h65km, 8km, mb4.7/30, Error ellipse: s-maj=15.3km s-min=2.7km

ISC 14 02:00:55.3:0.5, 3.02S:0.06:138.27E:0.05, h50km, n70, az=145.0/3, mb4.7/18, MS3.5/8, Irian Jaya

Table with columns: Code, Station Name, Az, El, P, Q, S, R, T, Time, Res. Includes stations like GENI Jayapura, JAY Jayapura, KMPI Kaimana, etc.

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

IDC 14 02:00:56.8:3.8, 2.97S:137.79E, h75km, 35km, mb3.8/6, mbtmp4.3/8, MS3.4/7, Error ellipse: s-maj=41.0km az=176.0

NJ2 Nanjing, 39.46 334 eP, pmax, 02 08 23.5 +2.7

CMAR Chiang Mai Arr, 44.22 300 LR, LR, 02 26 56.0

PZH PanZhihua, 45.91 312 Pmax, pmax, 02 09 15.0 +1.6

TOZ Tahuroa Road, 48.52 140 P, Iamb, 02 09 34.9 +1.4

TUWZ Tuamarina, 49.87 145 P, P, 02 09 44.1 +0.4

LBZ Lake Benmore, 49.88 150 P, P, 02 09 47.0 +3.2

KAAM Kaadhehdho, 65.34 272 P, P, 02 11 31.3 +1.8

MRZ Mangatoinaka, 50.34 143 P, Iamb, 02 09 47.8

BFZ Birch Farm, 50.75 143 P, P, 02 09 50.3 -0.1

MKAR Makanchi Array, 69.77 323 P, P, 02 11 56.5 -3.9

MAKZ Makanchi, 69.97 323 P, Iamb, 02 12 03.8 +2.2

KURK Kurchatov Arra, 73.72 325 P, P, 02 12 22.1 -1.9

DRK Tiksi, 74.02 312 P, LR, 02 12 23.0 -3.3

KKAR Karatay Array, 76.05 312 P, P, 02 12 36.5 -1.2

BBAR Borovoye Array, 73.72 325 P, P, 02 12 54.4 -3.2

ILAR Eielson Array, 86.30 24 LR, LR, 02 47 18.5

QSPA South Pole Qui, 86.92 180 P, Iamb, 02 13 34.5 -0.3

QSPA South Pole Qui, 86.92 180 P, P, 02 13 33.5 -1.3

BBB Bella Bella, 94.59 38 LR, LR, 02 50 18.1

CPUP Villa Florida, 147.15 154 PKPbc, PKPbc, 02 20 33.1 -0.6

LPAZ La Paz, 147.61 127 PKPbc, PKPbc, 02 20 35.4 -0.7

NEIC 14 02:14:17.6:2.3, 52.8N:0.1:176.1W:0.2, h204km, 12km, mb3.9/15, Error ellipse: s-maj=24.0km s-min=13.9km az=145.0

IDC 14 02:14:29.1:14.0, 53.32N:174.89W, h277km, 116km, mb2.8/3, mbtmp3.5/5, Error ellipse: s-maj=105.2km s-min=53.8km az=46.0

ISC 14 02:14:16.9:1.0, 52.7N:0.1:176.0W:0.1, h200km, n30, az=1807/30, mb3.3/4, Andreano Islands

Table with columns: Code, Station Name, Az, El, P, Q, S, R, T, Time, Res. Includes stations like GSTR Great Sitkin T, ADK Adak, KIWB Kanaga Island, etc.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like Van Buren, French Village, Pickwick Lake, Sharon Grove.

NOU 14 03:15:28.8, 16:13S:175:36W, h613km, mb4.17, Tonga Islands

NEIC 14 03:15:51.1, 1.8, 18:2S:0.1x178:1W:0.1, h558km, 7km, mb4.4/164, Error ellipse: s-maj=17.6km s-min=14.8km az=133.0

IDC 14 03:15:53.6, 0.9, 18:26S:178:21W, h586km, 9km, mb3.7/22, mbmp4.6/24, Error ellipse: s-maj=12.9km s-min=9.6km az=132.0

ISC 14 03:15:53.6, 0.4, 18:23S:0.07:178:19W:0.07, h590km, n542, 0.8/83/544, mb4.4/110, 32C-12D, Fiji Islands region

Main table for 923 containing station data for various regions like Nonsavu, Niue, VLAKA, DZM, KOUNC, etc.

Main table for 2018 SEP containing station data for various regions like South Pole Qui, YULB, SSSL, etc.

Main table for 14d 3h containing station data for various regions like Bonanza Creek, Ohwat River, etc.

14d 3h

2018 SEP

924

PINM	baz=202 Pinnacle	83.88	18	P	P	03 27 21.7	-0.2
TNA	baz=216 Tin City	83.89	4	P	P	03 27 21.4	-0.2
TABL	baz=190 Table Mountain	83.91	17	P	P	03 27 22.4	+0.2
VRDI	baz=190 Verde Repeater	83.93	16	P	I Amb	03 27 22.0	-0.2
VRDI	comp=Z,5.5nm,0.8s Arctic Creek	83.93	5	P	P	03 27 21.3	-0.6
F14K	baz=191 Arctic Creek	83.95	15	P	P	03 27 22.1	-0.1
N25K	baz=191 Chitina, Valde	83.95	15	P	I Amb	03 27 22.9	0.0
N25K	comp=Z,10.0nm,0.7s Chitina, Valde	83.95	15	P	P	03 27 21.4	-0.8
D08A	baz=212,SNR=12 Wollman Farm,	83.96	36	P	P	03 27 22.4	-0.1
GRNC	baz=212,SNR=12 Granite Creek	83.97	17	P	I Amb	03 27 22.3	-0.2
GRNC	comp=Z,7.2nm,1.0s Tolsona, Glenn	84.00	15	P	P	03 27 22.4	+0.1
M24K	baz=210 Tolsona, Glenn	84.00	15	P	P	03 27 22.1	-0.3
GLB	baz=210 Glahina Butte	84.02	16	P	P	03 27 22.1	-0.4
GLB	comp=Z,7.3nm,0.7s Susitna Watana	84.05	14	P	P	03 27 21.9	-0.8
WAT6	baz=209,SNR=6.7 Susitna Watana	84.08	8	P	P	03 27 22.1	-0.6
H17K	baz=197 Granite Mounta	84.09	13	P	P	03 27 22.3	-0.4
WAT1	baz=208 Susitna Watana	84.17	16	P	P	03 27 22.8	-0.3
MCARA	baz=213 McCarthy VSAT	84.19	309	P	P	03 27 25.3	+1.4
LYN	baz=213 LuoYang	84.19	309	P	P	03 27 25.3	+1.4
J20K	comp=Z,29nm,0.8s Nowinta River	84.22	10	P	I Amb	03 27 23.0	-0.4
J20K	comp=Z,5.0nm,0.7s Nowinta River	84.22	10	P	P	03 27 23.0	-0.4
J20K	comp=Z,5.0nm,0.7s Nowinta River	84.22	10	P	P	03 27 23.0	-0.4
G16K	baz=195 Koyuk River	84.23	7	P	P	03 27 23.3	-0.1
KTH	baz=195 Kantishna Hill	84.25	12	P	I Amb	03 27 22.6	-1.0
KTH	comp=Z,6.7nm,0.8s Kantishna Hill	84.25	12	P	I Amb	03 27 22.6	-1.0
LOGN	comp=Z,8.0nm,1.0s Logan Glacier	84.28	17	P	I Amb	03 27 23.4	-0.4
LOGN	comp=Z,8.0nm,1.0s Logan Glacier	84.28	17	P	I Amb	03 27 23.4	-0.4
P29M	comp=Z,7.0nm,0.8s Windy Craggy	84.28	19	P	I Amb	03 27 24.3	+0.5
P29M	comp=Z,7.0nm,0.8s Windy Craggy	84.28	19	P	I Amb	03 27 25.2	0.0
P29M	comp=Z,7.0nm,0.8s Windy Craggy	84.28	19	P	I Amb	03 27 23.8	0.0
CTG	baz=218,SNR=5.1 Chitina Glacier	84.28	17	P	P	03 27 23.4	-0.5
CTGM	baz=215 Chitina Glacie	84.28	17	P	I Amb	03 27 23.8	-0.1
CTGM	comp=Z,7.4nm,0.8s North Star Dit	84.31	6	P	P	03 27 23.6	-0.2
F15K	baz=193 Beach Ranch, E	84.32	38	P	I Amb	03 27 24.1	-0.4
F10A	comp=Z,5.1nm,0.9s Mount Upton	84.45	18	P	P	03 27 24.4	-0.5
O28M	baz=216,SNR=8.7 Colville Reser	84.48	35	P	I Amb	03 27 24.5	-0.5
B08A	comp=Z,8.1nm,1.3s HAARP	84.49	15	P	P	03 27 25.0	+0.2
HARP	baz=211 Reindeer	84.53	13	P	P	03 27 24.5	-0.5
RND	baz=217 Mount Kennedy	84.55	19	P	P	03 27 24.4	-0.8
O29M	baz=217 Denali Highway	84.56	14	P	P	03 27 24.7	-0.6
DHY	baz=217 Denali Highway	84.56	14	P	P	03 27 24.6	-0.6
DHY	comp=Z,5.2nm,0.7s Redstone River	84.58	8	P	I Amb	03 27 24.9	-0.3
PLBC	baz=209 Pleasant Camp	84.58	20	P	P	03 27 24.9	-0.3
BPAW	baz=220 Bear Paw Mtn.	84.73	12	P	P	03 27 24.9	-1.0
BPAW	baz=206 Bear Paw Mtn.	84.73	12	P	P	03 27 24.9	-1.0
HLID	baz=206 Halley	84.73	41	P	P	03 27 26.6	0.0
I20K	baz=203 Naaghedeneel	84.74	10	P	P	03 27 25.5	-0.3
MCK	baz=203 McKinley	84.81	13	P	P	03 27 25.7	-0.6
PAX	baz=208 Paxson	84.91	14	P	P	03 27 26.7	-0.1
P30M	baz=211 Million Dollar	84.91	19	P	P	03 27 26.6	-0.3
SKAG	baz=219 Skagway	84.92	20	P	P	03 27 27.1	+0.3
YUK8	baz=220 Steele Glacier	84.99	18	P	P	03 27 27.5	-0.1
M26K	baz=216,SNR=6.7 Nabesna, AK	85.03	16	P	P	03 27 27.2	-0.2
H19K	baz=213,SNR=10.0 Roundabout Mou	85.12	9	P	P	03 27 27.4	-0.2
YUK6	baz=201 Outpost Mounta	85.12	18	P	P	03 27 27.3	-0.8
G18K	baz=218 Tagagawik	85.16	8	P	P	03 27 27.6	-0.3
YUK3	baz=199 Moose Creek	85.19	17	P	P	03 27 28.0	-0.5
S34M	baz=216 Telegraph Cree	85.26	23	P	I Amb	03 27 28.9	+0.4
S34M	comp=Z,5.9nm,0.8s Telegraph Cree	85.26	23	P	I Amb	03 27 30.3	0.0
S34M	comp=Z,5.9nm,0.8s Telegraph Cree	85.26	23	P	P	03 27 28.1	-0.4
M27K	baz=224,SNR=7.0 Edge Creek, AK	85.29	16	P	I Amb	03 27 28.9	+0.2
M27K	comp=Z,9.2nm,1.0s Edge Creek, AK	85.29	16	P	I Amb	03 27 30.0	0.0
M27K	comp=Z,9.2nm,1.0s Edge Creek, AK	85.29	16	P	P	03 27 27.6	-1.1
H20K	baz=214,SNR=6.9 Anotteneega Mo	85.32	10	P	P	03 27 28.6	-0.1
F17K	baz=196 Baldwin Pennin	85.37	7	P	P	03 27 27.4	-1.5
Y22D	baz=220 IRIS PASCALL I	85.41	52	P	P	03 27 28.3	-1.7
I21K	baz=220 Tanana	85.52	11	P	I Amb	03 27 29.4	-0.2
I21K	comp=Z,9.4nm,1.4s Tanana	85.52	11	P	I Amb	03 27 30.2	0.0
NEA2	baz=205 Nenana	85.54	12	P	P	03 27 29.1	-0.5
K24K	baz=208 Donnelly Dome	85.54	14	P	P	03 27 28.9	-0.9
P32M	baz=211,SNR=6.9 Atlin	85.56	21	P	P	03 27 29.2	-0.6
Q32M	baz=222 Nakina River	85.60	22	P	I Amb	03 27 29.0	-1.0
Q32M	comp=Z,4.1nm,0.7s Nakina River	85.60	22	P	I Amb	03 27 30.5	+0.1
Q32M	comp=Z,4.1nm,0.7s Nakina River	85.60	22	P	P	03 27 31.9	0.0
G19K	baz=223 Purcell Mounta	85.61	8	P	P	03 27 29.7	-0.7
MLY	baz=200 Manley	85.61	11	P	P	03 27 29.5	-0.6
WRH	baz=204 Wood River Hil	85.64	13	P	I Amb	03 27 29.6	-0.6
WRH	comp=Z,17nm,1.3s Mendenhall	85.69	19	P	I Amb	03 27 30.2	-0.4
O30N	baz=220,SNR=5.5 Independent Ri	85.71	14	P	I Amb	03 27 29.8	-0.8
RIDG	baz=212,SNR=6.9 Independent Ri	85.71	14	P	I Amb	03 27 31.2	0.0
RIDG	comp=Z,7.2nm,1.1s Independent Ri	85.71	14	P	I Amb	03 27 30.1	-0.6
H21K	baz=212 Melozitna Rive	85.82	10	P	P	03 27 30.2	-0.2
HDA	baz=204 Harding Lake	85.82	13	P	I Amb	03 27 30.3	-0.8
HDA	comp=Z,4.8nm,0.7s Harding Lake	85.82	13	P	I Amb	03 27 30.8	0.0
HDA	comp=Z,4.8nm,0.7s Harding Lake	85.82	13	P	P	03 27 30.6	-0.5
CCB	baz=210 Clear Creek Bu	85.85	13	P	I Amb	03 27 30.3	-0.9
CCB	comp=Z,13nm,1.2s Beaver Creek,	85.88	16	P	P	03 27 31.2	0.0
L27K	baz=214 Beaver Creek,	85.88	16	P	P	03 27 31.4	0.0
L27K	baz=214 Beaver Creek,	85.88	16	P	P	03 27 31.0	-0.3
N30M	baz=219 Aishikik Lake	85.91	18	P	P	03 27 31.0	-0.7
E17K	baz=196 Hotham Inlet	85.92	6	P	P	03 27 31.5	0.0
I23K	baz=207 Minto, Yukon-K	85.98	12	P	P	03 27 31.6	-0.2
WHY	baz=221 Whithorse	85.98	20	P	P	03 27 31.8	-0.3
TXAR	baz=221 Lajitas Array	85.99	58	P	P	03 27 34.9	+2.0
TXAR	comp=Z,1.9nm,0.8s,SNR=17 Lajitas Array	85.99	58	P	P	03 27 34.9	+2.0
MDM	baz=222 Murphy Dome	86.04	12	P	I Amb	03 27 31.2	-0.9
MDM	comp=Z,4.6nm,1.0s College	86.04	12	P	I Amb	03 27 31.9	0.0
COLA	baz=222 College	86.04	12	P	P	03 27 32.0	-0.1
DLBC	comp=Z,1.2nm,0.7s,SNR=4.8 Dease Lake	86.04	23	P	P	03 27 32.7	+0.4
DLBC	comp=Z,1.2nm,0.7s Dease Lake	86.04	23	P	P	03 27 31.6	-0.8
SCRK	baz=225 Sand Creek	86.12	14	P	P	03 27 32.3	-0.3
XLT	baz=212 XILinHaoTe	86.13	319	eP	P	03 27 33.9	+0.8
XLT	comp=Z,11nm,1.2s Albuquerque	86.13	51	P	P	03 27 33.1	+0.8
ANMO	comp=Z,0.6nm,0.3s,SNR=4.0 Albuquerque	86.13	51	P	P	03 27 34.1	+0.6
IL31	comp=Z,0.6nm,0.3s IL31	86.15	13	P	I Amb	03 27 32.0	-0.6
IL31	comp=Z,3.9nm,0.7s Eielson Array	86.15	13	P	I Amb	03 27 32.6	0.0
ILAR	comp=Z,3.9nm,0.7s Eielson Array	86.15	13	P	P	03 27 31.8	-0.9
ILAR	comp=Z,1.9nm,0.4s,SNR=53 Eielson Array	86.15	13	P	P	03 27 31.5	-1.1
F19K	baz=197 Shalercukik Mo	86.17	8	P	P	03 27 32.3	-0.3
F19K	baz=197 Shalercukik Mo	86.17	8	P	P	03 27 32.6	0.0
H22K	baz=205 Ishlaitiina Cre	86.28	11	P	P	03 27 32.8	-0.5
M29M	baz=209 Somme Creek	86.29	17	P	P	03 27 33.6	+0.1
M29M	baz=209 Somme Creek	86.29	17	P	P	03 27 33.2	-0.2
P33M	baz=223 Teslin, Yukon	86.33	21	P	P	03 27 33.9	+0.2
N31M	baz=223 Braeburn, Yuko	86.33	19	P	P	03 27 33.8	+0.2
POKR	baz=209 Poker Plat Res	86.34	13	P	P	03 27 32.8	-0.7
J25K	baz=209 Salcha River,	86.34	14	P	I Amb	03 27 33.3	-0.3
J25K	comp=Z,3.4nm,0.7s Salcha River,	86.34	14	P	I Amb	03 27 33.6	0.0
J25K	baz=211 Salcha River,	86.34	14	P	P	03 27 33.5	-0.1
R33M	baz=220 Jennings River	86.38	22	P	P	03 27 34.3	+0.3
E18K	baz=197 Tukpahleark C	86.39	7	P	P	03 27 33.7	+0.1
G21K	baz=197 Allakaket	86.49	10	P	P	03 27 34.0	-0.2
G21K	baz=197 Allakaket	86.49	10	P	P	03 27 34.2	0.0
H23K	baz=207 Yukon River	86.55	11	P	P	03 27 35.2	+0.6
K27K	baz=214 Chicken	86.62	15	P	P	03 27 35.5	+0.6
XAN	baz=214 Xtan	86.62	307	pP	P	03 27 37.3	+1.6
XAN	comp=Z,23nm,1.1s Avareat Lake	86.65	9	P	P	03 27 48.3	+1.1
F20K	baz=201 Joseph Creek	86.66	14	P	P	03 27 35.4	+0.2
J26L	baz=201 Joseph Creek	86.66	14	P	I Amb	03 27 35.8	0.0
J26L	comp=Z,4.5nm,0.8s Joseph Creek	86.66	14	P	P	03 27 35.2	+0.1
J26L	baz=213 Redstone River	86.83	8	P	P	03 27 35.7	-0.1
E19K	comp=Z,5.2nm,0.7s Redstone River	86.83	8	P	I Amb	03 27 36.4	0.0
E19K	baz=200 Redstone River	86.83	8	P	P	03 27 35.6	-0.2
M30M	baz=200 Minto, Yukon	86.87	18	P	I Amb	03 27 36.3	+0.2
M30M	comp=Z,7.2nm,0.9s Minto, Yukon	86.87	18	P	I Amb	03 27 37.0	0.0
M30M	baz=219,SNR=10 Minto, Yukon	86.87	18	P	P	03 27 36.3	+0.2
H24K	baz=209 Noodor Dome	86.88	12	P	P	03 27 36.0	-0.1
L29M	baz=209 L29M	86.91	17	P	P	03 27 36.3	-0.1
N32M	baz=218,SNR=7.4 Quiet Lake	86.94	20	P	P	03 27 37.7	+1.2
S22A	baz=222 4UR Ranch, Cre	87.06	49	P	P	03 27 37.8	-0.1
PRP	baz=244 Porcupine Dome	87.09	13	P	P	03 27 37.1	-0.1
F21K	baz=211 Alatna River	87.14	9	P	P	03 27 37.3	0.0
G22K	baz=211 Bettles	87.19	10	P	P	03 27 36.1	-1.3
G23K	baz=205 Bananza Creek	87.26	11	P	P	03 27 38.1	+0.3
M31M	baz=221 Drury Creek, Y	87.31	19	P	P	03 27 38.3	+0.2
DAWY	baz=221 Dawson	87.34	16	P	I Amb	03 27 38.8	+0.5
DAWY	comp=Z,6.0nm,1.3s Dawson	87.34	16	P	I Amb	03 27 39.2	0.0
DAWY	baz=217 Dawson	87.34	16	P	P	03 27 38.8	+0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VYHS, JAVC, PSZ, PSZ, ARR, etc.

SNET 14 03:31:25.6 0.7, 13.22N:87.94W, h8km, ML2.9
CATAC 14 03:31:25.9 0.4, 13.24N:87.95W, h4km, 2km, ML2.7

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

SJA 14 03:53:30.3 0.6, 19.01S:69.44W, h11km, 4km, ML3.8, MW3.9

IDC 14 03:53:32.4 1.6, 19.06S:69.11W, h12km, 11km, mb3.6/6, mbmp4.0/10, Error ellipse: s-maj=35.5km s-min=9.3km az=102.0

VAO 14 03:53:32.6 0.7, 18.95S:69.04W, h15km, 8km, mb3.0 GUC 14 03:53:32.3 0.7, 19.02S:69.45W, h10km, 3km, ML3.4

ISC 14 03:53:30.1 0.7, 18.99S:0.04:69.38W, 0.06, h106km, 7km, n38, +162/51, mb3.75, 1C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like G001, G001, PX02, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPAZ, LPAZ, LP04, etc.

DJA 14 04:07:05.4 0.9, 2.2N:14.127E, h97km±11km, M4.0/9, mb4.0/3, MLV4.0/9, Halmahera

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

IDC 14 04:12:35.8 0.3, 7.69S:74.63W, h146km, 3km, mb4.2/20, mbmp4.7/25, MS3.7/11, Error ellipse: s-maj=9.4km s-min=7.5km az=62.0

VAO 14 04:12:36.5 0.3, 7.70S:74.51W, h145km, 2km, mbR4.6 NEIC 14 04:12:36.4 1.8, 7.73S:0.07:74.65W:0.06, h140km, 4km, s-min=8.5km az=185.0

NEIC 14 04:12:37.9, 7.72S:74.56W, h140km Moment Tensor Solution. Duration: 188 Moment tensor: Scale 10^16Nm; Mrr-4.74; Mss-0.32; Mss5.06; Mss-0.26; Mss5.00; Mss-0.36;

GCMT 14 04:12:38.4 0.2, 7.63S:0.01:74.57W:0.02, h147km, 1km, MW5.1/130, Moment Tensor Solution. s63.674; s130.c206; Duration: 0 Moment tensor: Scale 10^16Nm;

ISC 14 04:12:36.0 0.3, 7.69S:0.04:74.65W:0.04, h147km, 2km, h147km, pP-P, n726, n683/672, mb5.0/221, 6C-23D,

Peru-Brazil border region

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

TBTG 14 04:11:03.3, 4.6S:54.8W, h8.56 km Pn Pn 04 14 01.1 +0.3

TBTG 14 04:11:03.3, 4.6S:54.8W, h8.56 km Pn Pn 04 14 01.1 +0.3

ATNT 14 04:12:36.4 1.8, 7.73S:0.07:74.65W:0.06, h140km, 4km, s-min=8.5km az=185.0

ISC 14 04:12:36.0 0.3, 7.69S:0.04:74.65W:0.04, h147km, 2km, h147km, pP-P, n726, n683/672, mb5.0/221, 6C-23D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPAZ, LPAZ, LP04, etc.

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

14d 4h

Table with columns: ID, Name, Location, Date, Time, and various performance metrics (e.g., 34.95 103 eP, 04 19 13.0 -1.3).

2018 SEP

Table with columns: ANMO, LONY, JFWS, SADO, WBO, TUC, TUC, TUC, H2A, H40A, SDCO, F64A, F64A, X18A, TRQ, PIX, LMN, S22A, S22A, SFX, OGN, M3VC, ECSD, WUAZ, LDAO, LDAO, BLYC, N23A, W13A, HMU, F33A, O20A, PKBC, KNO, TPO, LCMT, Q16A, P18A, P17A, RDMU, K22A, TCRU, RSSD, RSSD, RSSD, RSSD, PSUT, JLJ, DUC, WGT, SPR3, PD31, PDAR, PDAR, R11B, HWUT, GMN, AHID, HSP, DSV, SNOW, SMAI, SMAL, ULM, ULM, ULM, IMW, FLWY, RLMT, NV11, OMMB, NVAR, NVAR, LHV, YFT, YFT, YNR, YMR, YERR, YERR, YRRR, PNTR, BOZ, BOZ, SCHQ, SCHQ, SCHQ.

926

Table with columns: SCHQ, PAHR, DLMT, AFDM, EGMT, ORV, ORV, WVOR, WVOR, BPMT, PLID, PLID, J08A, HATC, I07A, F10A, KPM, KSBX, NEW, K02D, E07A, C09A, MXC, LTY, PGC, LLLB, DBIC, DBIC, DBIC, VNA3, VNA1, VNA1, VNA2, YKA, YKA, YKA, DY2G, DY2G, SNA, SNA, SNA, SNA, SNA, TOAD, KOTAN, LIRD, V35K, TORD, TORD, T35M, T35M, TROLL, TROLL, CRAG, DLBC, DLBC, U33K, S34M, WRGLY, ESDC, ESDC, ESDC, R33M, TGNT, Q32M, S32K, SIT, R32K, P33M, P33M, S31K, N32M, SKAG, SKAG, QSPA, QSPA, WHY, WHY.

927 2018 SEP 14d 4h

PLBC	Pleasant Camp	82.79	333	P	P	04 24 44.6	+1.2	F28M	Old Crow	87.92	340	P	P	04 25 08.6	-0.1	OHAK	Old Harbor	90.31	328	P	P	04 25 20.1	+0.1
FARO	Faro, Yukon	82.89	336	P	P	04 24 44.4	+0.4	H27K	Steamboat Moun	87.93	338	P	P	04 25 08.3	-0.6	G24K	Hadweencic Riv	90.32	338	P	P	04 25 20.1	+0.1
O30N	Mendhall	83.30	334	Iamb	Iamb	04 24 48.5		KLU	Klutina	87.94	333	P	P	04 25 09.2	+0.2	SUR	Sutherland	90.51	123	LR	LR	05 02 42.7	
O30N	Mendhall	83.30	334	P	P	04 24 46.9	+0.8	FID	Port Fidalgo	87.94	332	Iamb	Iamb	04 25 48.0		I23K	Minto, Yukon-K	90.58	336	P	P	04 25 20.5	-0.6
M31M	Drury Creek, Y	83.30	336	P	P	04 24 46.5	+0.4	SCRK	Sand Creek	88.00	336	pP	pP	04 25 09.6	+0.6	SKT	Skwentna	90.63	333	P	P	04 25 22.0	+0.4
P30M	Million Dollar	83.37	333	P	P	04 24 47.5	+1.1	SCRK	Sand Creek	88.00	337	pP	pP	04 25 49.0		SKT	Skwentna	90.63	333	pP	pP	04 25 21.6	0.0
SUMG	Summit	83.44	10	P	P	04 24 47.4	+0.3	SCRK	Sand Creek	88.00	336	P	P	04 25 09.5	+0.2	SII	Sitkinak Island	90.64	327	P	P	04 25 22.1	+0.4
SUMG	Summit	83.44	10	P	P	04 24 47.3	+0.3	J26L	Joseph Creek	88.03	336	P	P	04 25 09.7	+0.3	O20K	Slope Mountain	90.66	331	P	P	04 25 21.8	0.0
SUMG	Summit	83.44	10	Iamb	Iamb	04 24 49.8		J26L	Joseph Creek	88.03	336	P	P	04 25 49.2		SPU	Mount Spurr	90.67	332	P	P	04 25 22.4	+0.7
SUMG	Summit	83.49	333	Iamb	Iamb	04 25 23.8		J26L	Joseph Creek	88.03	336	P	P	04 25 09.6	+0.3	SPU	Mount Spurr	90.67	332	pP	pP	04 25 59.2	+0.1
P29M	Windy Craggy	83.49	333	Iamb	Iamb	04 24 49.3		P23K	Montague Islan	88.13	331	P	P	04 25 09.8	0.0	SPU	Mount Spurr	90.67	332	Iamb	Iamb	04 26 00.8	
P29M	Windy Craggy	83.49	333	P	P	04 24 48.0	+0.9	I26K	Coal Creek Min	88.17	337	P	P	04 25 09.6	-0.3	F24K	Squaw Lake	90.73	338	P	P	04 25 22.8	+0.8
N31M	Braeburn, Yuko	83.52	335	Iamb	Iamb	04 25 26.5		G27K	Doyon Strip	88.21	339	P	P	04 25 09.6	-0.5	N20K	Mount Spurr	90.74	332	P	P	04 25 21.9	-0.3
N31M	Braeburn, Yuko	83.52	335	P	P	04 24 47.9	+0.7	E28M	Babbage River	88.24	341	P	P	04 25 09.6	-0.6	SPCR	Spurr Chakacha	90.74	332	P	P	04 25 22.0	-0.1
TAM	Tamanrasset	83.98	66	P	P	04 24 50.4	-0.2	PAX	Paxson	88.25	334	P	P	04 25 10.0	-0.5	KTH	Kantishna Hill	90.78	334	P	P	04 25 23.1	+0.8
N30M	Aishikik Lake	84.05	335	Iamb	Iamb	04 25 29.8		M24K	Tolsona, Glenn	88.26	333	P	P	04 25 11.4	+0.9	KTH	Kantishna Hill	90.80	340	pP	pP	04 25 59.3	+0.1
N30M	Aishikik Lake	84.05	335	P	P	04 24 51.1	+1.2	M24K	Tolsona, Glenn	88.26	333	pP	pP	04 25 47.7	0.0	D25K	Kavik River	90.80	340	pP	pP	04 25 22.5	+0.3
O29M	Mount Kennedy	84.17	333	Iamb	Iamb	04 24 52.9		M24K	Tolsona, Glenn	88.26	333	P	P	04 25 11.4	+0.9	D25K	Kavik River	90.80	340	pP	pP	04 25 22.5	+0.3
O29M	Mount Kennedy	84.17	333	P	P	04 24 51.5	+0.8	RIDG	Independent Ri	88.27	335	P	P	04 25 10.1	-0.4	H23K	Yukon River	90.85	337	P	P	04 25 22.0	-0.5
PNL	Peninsula	84.26	333	P	P	04 24 51.9	+0.9	RIDG	Independent Ri	88.27	335	pP	pP	04 25 46.8	-0.9	PR9K	Oli Pt	90.86	330	P	P	04 25 22.1	-0.5
YUK6	Outpost Mounta	84.36	334	P	P	04 24 53.1	+1.3	RIDG	Independent Ri	88.27	335	Iamb	Iamb	04 25 50.3		ILSW	Ilamma Southw	90.89	330	P	P	04 25 23.8	+0.9
M30M	Minto, Yukon	84.46	336	P	P	04 24 52.4	+0.4	GLI	Glacier Island	88.27	332	P	P	04 25 10.3	-0.2	ILSW	Ilamma Southw	90.89	330	pP	pP	04 25 59.4	-0.8
YUK4	Talbot Arm	84.67	334	P	P	04 24 53.9	+0.7	SBA	Scott Base	88.31	191	P	P	04 25 11.9	+1.5	Q19K	Cape Douglas,	90.89	329	P	P	04 25 22.1	-0.8
PINM	Pinnacle	84.83	333	P	P	04 24 54.7	+0.8	SBA	Scott Base	88.31	191	pP	pP	04 25 47.7	-0.6	BPAW	Bear Paw Mtn.	90.95	335	P	P	04 25 23.1	+0.1
M29M	Somme Creek	85.08	335	Iamb	Iamb	04 25 34.7		SBA	Scott Base	88.31	191	pP	pP	04 25 52.0		BPAW	Bear Paw Mtn.	90.95	335	pP	pP	04 25 59.7	-0.6
M29M	Somme Creek	85.08	335	P	P	04 24 56.0	+0.8	K24K	Donnelly Dome	88.68	335	P	P	04 25 12.6	+0.2	BPAW	Bear Paw Mtn.	90.95	335	P	P	04 25 22.6	-0.4
O28M	Mount Upton	85.09	333	P	P	04 24 56.5	+1.0	SCM	Sheep Creek Mo	88.69	333	P	P	04 25 12.6	+0.1	R18K	Kariak	91.00	328	P	P	04 25 22.2	-1.1
H31M	Peel River	85.13	339	Iamb	Iamb	04 25 34.3		SCM	Sheep Creek Mo	88.69	333	pP	pP	04 25 49.5	-0.3	MLY	Manley	91.11	336	pP	pP	04 26 00.5	-0.5
H31M	Peel River	85.13	339	P	P	04 24 55.4	+0.2	E27K	Coleen River	88.76	340	P	P	04 25 12.9	+0.4	MLY	Manley	91.11	336	P	P	04 25 22.8	-0.9
YUK8	Steele Glacier	85.13	334	P	P	04 24 56.4	+0.8	J25K	Salcha River,	88.79	336	P	P	04 25 13.1	+0.1	E24K	Your Creek	91.12	339	P	P	04 25 23.0	-0.8
ELI6	Princess Elisa	85.22	162	dP	dP	04 24 56.4	+0.6	PWL	Port Wells	88.84	332	P	P	04 25 13.3	+0.1	PPLA	Purkeypple	91.16	333	P	P	04 25 24.0	-0.1
ELIB	ELIB	85.24	338	dP	dP	04 25 34.5	+1.7	PWL	Port Wells	88.84	332	pP	pP	04 25 52.1		G23K	Banza Creek	91.29	337	P	P	04 25 24.4	-0.1
J30M	Hart River	85.24	338	pP	pP	04 24 56.6	+0.7	PWL	Port Wells	88.84	332	Iamb	Iamb	04 25 52.1		M20K	Styx River	91.34	332	P	P	04 25 24.9	0.0
L29M	L29M	85.25	336	P	P	04 24 56.3	+0.4	M23K	Glacier View	88.85	333	P	P	04 25 13.3	+0.1	M20K	Styx River	91.34	332	pP	pP	04 26 01.7	-0.6
K29M	Garlow Dome	85.35	337	P	P	04 24 56.7	+0.2	D27M	Malcolm River	88.99	341	P	P	04 25 14.1	+0.3	M20K	Styx River	91.34	332	Iamb	Iamb	04 26 03.7	
TABL	Table Mountain	85.38	333	Iamb	Iamb	04 25 37.1		DOU	Dourbes	89.00	39	dP	dP	04 25 14.4	+0.2	M20K	Styx River	91.34	332	P	P	04 25 24.8	-0.2
LOGN	Logan Glacier	85.48	333	Iamb	Iamb	04 24 59.7		G26K	Porcupine River	89.04	338	pP	pP	04 25 14.4	+0.2	CHUM	Lake Minchumin	91.46	334	P	P	04 25 25.1	-0.2
I30M	Mount Dempster	85.57	338	Iamb	Iamb	04 25 36.7		DOU	Dourbes	89.04	338	P	P	04 25 13.9	-0.1	COLD	Coldfoot	91.50	338	P	P	04 25 25.3	-0.1
I30M	Mount Dempster	85.57	338	P	P	04 24 58.0	+0.5	KNK	Knik Glacier	89.06	332	P	P	04 25 13.9	-0.3	Q18K	Katmai Hardscr	91.52	329	P	P	04 25 25.4	-0.4
YAH	Yahitse	85.62	333	Iamb	Iamb	04 25 00.5		DHY	Denali Highway	89.11	334	P	P	04 25 14.1	-0.5	E23K	Chandler	91.53	339	P	P	04 25 26.0	+0.3
YUK3	Moose Creek	85.64	334	P	P	04 24 58.5	+0.4	WAT6	Susitna Watana	89.11	334	P	P	04 25 14.5	-0.2	D24K	Happy Valley	91.57	340	P	P	04 25 26.0	+0.3
MESA	MESA	85.64	332	P	P	04 24 59.1	+1.0	SML	Sawmill	89.13	333	P	P	04 25 14.6	0.0	TOLK	Tool Lake Re	91.68	339	P	P	04 25 26.4	+0.1
G31M	Satah River	85.68	340	P	P	04 24 59.3	+1.4	SEW	Seward	89.13	331	P	P	04 25 14.6	0.0	C24K	Franklin Bluff	91.70	340	P	P	04 25 26.3	0.0
CTGM	Chitina Glacie	85.68	333	Iamb	Iamb	04 25 00.5		PRP	Porcupine Dome	89.17	337	P	P	04 25 14.3	-0.2	N19K	Bonanza Creek	91.73	331	P	P	04 25 25.6	-1.1
CTG	Chitina Glacie	85.69	333	P	P	04 24 59.1	+0.9	HDA	Harding Lake	89.36	336	P	P	04 25 15.0	+0.1	N19K	Bonanza Creek	91.73	331	pP	pP	04 26 03.7	-0.4
F31M	Tsighitchic	85.77	341	P	P	04 24 58.4	+0.1	HDA	Harding Lake	89.36	336	pP	pP	04 25 16.6	+1.1	N19K	Bonanza Creek	91.73	331	Iamb	Iamb	04 26 06.4	
J29N	Klondike Camp	85.90	337	P	P	04 24 59.2	0.0	RCHB	Rochefort	89.38	39	dP	dP	04 25 15.7	-0.2	N19K	Bonanza Creek	91.73	331	P	P	04 25 26.2	-0.5
EKA	Eskdaleampur Ar	85.95	33	P	P	04 24 57.6	-1.9	RCHB	Rochefort	89.41	39	dP	dP	04 25 16.3	+0.5	P16K	Big Mountain,	91.79	330	P	P	04 25 26.5	-0.5
A36M	Sachs Harbour	86.02	346	P	P	04 25 00.5	+1.1	PMR	Palmer	89.43	333	pP	pP	04 25 16.0	+0.1	L20K	Farewell, AK	91.82	333	P	P	04 25 26.5	-0.5
NEEM	North Greenlan	86.05	5	eP	eP	04 25 04.3	-0.6	F26K	Sheenjek River	89.45	339	P	P	04 25 16.7	+0.8	O18K	Koktuh Hills	91.88	330	P	P	04 25 26.7	-0.4
NEEM	North Greenlan	86.05	5	P	P	04 25 37.5		ILAR	Eielson Array	89.46	336	P	P	04 25 15.8	-0.2	O18K	Koktuh Hills	91.88	330	pP	pP	04 26 05.2	+0.4
INK	Inuvik	86.16	341	Iamb	Iamb	04 25 38.9		ILAR	Eielson Array	89.46	336	pP	pP	04 25 15.8	-0.2	O18K	Koktuh Hills	91.88	330	Iamb	Iamb	04 26 06.3	
INK	Inuvik	86.16	341	P	P	04 25 00.1	0.0	ILAR	Eielson Array	89.46	336	P	P	04 25 52.2	-1.0	O18K	Koktuh Hills	91.88	330	pP	pP	04 26 06.3	
WAX	Waxell Ridge	86.16	333	Iamb	Iamb	04 25 02.9		BCLA	Clavina	89.52	39	dP	dP	04 25 15.7	-0.2	O18K	Koktuh Hills	91.88	330	P	P	04 25 27.5	+0.1
DAWY	Dawson	86.19	337	P	P	04 25 00.5	0.0	WAT1	Susitna Watana	89.54	334	P	P	04 25 16.6	+0.2	DAVA	Damuels	91.89	43	eP	pP	04 26 06.0	+0.8
EPYK	Eagle Plains	86.25	339	P	P	04 25 01.6	+0.9	H25L	Birch Creek	89.55	337	P	P	04 25 16.9	+0.6	Q17K	Contact Creek	91.90	328	P	P	04 25 27.7	+0.1
CRQE	Cirque	86.39	333	P	P	04 25 02.2	+0.5	RC01	Rabbit Creek A	89.56	332	P	P	04 25 16.9	+0.4	G22K	Bettles	91.91	337	P	P	04 25 27.4	+0.1
CRQM	Cirque	86.41	333	Iamb	Iamb	04 25 03.6		RC01	Rabbit Creek A	89.56	332	pP	pP	04 25 53.9	+0.4	M19K	Big River Lodg	91.92	332	P	P	04 25 27.4	-0.1
M27K	Edge Creek, AK	86.49	334	Iamb	Iamb	04 25 41.6		KEST	Kesra	89.60	54	P	P	04 25 16.9	+0.5	M19K	Big River Lodg	91.92	332	pP	pP	04 26 04.6	-0.3
M27K	Edge Creek, AK	86.49	334	P	P	04 25 02.8	+0.7	KEST	Kesra	89.60	54	pP	pP	04 25 16.9	+0.5	M19K	Big River Lodg	91.92	332	Iamb	Iamb	04 26 06.5	

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, and other parameters. Includes stations like WTTA Wattenberg, E21K Killik River, M17K Holtina River, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, and other parameters. Includes stations like BVAR, STKA, ZALV, KURK, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, and other parameters. Includes stations like TEYL, WARB, WARB, etc.

GCMT 14 04:19:50.0±0.4, 41°24'S, 0°04.85'73"W, 0.03, h21km±1km, MW4.9/7.3, 5C: Moment Tensor Solution. s22,c23; s73,c88; Duration: 0 Moment tensor: Scale 10^16Nm; ...

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, and other parameters. Includes stations like VNA3, VNA1, VNA2, etc.

DJA 14 04:22:54.1±0.4, 3°N 4°12'7E, h10km, M3.9/9, mb4.0/3, MLv3.8/9, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, and other parameters. Includes stations like SGSI, GAMI, etc.

JMA 14 04:50:22.0±0.2, 23°6'N, 0°7'12"E, h32km±4km, MV3.1/11, TAIWAN REGION, TAP 14 04:50:23.2±0.2, 23°6'N, 121°62'E, h32km, ML3.7, B, ISC 14 04:50:22.6±0.9, 23°60'N, 0°02'121.67E, 0.02, h31km±6km, n115, s063/199, 5C-30D, Taiwan

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like CHGN Chignik, J17K VABM Dome, J17K VABM Dome, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like H21K Melozitna Rive, H21K Melozitna Rive, O20K Slope Mountain, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like RIDG Independent Ri, F26K Sheenjek River, C27K Jaco Jager, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Universidad Ad, CCHEN, Cerro Caljn, San Esteban, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Warramunga Arr, Warramunga Arr, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like DRME Dracevica, Mon, BBLs Lazzi&263i, etc.

FETA Feichten 7.94 304 i Pn Pn 07 10 38.7 +2.4
comp=E.9.0nm,0.6s
comp=E.3.7nm,0.9s,SNR=4.2

NEIC 14 07:13:21.0±1.9,35°03N±0°07:92.3E±0°1, h10km,1km,
mb4.2/25, Error ellipse: s-maj=15.5km s-min=12.2km
az=266.0

IDC 14 07:13:20.3±0.7,35°00N±0°11'E, h0km, mb3.9/10,
mbmp3.9/14, ML3.7/4, MS3.2/14, Error ellipse:
s-maj=32.0km s-min=16.1km az=53.0

BUI 14 07:13:21.2±0.0,34°91N±0°32:36E, h9km, mb4.5/11, ML3.6/2,
Ms3.8/5, Ms7.3/7.6

ISC 14 07:13:21.4±0.4,35.06N±0°05:92:24E±0°05, h10km, n64,
c1157/59, mb4.2/16, MS3.3/10, Qinghai

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, H, M, S, Time, Res, ISC. Lists various seismic stations and their coordinates.

ASAR Alice Springs 70.51 140 P P 07 24 37.6 +1.1
comp=Z.0.6nm,0.9s,baz=319,slow=4.9,SNR=5.7
comp=Z.1.2nm,0.7s,baz=327,slow=6.2,SNR=14

EDSC Sonsea Array 72.83 307 P P 07 24 50.3 -0.2
comp=Z.1.6nm,0.9s,baz=49,slow=5.9,SNR=9.5
comp=Z.1.6nm,0.9s

TORD Torodi Ar. Bea 83.01 281 P P 07 25 47.1 -0.3
comp=Z.3.6nm,0.7s,baz=36,slow=5.6,SNR=23
comp=Z.3.6nm,0.7s

CPUP Villa Florida 152.51 280 PKPbc PKPbc 07 33 16.4 -1.8
comp=Z.0.6nm,0.6s,baz=104,slow=7.7,SNR=3.3

DSN 14 07:18:43.2±1.3,27.75N±55.43E, h10km, ML3.0/7, Error
ellipse: s-maj=24.4km s-min=10.2km az=64.0

TEH 14 07:18:44.3±2.7,54N±55.45E, h12km,22km, ML3.4
ISC 14 07:18:46.3±1.0,27.57N±0°04:55:45E±0°05, h15km, n25,
c1154/27, Southern Iran

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, H, M, S, Time, Res, ISC. Lists stations for the DSN and TEH events.

IDC 14 07:25:37.9±0.7,5°84N-73°48W, h135km,7km, mb3.3/3,
mbmp4.0/5, Error ellipse: s-maj=31.8km s-min=9.6km
az=134.0

RSNC 14 07:25:40.1±0.0,6°N±1°7'4W, h121km,2km, mb4.3,
ML3.4

ISC 14 07:25:38.1±0.8,5.95N±0°03:73:62W±0°03, h134km,6km,
n50, c1183/94, Colombia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, H, M, S, Time, Res, ISC. Lists various seismic stations.

NVAR Minn Array Bea 51.75 315 P P 07 34 33.1 +0.9
0.2nm,0.6s,baz=116,slow=8.1,SNR=2.8
0.2nm,0.6s

ARCES ARCES Array B 87.66 20 P P 07 38 12.1 +1.0
0.5nm,0.5s,baz=276,slow=2.6,SNR=8.8
0.5nm,0.5s

ASAR Alice Springs 148.20 234 PKPbc PKPbc 07 45 07.5 +1.8
0.7nm,0.7s,baz=118,slow=4.1,SNR=19.9

WRA Warramunga Arr 149.48 240 PKPbc PKPbc 07 45 11.9 -0.6
2.2nm,0.4s,baz=108,slow=2.8,SNR=89

JMA 14 07:36:49.6±0.2,41°10'N±0°4:142'9E±0°06, h16km,3km,
MW3.9/40, E OFF ACOMORI PREF

NIED 14 07:36:49.6±41.01N±142'93E, h16km, MW3.9, Moment
Tensor Solution, s3 Moment tensor: Scale 10^14Nm;

Failure plane solution: M=7.94000x10^14 NP1:19.00000°,
delta.00000°, lambda.89.00000°. NP2:203.00000°, delta.00000°,
lambda.93.00000°.

IDC 14 07:36:52.2±0.1,41°07'N±143°18'E, h46km,5km, mb3.9/9,
mbmp4.0/12, ML3.2/3, MS2.9/4, Error ellipse:
s-maj=30.6km s-min=10.7km az=80.0

ISC 14 07:36:52.2±0.8,41°00'N±0°04:143:02E±0°05, h45km,7km,
n40, c1141/52, mb4.0/10,4D, Hokkaido region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, H, M, S, Time, Res, ISC. Lists various seismic stations.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision.

BJI 14 07:51:23.0±0.0, 7.10N:94.20E, h82km, mb5.1/76, mB5.1/29, Ms4.5/30, Ms7.4/32

GCMT 14 07:51:23.0±0.0, 7.10N:94.20E, h101km, mb5.1/76, mB5.1/29, Ms4.5/30, Ms7.4/32

MOS 14 07:51:25.2±1.0, 7.12N:94.26E, h99km, mb5.1/48, MS4.0/4, Error ellipse: s-maj=6.8km s-min=4.1km az=106.1

BKK 14 07:51:25.1±0.9, 7.1N:5.9E, h5km, mb5.1/48, mb5.1/11, mB5.0/12, Mjma4.5/17, ML5.4/8, MLv5.3/7, Mw(mB)4.4/12

DJA 14 07:51:26.2±0.3, 7.1N:2.9E, h88km, mb5.1/47, mb5.3/47, mB5.8/13, MLv5.7/7, Mw(mB)5.4/13, Mw(mB)4.8/11, MwB5.1/1

NEIC 14 07:51:26.6±1.3, 6.83N:94.12E, h70km, Moment Tensor Solution. Duration: 158 Moment tensor: Scale 10^16Nm; M0:2.46; M1:4.92; M2:2.44; M3:0.15; M4:2.44; M5:1.66; Fault plane solution: Ms:0.7000x10^16 NP1: 0±215.76000°, 867.28000°, 132.65000°. NP2: 0±111.86000°, 860.15000°, 153.56000°. Principal axes: T 4.4289, Plg39.0000°, Azm76.0000°; N 1.2737, Plg51.0000°, Azm247.0000°; P -5.7026, Plg5.0000°, Azm342.0000°

NEIC 14 07:51:26.8, 7.13N:94.23E, h70km, IDC 14 07:51:27.4±1.0, 7.22N:94.34E, h102km, mb4.7/36, mbmp5.0/36, MS3.8/7, Error ellipse: s-maj=10.6km s-min=7.8km az=68.0

ISC 14 07:51:25.4±0.3, 7.10N:0.03E, h89km, mb5.1/207, 45C-20D, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision.

IMP comp=Z,131nm,1.5s

JHRSUGUGA 17.74 326 i x P 07 55 31.8

KHUNTI 18.05 332 ex P 07 55 27.9+1.2

TengChong 16.29 12 p P 07 55 35.8+2.3

comp=Z,63nm,0.8s

comp=Z,470nm,4.2s

comp=Z,690nm,13.6s

comp=Z,610nm,12.1s

comp=Z,410nm,17.2s

18.43 305 e P 07 54 44.4+0.4

18.44 335 i P 07 55 34.7-0.5

18.50 353 P 07 55 32.4-2.5

18.50 353 P 07 55 36.1+0.1

18.50 353 P 07 55 32.4-2.5

18.52 360 e P 07 55 34.7-0.3

18.56 111 P 07 55 39.9+3.0

18.64 139 P 07 55 35.9-0.3

18.97 323 e P 07 55 40.3+0.4

19.11 1 e P 07 55 42.5-0.9

19.25 50 P 07 55 45.6+0.8

19.25 50 P 07 55 45.6+0.8

19.25 50 P 07 55 45.6+0.8

19.25 50 P 07 55 45.6+0.8

19.25 50 P 07 55 45.6+0.8

19.25 50 P 07 55 45.6+0.8

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19.25 50 P 07 55 45.6+0.8

19.25 50 P 07 55 45.6+0.8

19.25 50 P 07 55 45.6+0.8

19.25 50 P 07 55 45.6+0.8

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision.

comp=Z,42nm,1.1s

27.13 30 P 07 57 00.7+0.3

28.16 115 P 07 57 00.9-0.6

28.16 115 P 07 57 10.8+1.1

28.16 115 LR 08 08 48.0

28.16 115 i P 07 57 09.9+0.2

28.16 115 P 07 57 08.4-1.2

28.23 113 P 07 57 10.2-0.1

28.25 328 eP 07 57 14.8+0.1

28.96 1 P 07 57 17.5+0.5

29.23 333 eP 07 57 19.4-0.1

29.40 101 P 07 57 22.5+1.8

29.59 105 P 07 57 22.0-0.1

29.59 105 P 07 57 23.5+1.1

29.59 105 P 07 57 22.7-0.3

29.59 105 P 07 57 20.7+1.3

30.04 25 P 07 57 26.1-0.1

30.04 25 P 07 57 25.3-0.3

30.04 25 P 08 00 26.9+0.6

30.04 25 P 08 02 14.8-3.4

30.04 25 P 07 57 26.0-0.2

30.04 25 P 07 57 45.2-0.6

30.04 25 P 08 00 26.9+0.4

30.04 25 P 07 57 27.6+0.3

30.04 25 P 07 58 00.8-2.6

30.04 25 P 08 00 32.3-0.7

30.04 25 P 08 02 48.4-1.3

30.04 25 P 08 04 05.9-1.5

30.53 54 P 07 57 32.2+2.6

30.54 328 eP 07 57 30.7+0.2

30.54 328 eP 07 57 31.8

30.62 55 P 07 57 33.1+1.7

30.62 55 P 07 57 35.3

30.62 55 P 07 57 34.5+3.1

31.29 53 P 07 57 40.0+2.6

31.29 53 P 07 57 45.3+1.4

31.29 53 P 07 58 00.8-2.6

31.29 53 P 08 00 32.3-0.7

31.29 53 P 08 02 48.4-1.3

31.29 53 P 08 04 05.9-1.5

31.29 53 P 07 57 32.2+2.6

31.29 53 P 07 57 30.7+0.2

31.29 53 P 07 57 31.8

31.29 53 P 07 57 33.1+1.7

31.29 53 P 07 57 35.3

31.29 53 P 07 57 34.5+3.1

31.29 53 P 07 57 40.0+2.6

31.29 53 P 07 57 45.3+1.4

31.29 53 P 07 58 00.8-2.6

31.29 53 P 08 00 32.3-0.7

31.29 53 P 08 02 48.4-1.3

31.29 53 P 08 04 05.9-1.5

Table with columns for station code, name, coordinates, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station code, name, coordinates, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station code, name, coordinates, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like KMBO Kilima Mbogo, KMBZ Khabaz, and various other broadcast stations.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like VORR Voronezh, PATS Pohnpei, and various other broadcast stations.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like MNK comp=Z,20nm,0.8s, MNC comp=N,15nm,0.8s, and various other broadcast stations.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Kasperse Hory, DEL LUNU, COLLIM, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like H16K Elim, B20K Meade River, UNV Unalaska Valle, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like K20K Telida, H22K Ishatitna Cree, E24K Yuv Cree, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CASY Casey, LUWI Luwik, TOLIZ Tolitoi, QSPA South Pole Qui, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S3 WAKE ISLAND HY, H11S2 WAKE ISLAND HY, LZH Lanzhou, PZH PanZhihua, ZALV Zalesovo Beam, etc.

IDC 14 08:07:05.9z.2.5, 6.19S, -147.41E, h0km, mb3.5/2, mbtmp3.6/4, ML3.5/1, Error ellipse: s-maj=75.8km s-min=28.3km az=97.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like VHRN Van Horn, SAND Sanderson, TXAR Lajitas Ar. Si, etc.

JMA 14 08:31:41.7,0.1,42.62N,0.5,142.00E,0.5, h40km,1km, MD4.0/40,MV4.1/40, ISHIKARI DEPRESSION. JMA Feil III at ISHIKARI DEPRESSION. SKHL 14 08:31:41.1,0.1,42.00N,141.90E, h45km,6km, mb4.7/3. NIED 14 08:31:41.7,42.61N,141.97E, h40km, MV4.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm. Min:1.52; Mxx=0.142; Myy=0.30; Mzz=0.27; Mxy=0.88; Fault plane solution: M1.76000x10^15 NP1: 0.357,0.0000,0.861,0.0000,0.76,0.0000. NP2: 0.204,0.0000,0.832,0.0000,1.113,0.0000. NEIC 14 08:31:42.0,1.5,42.60N,0.04,142.00E,0.05, h35km,2km, mb4.3/39 Error ellipse: s-maj=8.4km s-min=4.9km az=217.0 MOS 14 08:31:41.4,0.9,42.61N,141.91E, h51km, mb4.4/13, Error ellipse: s-maj=9.1km s-min=6.9km az=114.1 IDC 14 08:31:45.0,1.4,42.67N,141.94E, h66km,12km, mb3.7/19, Moment tensor: s3 Moment tensor: Scale 10^15Nm. Min:1.1,1.1km az=122.0 ISC 14 08:31:42.1,0.4,42.59N,0.03,141.96E,0.03, h40km,3km, m162,0.1920/170, mb4.3/50, MS3.4/5, 8C-18D, Hokkaido region

Main station list table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JIAM Iburiatsuma, JIBT2 Biratori 2, etc.

Main station list table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like YSS comp=N,10.0nm,0.9s, YSS comp=N,30nm,0.9s, YSS comp=N,30nm,0.9s, etc.

Main station list table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KURBB comp=Z,6.2nm,0.7s, baz=75, slow=8.8, SNR=28, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

RNSC 14 08:35:07.9, 0.0, 7'N, 1.7'W, h141km, 3km, mb3.2, mB5.2, ML2.7, Mw(m)B4.6, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BARC, BRUC, PAMC, RUSC, etc.

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

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

IDC 14 08:55:33.8, 2.6, 44.04N:148.11E, h0km, mb3.9/5, mbmp3.9/5, Error ellipse: s-maj=80.3km s-min=35.1km az=69.0

MOS 14 08:55:46.6, 1.1, 43.74N:147.22E, h96km, mb4.1/3, Error ellipse: s-maj=16.8km s-min=13.0km az=118.7

SKHL 14 08:55:48.6, 0.0, 43.80N:147.20E, h105km, 8km, mb5.5/2, msh5.9/3

NEIC 14 08:55:48.2, 1.3, 43.7N:0.1:147.2E:0.1, h92km, 7km, mb4.1/17, Error ellipse: s-maj=16.3km s-min=14.1km az=138.0

JMA 14 08:55:48.2, 0.3, 43.7N:1.0:147.7E:1, h78km, 4km, MV3.9/29, E OFF HOKKAIDO

ISC 14 08:55:47.3, 0.8, 43.74N:0.06:147.23E:0.06, h86km, 6km, n70, c089/81, mb4.0/16, 2D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SHO, YUK, NEM2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like I30M, H31M, BOOM, etc.

CATAC 14 09:01:13.1, 0.5, 13.91N:91.97W, h9km, 3km, MB4.4, mb4.3, ML4.0

NEIC 14 09:01:14.8, 2.0, 13.91N:0.08:92.00W:0.08, h35km, 2km, mb4.1/19, Error ellipse: s-maj=15.0km s-min=9.8km az=220.0

SNET 14 09:01:14.3, 1.0, 13.91N:91.78W, h0km, 172km, ML3.9 IDC 14 09:01:16.0, 0.3, 13.87N:91.93W, h51km, 59km, mb3.4/3, mbmp3.9/6, ML3.9/3, Error ellipse: s-maj=74.6km s-min=22.0km az=53.0

GCG 14 09:01:16.2, 0.3, 14.26N:91.93W, h69km, 6km, MD4.0 ISC 14 09:01:15.4, 1.5, 13.98N:0.07:92.02W:0.08, h45km, 15km, n76, c141/103, mb4.1/11, Off coast of Chiapas

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

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

TX31 14 09:08:07.7, 0.6, 16.43S:71.91W, h46km, 5km, mb4.5 NEIC 14 09:08:07.2, 2.4, 16.52S:0.06:71.82W:0.08, h50km, 7km, mb4.6/70, Error ellipse: s-maj=12.4km s-min=8.4km az=65.0

IDC 14 09:08:10.1, 2.1, 16.48S:71.69W, h60km, 18km, mb4.0/13, mbmp4.3/17, MS3.7/30, Error ellipse: s-maj=20.0km s-min=13.2km az=62.0

ISC 14 09:08:07.9, 0.4, 16.49S:0.05:71.80W:0.06, h50km, n190, s=132/165, mb4.6/41, MS3.7/27, SC, Southern Peru

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like AP01, PB18, LPAZ, GPOZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like CHIV, RCBR, PMSA, TKL, etc.

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

14C 14 09:17:02.41, 6.774N:27.10E, h0km, mbtmp:3.0/1, ML1.8/1, Error ellipse: s-maj=30.7km s-min=7.5km az=81.0

HEL 14 09:17:02.20, 6.776N:26.96E, h0km, ML1.7, Suspected explosion

KOLA 14 09:17:04.1, 6.772N:26.85E, h0km, ML2.2, Error ellipse: s-maj=7.5km s-min=5.4km az=10.0, Finland, Lapland

ISC 14 09:17:00.70, 8.6772N:0.02-27.03E:0.03, h0km, res: 09:54.0, Finland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like RAUF, VRF, VRR, etc.

14C 14 09:25:31.4, 0.6, 62.41N:149.86W, h63km, 5km, mb3.8/15, mbtmp:4.120, MS3:1/7, Error ellipse: s-maj=15.7km

NEIC 14 09:25:32.0, 1.3, 62.35N:0.03:149.59W:0.02, h61km, 4km, Error ellipse: s-maj=4.0km s-min=1.3km az=163.0

Moment Tensor Solution: Moment tensor: Scale 1015Nm; Mr=1.39; Mw=0.21; Mw1=1.18; Mw2=0.43; Mw3=0.71; Fault plane solution: Mo1.55000x1015 NP1: phi213.45000, lambda34.46000, lambda-66.99000, NP2: phi6.20000, lambda-105.01000, Principal axes: T 1.4736, P1g12.0000, Azm107.0000; N 0.1439, P1g13.0000; Azm14.0000; P -1.6175, P1g22.0000; Azm240.0000;

NEIC 14 09:25:32.8, 62.33N:149.60W, h51km, Error ellipse: s-maj=3.2, s-min=1.6, az=160W:0.05, h51km, 5km, AEIC 14 09:25:32.8, 1.6, 62.33N:0.02:149.60W:0.05, h51km, 5km, ML3.9, mb4.4/11(NEIC), ML4.1/23(NEIC), Mw4.1/74(NEIC), Error ellipse: s-maj=3.9km s-min=2.8km az=143.0

ISC 14 09:25:31.6, 0.5, 62.34N:0.03:149.66W:0.03, h63km, 4km, 326, 0982/333, mb4.2/22, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like CHULITNA, WAT7, etc.

947		2018 SEP										14d 9h						
WAT1	baz=225	S	Sn	09 25 56.8	0.0	HDA	comp=E,1.1um,0.6s			09 26 44.0	KAIM Kayak Island	3.51 131	Pn	09 26 22.6	-1.0			
PMR	baz=225		Sn	09 25 46.8	+0.3	HDA	Harding Lake	2.41 29	P	Pn	09 26 09.5	+0.8			09 27 21.4			
PMR	PMR		Sn	09 25 48.0	+0.3	L19K	White Mountain	2.44 269		Pn	09 26 09.3	+0.4	KAIM	comp=N,271nm,0.6s		IAML	09 27 21.6	
PMR	comp=E,5.5um,0.4s		IAML	09 25 59.3		L19K	comp=E,1.1um,0.4s			IAML	09 26 40.6		H24K	Noodor Dome	3.60 12	Pn	09 26 25.2	
PMR	comp=N,5.5um,0.4s		IAML	09 26 00.6		L19K	comp=N,664nm,0.3s			IAML	09 26 40.7		H24K	Noodor Dome	3.60 12	P	09 26 25.7	
PMR	Palmer	0.79 161	P	Pn	09 25 46.7	-0.3	L19K	White Mountain	2.44 269	P	Pn	09 26 09.4	+0.4	PTPK	Patty Peak	3.61 105	Pn	09 26 25.0
PMR	Palmer	0.79 161	P	Pn	09 25 46.5	-0.5	L19K	White Mountain	2.44 269	P	Pn	09 26 09.3	0.0	H21K	Melozina Rive	3.61 339	Pn	09 26 25.1
PMR	baz=344		S	09 25 58.6	+0.3	RED	Redoubt Volcan	2.44 219		Pn	09 26 09.7	+0.5	H21K	Melozina Rive	3.61 339	P	09 26 25.4	
SML	Sawmill	0.82 130	Sn	09 25 47.1	-0.4	CCB	Clear Creek Bu	2.46 19		Pn	09 26 09.3	0.0	H21K	Melozina Rive	3.61 339	P	09 26 25.4	
SML			Sn	09 25 59.6	+0.4	HIN	Hinchinbrook I	2.47 141		Pn	09 26 09.1	-0.4	KHIT	Khitrov Hills	3.62 119	Pn	09 26 24.4	
SML	comp=N,9.1um,0.6s		IAML	09 26 01.4		N25K	Chitina, Valde	2.50 105		Pn	09 26 10.0	+0.1	M27K	Edge Creek, AK	3.63 86	IAML	09 26 26.2	
SML	Sawmill	0.82 130	P	Pn	09 25 47.1	-0.4	N25K	Chitina, Valde	2.50 105	IAML	09 26 48.6		M27K	comp=E,230nm,0.9s		IAML	09 27 27.5	
WAT6	Susitna Watana	0.92 74	Pn	09 25 48.4	-0.5	N25K	Chitina, Valde	2.50 105	P	Pn	09 26 10.0	+0.1	M27K	comp=N,249nm,1.2s		IAML	09 27 43.1	
WAT6	Susitna Watana	0.92 74	P	Pn	09 25 48.4	-0.5	N25K	Chitina, Valde	2.50 105	P	Pn	09 26 10.0	+0.1	M27K	Edge Creek, AK	3.63 86	Pn	09 26 26.1
SKT	Skwentna	0.95 249	Pn	09 25 49.3	+0.1	P23K	Montague Islan	2.59 154		Pn	09 26 11.1	0.0	M27K	Edge Creek, AK	3.63 86	P	09 26 26.1	
SKT	Skwentna	0.95 249	Sn	09 26 03.1	+1.0	P23K	Montague Islan	2.59 154	P	Pn	09 26 11.1	0.0	TGL	Tana Glacier	3.63 113	Pn	09 26 24.6	
SKT	Skwentna	0.95 249	Pn	09 25 49.2	+0.1	EYAK	Cordova Ski Ar	2.60 132		Pn	09 26 10.9	-0.3	SUCK	Suckling Hills	3.64 126	Pn	09 26 24.6	
SKT	Skwentna	0.95 249	Sn	09 26 03.2	+1.2	EYAK	Cordova Ski Ar	2.60 132	P	Pn	09 26 11.1	0.0	SUCK	Suckling Hills	3.64 126	IAML	09 26 25.7	
SUA	Susitna One	1.02 211	Pn	09 25 50.4	+0.3	EYAK	Cordova Ski Ar	2.60 132	P	Pn	09 26 10.9	-0.3	SUCK	Suckling Hills	3.64 126	IAML	09 27 27.8	
SUA	Susitna One	1.02 211	P	Pn	09 25 50.4	+0.3	EYAK	Cordova Ski Ar	2.60 132	P	Pn	09 26 11.1	0.0	SUCK	Suckling Hills	3.64 126	IAML	09 27 27.8
SUA	comp=N,5.5um,0.6s		IAML	09 26 06.7		RIDG	Independent Ri	2.60 55		Pn	09 26 12.6	+1.3	O18K	Koktuh Hills	3.67 230	Pn	09 26 26.1	
SUA	comp=E,7.7um,0.6s		IAML	09 26 07.7		BRLL	Bradley Lake	2.65 194		Pn	09 26 12.8	+0.9	O18K	Koktuh Hills	3.67 230	Pn	09 26 26.1	
SUA	Susitna One	1.02 211	P	Pn	09 25 50.4	+0.3	BRSE	Bradley Lake S	2.66 192		Pn	09 26 12.5	+0.5	O18K	Koktuh Hills	3.67 230	P	09 26 26.2
M23K	Glacier View	1.06 120	Pn	09 25 50.2	-0.3	BRSE	Bradley Lake S	2.66 192		Pn	09 26 12.5	+0.5	PRP	Porcupine Dome	3.68 28	IAML	09 26 26.6	
KNK	Knik Glacier	1.09 148	Pn	09 25 51.0	+0.1	COLA	College	2.67 17		Pn	09 26 12.5	+0.4	PRP	Porcupine Dome	3.68 28	IAML	09 27 09.8	
KNK	Knik Glacier	1.09 148	P	Pn	09 25 51.0	+0.1	COLA	College	2.67 17	P	Pn	09 26 12.5	+0.4	PRP	Porcupine Dome	3.68 28	IAML	09 27 14.1
KNK	Knik Glacier	1.09 148	P	Pn	09 25 51.0	+0.1	O20K	Slope Mountain	2.68 214		Pn	09 26 13.3	+1.0	PRP	Porcupine Dome	3.68 28	IAML	09 26 26.6
KNK	Knik Glacier	1.09 148	P	Pn	09 25 51.0	+0.1	O20K	Slope Mountain	2.68 214	P	Pn	09 26 13.3	+1.0	PRP	Porcupine Dome	3.68 28	IAML	09 26 26.6
RND	Reindeer	1.14 19	Sn	09 25 51.7	+0.2	ODM	Slope Mountain	2.68 214	P	Pn	09 26 13.3	+1.0	PRP	Porcupine Dome	3.68 28	IAML	09 26 26.6	
RND	Reindeer	1.14 19	Pn	09 26 05.4	+0.1	ODM	Slope Mountain	2.68 214	P	Pn	09 26 13.3	+1.0	PRP	Porcupine Dome	3.68 28	IAML	09 26 26.6	
SCM	Sheep Creek Mo	1.21 114	Pn	09 25 52.3	-0.2	IL3	Murphy Dome	2.71 13		Pn	09 26 13.1	+0.4	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
SCM	Sheep Creek Mo	1.21 114	P	Pn	09 25 52.3	-0.2	ILAR	Eielson Array	2.74 26	P	Pn	09 26 13.2	+0.2	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6
FIS	Fire Island	1.23 193	Pn	09 25 54.1	+1.4	ILAR	Eielson Array	2.74 26	P	Pn	09 26 13.2	+0.2	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
FIS	Fire Island	1.23 193	Pn	09 25 54.1	+1.4	J20K	Nowinta River	2.74 314		Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
FIS	Fire Island	1.23 193	Pn	09 26 06.9		J20K	Nowinta River	2.74 314	P	Pn	09 26 48.1		PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
RC01	Rabbit Creek A	1.25 182	Pn	09 25 53.2	+0.2	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
RC01	Rabbit Creek A	1.25 182	Pn	09 26 11.9		J20K	Nowinta River	2.74 314	P	Pn	09 26 48.1		PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
RC01	Rabbit Creek A	1.25 182	Pn	09 26 12.6		J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
RC01	Rabbit Creek A	1.25 182	Pn	09 25 53.2	+0.2	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
DHY	Denali Highway	1.29 54	Pn	09 25 52.7	-0.9	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
DHY	Denali Highway	1.29 54	Pn	09 26 14.3		J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
DHY	Denali Highway	1.29 54	Pn	09 25 53.3	-0.3	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
DHY	Denali Highway	1.29 54	Pn	09 25 53.3	-0.3	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
PPLA	Purkeypile	1.30 297	Pn	09 25 54.2	+0.4	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
PPLA	Purkeypile	1.30 297	Pn	09 25 54.1	+0.4	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
STLK	Strandline Lak	1.33 232	Pn	09 25 54.4	+0.3	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
KTH	Kantishna Hill	1.41 13	Pn	09 25 54.4	+0.3	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
MCK	McKinley	1.44 13	Pn	09 25 56.1	+0.6	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
MCK	McKinley	1.44 13	Pn	09 25 56.1	+0.6	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
MCK	McKinley	1.44 13	Pn	09 25 56.1	+0.6	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
MCK	McKinley	1.44 13	Pn	09 25 56.1	+0.6	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
SPCG	Spurr Capps Gl	1.54 228	Pn	09 25 57.3	+0.4	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
SPCG	Spurr Capps Gl	1.54 228	Pn	09 25 57.3	+0.4	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
PWL	Port Wells	1.61 156	Pn	09 25 57.7	-0.1	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
PWL	Port Wells	1.61 156	Pn	09 25 57.7	-0.1	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
PWL	Port Wells	1.61 156	Pn	09 25 57.7	-0.1	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
PWL	Port Wells	1.61 156	Pn	09 25 57.7	-0.1	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
SPU	Mount Spurr	1.63 226	Pn	09 25 58.4	+0.3	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
SPCN	Chakachata No	1.64 228	Pn	09 25 58.8	+1.5	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
M24K	Tolsona, Glenn	1.65 97	Pn	09 25 59.5	+1.1	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
M24K	Tolsona, Glenn	1.65 97	Pn	09 25 59.5	+1.1	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
M24K	Tolsona, Glenn	1.65 97	Pn	09 25 59.5	+1.1	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
M24K	Tolsona, Glenn	1.65 97	Pn	09 25 59.5	+1.1	J20K	Nowinta River	2.74 314	P	Pn	09 26 13.7	+0.5	PRP	Porcupine Dome	3.68 28	Pn	09 26 26.6	
N20K	Mount Spurr	1.67 228	Pn	09 25 59.5	+0.9	J25K	Salcha River,	2.99 38		IAML	09 26 16.6	0.0	K17K	Chickena	3.83 60	IAML	09 26 20.1	
SPCR	Spurr Chakacha																	

14d 10h

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

2018 SEP

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Futaleuf, Pedras Altas, South Pole Qui, Milladeo Hill, Paso Flores, etc.

UPA 14 10:27:38.4-1.6, 8:59N-83:19W, h10km,6km,ML3.5
CATAZ 14 10:27:38.9-0.4, 8:64N-83:22W, h5km,2km,ML2.9
ISC 14 10:27:38.8-1.0, 8:62N-0:04-83:21W-0:03, h15km,9km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Carate, Puerto, Canoas, Volcan, etc.

ISC 14 10:33:05.6-1.3, 34:64N-24:67E, h0km, mb3.5/4,
mbmp3.6/7, ML3.8/3, Error ellipse: s-maj=25.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GVD, SOCE, JTS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Anoyia, Heraklion, Palaochocha, etc.

AKAS Malin Array Be 16.42 11 Pn Pn 10 36 57.6 -0.1
AKAS Malin Array Be 16.42 11 Pn Pn 10 36 58.2 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Malin Array, Grafenberg, etc.

REY 14 10:40:13.9, 64:66N-17:47W, h1km
IDC 14 10:40:14.9-0.7, 64:65N-17:72W, h0km, mb3.8/11,

ISC 14 10:40:15.5-0.4, 64:64N-17:59W-0:03, h10km, n123,
@191/119, mb4.2/36, Iceland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Kista, Vonarskard, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IMKO, IHAE, IKAL, etc.

DSB Dublin 12.78 148 Pn Pn 10 43 16.4 -0.6
NC204 NORARS Array S 13.27 92 Pn Pn 10 43 23.9 +0.2

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

RETA 23.03 125 eP P 10 45 22.5 +2.0
MOTA Moosalm 23.27 124 eP P 10 45 26.1 +3.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WATA, WTTA, etc.

14d 11h

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IL31, ILAR, ILAR, ILAR, ILAR, etc.

NEIC 14 10:50:39.71.9, 19:24S, 0:02:69.19W, 0:08, h101km, 5km, mb4.0/6, ML4.1 (GUC), Error ellipse: s-maj=11.2km s-min=3.0km az=85.0

SJA 14 10:50:38.1.0.6, 19:26S, 69:30W, h116km, 4km, ML4.5, MW4.2

IDC 14 10:50:39.0.6.6, 19:09S, 69:07W, h117km, 4km, mb3.9/13, mbmp4.3/16, Error ellipse: s-maj=16.5km s-min=12.2km az=68.0

GUC 14 10:50:39.5.0.7, 19:25S, 69:35W, h108km, 3km, ML4.4 VAO 14 10:50:39.0.0.6, 19:03S, 69:03W, h109km, 5km, mb4.6

ISC 14 10:50:38.1.0.4, 19:20S, 0:04:69.24W, 0:05, h109km, 4km, n199, e13/38/212, mb4.5/50, 5C-2D, Northern Chile

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like G001, G001, G001, G001, etc.

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

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

IDC 14 11:04:43.3.6.7, 21:50S, 172:78E, h0km, mb3.7/3, mbmtmp3.7/3, Error ellipse: s-maj=284.4km s-min=40.2km az=150.0, Southeast of Loyalty Islands

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

KRNET 14 11:18:27.0.1, 39:53N, 176:88E, mb2.9 SOME 14 11:18:29.0, 39:58N, 176:87E, h10km

NNC 14 11:18:30.7.1, 39:67N, 176:91E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=10.9km s-min=8.0km az=169.0

ISC 14 11:18:28.2.2, 39:41N, 176:99E, 0.06, h4km, 14km, n44, e13/69, 19C-11D, Southern Xinjiang

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ULN Ulanbaatar, CN2 Changchun, KSRs Korea Array, etc.

IDC 14 11:41:57.0.2.0.29.705x175.98W, h0km, mb4.2/3, mbtmp4.1/4, ML3.7/1, MS3.3/2, Error ellipse: s-maj=47.8km s-min=35.5km az=149.0

NEIC 14 11:41:58.7.1.6.29.83S:0.07x175.99W:0.0, h10km, 1km, mb4.6/15, Error ellipse: s-maj=17.6km s-min=6.3km az=131.0

ISC 14 11:42:02.4.0.9.29.89S:0.09x176.1W:0.1, h35km, n28, a1501/28, mb4.4/12, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like RAO Raoul Island, RTZ Ruatahunu, PPT Papeete, etc.

RSNC 14 12:18:35.1e.0.10N1.1x73W, h115km, 1km, mb3.5, ML2.6, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ARGC Ariguani, SMRC Santa Marta, etc.

IDC 14 12:20:14.0.2.1.25.49Sx175.22W, h0km, mb4.2/6, mbtmp4.2/7, ML3.7/1, MS3.4/4, Error ellipse: s-maj=91.8km s-min=27.1km az=159.0

NEIC 14 12:20:16.8.1.4.24.12S:0.08x175.50W:0.1, h10km, 1km, mb4.6/16, Error ellipse: s-maj=25.9km s-min=4.0km az=120.0

ISC 14 12:20:17.2.0.6.24.2S:0.01x175.40W:0.10, h10km, n31, a2500/26, mb4.6/14, South of Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like RAO Raoul Island, RTZ Ruatahunu, PPT Papeete, etc.

IDC 14 12:24:45.0.10.2.23.53S:179.48W, h466km, 92km, mb3.3/3, mbtmp4.2/4, Error ellipse: s-maj=89.8km s-min=23.4km az=43.0

NEIC 14 12:24:47.2.2.0.23.7S:0.1x179.3W:0.1, h494km, 8km, mb4.1/18, Error ellipse: s-maj=19.5km s-min=10.4km az=220.0

ISC 14 12:24:47.1e.0.6.23.6S:0.1x179.34W:0.10, h500km, n36, a0959/37, mb4.0/14, 4C, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MSVF Nonsavu, PINNC Pines Island, CTAO Charters Tower, etc.

KRSC 14 12:25:05.6e.2.0.58.92N:158.58E, h31km, 15km, ML4.4 IDC 14 12:25:07.6.0.7.58.65N:159.02E, h0km, mb3.8/9, mbtmp3.8/13, ML3.9/3, MS3.3/3, Error ellipse: s-maj=18.0km s-min=14.4km az=178.0

NEIC 14 12:25:09.8.1.7.58.84N:0.04x158.9E:0.1, h10km, 1km, mb4.2/137, Error ellipse: s-maj=9.3km s-min=6.4km az=79.0

NEIRS 14 12:25:11.7.59.02N:158.39E, h12km MOS 14 12:25:11.8e.0.9.58.72N:158.91E, h50km, mb4.4/7, Error ellipse: s-maj=13.5km s-min=4.2km az=93.4

ISC 14 12:25:09.3e.0.4.58.81N:0.03x158.83E:0.02, h10km, n248, a123/264, mb4.2/78, Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PALN Palana, TIGL Tigala, OSSR Ossora, etc.

C18K Utukok River 19.84 44 P P 12 29 40.5 +0.5 C19K Lookout Ridge 20.49 43 I Amb I Amb 12 29 47.8 +0.8

14d 12h

Table with columns: Station ID, Name, Time, 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 VABM Dome, Tagagawik, Kwehluik River, etc.

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Table with columns: Station ID, Name, Time, 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 MAJO Matushiro, MAJO MAJO, MJAR Matushiro, etc.

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Table with columns: Station ID, Name, Time, 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 ECSD EROS Data Cent, AKASG Malin Array B, AKBB Malin Array S, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like HNR Honiara, RK1H Rockhampton Ha, GDI15 Gladstone Soft, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like KLBR Kellerberrin, BRAT Ballarat, TOO Toolangi, WAKE Wake Island, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like MSVF Nonsavu, MSVF Nonsavu, MSVF Nonsavu, etc.

14d 15h

Table with columns for flight codes (e.g., PZH, VLA, XAN), destinations (e.g., Vladivostok, Xi'an, Shenyang), times, and status indicators (e.g., P, S, Pmax).

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Table with columns for flight codes (e.g., THZ, BNX, PYZ), destinations (e.g., Topouse, BinXian, Mavora Lakes), times, and status indicators (e.g., P, S, Pmax).

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Table with columns for flight codes (e.g., UGL, KLR, ZIRO), destinations (e.g., Uglegorsk, Kul'dur, ZIRO), times, and status indicators (e.g., P, S, Pmax).

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like G18K Tagagawik, E18K Tukphalearik C, M19K Big River Ldg, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PPLA Avarast Lake, F20K Avarast Lake, SUA Susitna One, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NEA2 Nenana, NEA2 Nenana, FAQ Al Faqa, Dubai, etc.

14d 15h

Table with columns for station ID, name, elevation, date, and various status codes. Includes stations like J25K Salcha River, ABTO Aytub, RIDG Independent Ri, etc.

2018 SEP

Table with columns for station ID, name, elevation, date, and various status codes. Includes stations like C27K Jago River, EGAK Eagle, YUK8 Steele Glacier, etc.

966

Table with columns for station ID, name, elevation, date, and various status codes. Includes stations like E29M Blow River, N31M Braeburn, YUK8 Steele Glacier, etc.

V35K	S	S	16 14 21.6 +1.4
HG4B	baz=268	Hot Spring	92.24 38 Iamb Iamb 16 03 22.9
KBD	Kabd	92.31 299 P	16 03 21.7 -0.8
S34M	Telegraph Cree	92.43 32 IAMS_20 IAMS_20	16 41 29.2
S34M	Telegraph Cree	92.43 32 P	16 03 22.5 0.0
R33M	Jennings River	92.55 31 Iamb Iamb	16 03 24.8
R33M	Jennings River	92.55 31 P	16 03 23.4 +0.2
R33M	baz=269,SNR=13	S	16 14 27.8 +3.3
MAK	Makhachkala	92.84 313 eP	16 03 21.7 -3.0
MAK		e	16 07 07.1
MAK		eSS	16 13 52.2
MAK		eSSS	16 24 19.7
MAK		pmax	
T35M	Bob Quinn	92.89 33 IAMS_20 IAMS_20	16 36 41.4
T35M	Bob Quinn	92.89 33 P	16 03 24.7 0.0
BELG	Belogoroye	92.93 322 P	16 03 23.5 -1.4
BELG	comp=Z,144nm,1.0s,baz=100,slow=0.8,SNR=28	LR	16 47 02.3
U35K	Hyder	93.00 34 P	16 03 24.8 -0.3
GRNB	Grenville Isla	93.02 36 Iamb Iamb	16 03 26.5
DLBC	Dease Lake	93.03 32 LR	16 41 32.5
DLBC	Dease Lake	93.03 32 P	16 03 25.2 -0.1
WTLY	Watson Lake, Y	93.66 30 P	16 03 28.2 0.0
TGNT	Hyland Airport	93.89 29 P	16 03 29.3 +0.1
RAYN	Ar Rayn	94.12 293 P	16 03 29.7 -1.4
RAYN	Ar Rayn	94.12 293 iP	16 03 30.3 -0.8
RAYN	Ar Rayn	94.12 293 P	16 03 30.2 -0.9
RAYN	Ar Rayn	94.12 293 P	16 03 29.7 -1.4
RAYN	comp=Z,19nm,0.9s	pmax	
RAYN	comp=Z,90nm,22.0s	MLR	MLR
BBB	Bella Bella	94.14 38 LR	16 36 54.1
HOLB	Holberg	94.14 40 IAMS_20 IAMS_20	16 36 50.0
A36M	Sachs Harbour	94.54 18 Iamb Iamb	16 03 32.0
A36M	Sachs Harbour	94.54 18 P	16 03 30.8 -1.1
GNI	Garni	94.90 310 P	16 03 33.1 -1.3
GNI	comp=Z,3.1nm,0.3s,baz=36,slow=19,SNR=3.9	LR	16 49 47.3
GNI	comp=Z,428nm,21.9s,baz=88,slow=38	P	16 03 33.7 -0.8
GNI	comp=Z,3.1nm,0.3s	pmax	
ELIB	Princess Elisa	94.99 196 dP	16 03 35.6 +1.4
ELIB	comp=Z,50nm,1.3s	dP	
LIRD	Liard River Hi	95.04 31 P	16 03 45.7 -0.8
C36M	Paulatuk	95.17 21 Iamb Iamb	16 03 34.8
C36M	Paulatuk	95.17 21 P	16 03 34.1 -0.7
TOAD	Toad River Com	95.52 31 P	16 03 35.1 -1.7
NCK	Nalchik	95.70 313 iP	16 03 36.4 -1.5
NCK	comp=Z,23nm,1.2s	pmax	
WRGLY	Wrigley	96.03 27 IAMS_20 IAMS_20	16 43 49.7
WRGLY	Wrigley	96.03 27 P	16 03 37.6 -1.2
KOTAH	Kotaneelee Air	96.07 30 P	16 03 38.1 -0.8
KARS	Kars	96.16 310 IAMS_20 IAMS_20	16 55 16.4
KBZ	Khabaz	96.20 314 P	16 03 38.1 -2.0
KBZ	Khabaz	96.20 314 iP	16 03 38.3 -1.8
KIV	Kislovodsk	96.34 314 P	16 03 39.0 -1.9
KIV	Kislovodsk	96.34 314 eP	16 03 38.8 -2.1
KIV		e	16 07 32.0
KIV		eSS	16 14 12.3
KIV		eSSS	16 21 25.9 +5.6
KIV		pmax	
KIV	comp=Z,11nm,1.1s	pmax	
ATD	Arta Tunnel	96.36 281 LR	16 49 47.7
ATD	Arta Tunnel	96.36 281 P	16 03 48.0 +6.5
VRH	Novokhopovsk	96.62 321 eP	16 03 39.2 -2.6
NLWA	Neilton Lookou	97.06 43 IAMS_20 IAMS_20	16 37 40.6
WISH	Wishkah	97.15 43 Iamb Iamb	16 03 46.1
WISH	comp=Z,57nm,1.2s	IAMS_20 IAMS_20	16 39 49.9
RADR	Rader Ridge	97.17 44 IAMS_20 IAMS_20	16 42 52.5
KMPM	Mount Pierce	97.24 50 Iamb Iamb	16 03 46.9
KMPM	comp=Z,33nm,1.2s	IAMS_20 IAMS_20	16 41 23.1
J01E	Myrtle Point	97.26 47 IAMS_20 IAMS_20	16 40 25.2
PGC	Sidney	97.26 41 IAMS_20 IAMS_20	16 38 29.7
HEBO	Mount Hebo	97.27 45 IAMS_20 IAMS_20	16 39 42.4
KRPM	Rodgers	97.28 49 Iamb Iamb	16 03 47.2
KRPM	comp=Z,42nm,1.2s	IAMS_20 IAMS_20	16 39 33.1
JCC	Jacoby Creek	97.30 49 IAMS_20 IAMS_20	16 39 31.5
KXSX	Camp Six Broad	97.36 48 P	16 03 45.7 +0.1
KXSX	comp=Z,3um,22.0s	IAMS_20 IAMS_20	16 38 03.3
F03A	Seaside	97.37 44 IAMS_20 IAMS_20	16 39 24.8
KHMM	Horse Mountain	97.52 49 Iamb Iamb	16 03 48.3
KHMM	comp=Z,93nm,1.2s	IAMS_20 IAMS_20	16 39 16.3
KMRM	Mali Ridge	97.57 50 IAMS_20 IAMS_20	16 41 31.7
L02F	Face Junction	97.58 48 IAMS_20 IAMS_20	16 38 21.8
G03D	McMinnville, O	97.62 45 IAMS_20 IAMS_20	16 38 29.5
COR	Corvallis	97.63 46 IAMS_20 IAMS_20	16 41 23.9
KCPM	Cahto Peak	97.69 51 IAMS_20 IAMS_20	16 41 49.0
LABN	Labinsk	97.72 314 eP	16 03 52.9 +5.9
LABN		e	16 07 50.3
LABN		eSP	16 16 37.9 +5.6
LABN	comp=Z,51nm,0.6s	pmax	
LABN	comp=N,2um,20.0s	MLR	MLR
LABN	comp=N,2um,20.0s	MLR	MLR
LABN	comp=E,2um,21.0s	MLR	MLR
LABN	comp=Z,2um,21.0s	MLR	MLR

F04D	Rainier, OR	97.74 44 IAMS_20 IAMS_20	16 39 25.6
GNW	Green Mountain	97.76 43 IAMS_20 IAMS_20	16 38 37.0
DBO	Dodson Butte	97.76 47 IAMS_20 IAMS_20	16 40 40.5
ERBR	Yeremizin-Bor	97.81 316 eP	16 03 45.8 -1.6
ERBR		eSP	16 07 46.9
ERBR		pmax	16 16 30.2 -3.1
ERBR	comp=Z,61nm,1.1s	MLR	MLR
ERBR	comp=N,2um,24.0s	MLR	MLR
ERBR	comp=Z,1um,23.0s	MLR	MLR
BUCK	Buck Mountain	97.88 46 Iamb Iamb	16 04 02.9
HUMO	Hull Mountain	98.00 48 IAMS_20 IAMS_20	16 40 46.0
H04D	Lebanon	98.04 46 Iamb Iamb	16 03 49.9
H0PS	Hopland Field	98.12 51 IAMS_20 IAMS_20	16 40 05.4
VORR	Voronezh	98.15 322 eP	16 03 46.3 -2.4
VORR		pmax	
F04A	Amboy	98.16 44 IAMS_20 IAMS_20	16 39 48.8
VSR	Storozhevo	98.22 321 eP	16 03 44.7 -4.3
VSR		pmax	
LPSR	Galich'ya Gora	98.23 323 eP	16 03 45.2 -3.8
LPSR		pmax	
YBH	Yreka Blue Hor	98.24 48 LR	16 39 03.9
002D	Mt. Diablo Mer	98.27 50 P	16 03 50.6 +0.9
002D	comp=Z,40nm,1.1s	Iamb	16 03 51.7
002D	comp=Z,3um,20.0s	IAMS_20 IAMS_20	16 42 04.4
GDXM	Geyssers	98.34 51 IAMS_20 IAMS_20	16 52 19.4
H04A	Detroit Lake	98.42 45 IAMS_20 IAMS_20	16 39 37.8
APA	Apaltity	98.45 338 iP	16 03 47.6 -2.1
APA		i	16 14 23.0
APA		iS	16 15 07.0 -8.0
APA		iPS	16 16 42.0 -2.8
APA		iSS	16 22 01.0 +1.4
APA	comp=Z,20nm,1.0s	pmax	
L04D	Klamath Falls	98.51 48 IAMS_20 IAMS_20	16 39 02.4
SOC	Sochi	98.51 313 eP	16 03 53.6 +3.0
SOC		ePPP	16 07 49.3
SOC		eSS	16 09 53.3
SOC		eSSS	16 22 03.4 +1.6
SOC		MLR	16 25 47.4
LOH	Longmire	98.52 43 IAMS_20 IAMS_20	16 47 07.1
MOS	Moscow	98.61 326 eP	16 03 47.2 -3.5
MOS		e	16 07 47.8
MOS	comp=Z,44nm,0.8s	pmax	
MOS	comp=Z,2um,23.0s	MLR	MLR
HOOD	Mount Hood Mea	98.75 45 IAMS_20 IAMS_20	16 41 19.4
NVL	N'azarevskaya	98.77 196 iP	16 03 51.4 +0.3
NVL		pmax	
K04D	Chloiquin, OR	98.89 47 IAMS_20 IAMS_20	16 42 13.8
G05A	Wamic	98.99 45 IAMS_20 IAMS_20	16 46 27.4
J05D	Fort Rock, OR	99.22 47 IAMS_20 IAMS_20	16 41 39.0
LTY	Liberty	99.24 43 IAMS_20 IAMS_20	16 43 27.4
OBN	Obninsk	99.30 325 IAMS_20 IAMS_20	16 50 18.0
OBN	Obninsk	99.30 325 P	16 03 52.1 -1.7
OBN	Obninsk	99.30 325 PP	16 07 56.8 0.0
OBN	comp=Z,9.6nm,0.4s,baz=69,slow=8.6,SNR=12	LR	
OBN	comp=Z,10nm,0.4s,baz=60,slow=8.4,SNR=7.0	LR	16 50 30.2
OBN	comp=Z,2um,21.9s,baz=63,slow=36	PM	
OBN	Obninsk	99.30 325 iP	16 03 52.1 -1.7
OBN		eSP	16 04 08.6 -2.1
OBN		eS	16 07 56.9
OBN		eSPS	16 14 19.0 -1.0
OBN		eSS	16 16 57.8 +3.5
OBN		eSSS	16 17 35.9
OBN		pmax	16 25 53.0
OBN	comp=Z,60nm,1.2s	MLR	MLR
OBN	comp=Z,2um,22.0s	MLR	MLR
ORV	Oroville	99.30 51 P	16 03 54.0 -0.2
ORV	Oroville	99.30 51 P	16 03 54.0 -0.2
ORV	comp=Z,30nm,1.4s	MLR	MLR
BELA	Belgrano 2	99.31 181 Iamb Iamb	16 03 55.1
PINE	Pine Mountain	99.38 46 IAMS_20 IAMS_20	16 42 13.4
KBS	Kingsbay	99.44 351 IAMS_20 IAMS_20	16 46 05.1
G06A	Carlson Farm,	99.47 45 IAMS_20 IAMS_20	16 39 26.5
SAO	San Andreas Ge	99.53 53 IAMS_20 IAMS_20	16 41 07.0
BBBG	Big Mountain B	99.87 54 IAMS_20 IAMS_20	16 45 51.0
F07A	Phinny Hill Vi	99.89 44 IAMS_20 IAMS_20	16 41 17.7
B08A	Colville Reser	100.02 42 IAMS_20 IAMS_20	16 41 10.6
ANN	Anapa	100.04 315 iP	16 03 54.6 -2.7
ANN		eSP	16 08 08.2
ANN		eSP	16 16 56.0 -1.3
ANN	comp=Z,140nm,2.2s	MLR	MLR
ANN	comp=E,1um,22.0s	MLR	MLR
ANN	comp=N,1um,24.0s	MLR	MLR
PMPB	Monarch Peak	100.08 54 IAMS_20 IAMS_20	16 44 24.8
HAWA	Hanford	100.11 44 IAMS_20 IAMS_20	16 45 13.4
YKA	Yellowknife Ar	100.15 27 P	16 03 55.8 -1.6
YKA	comp=Z,1.9nm,0.8s,baz=283,slow=10.0,SNR=4.1	PP	16 07 57.7 -5.4
TROLL	Troll, Antarti	100.22 193 iP	16 20 14.4 -3.6
TROLL	comp=Z,102nm,0.7s	PM	
TROLL		iPdiff	16 03 58.9 +1.1
CMB	Columbia Colle	100.28 52 IAMS_20 IAMS_20	16 47 09.8
WLRN	Wolmera	100.39 279 eP	16 08 14.3 +7.5
I07A	Ize	100.39 46 IAMS_20 IAMS_20	16 41 14.9
FURI	Furi	100.40 278 eP	16 04 07.4 +7.4
DOB	Wollman Farm	100.45 43 IAMS_20 IAMS_20	16 44 12.3
MPK	Martis Peak	100.46 51 IAMS_20 IAMS_20	16 39 32.2
ARCES	ARCES Array B	100.65 341 P	16 03 58.2 -1.3
ARCES	comp=Z,26nm,0.9s,baz=69,slow=6.6,SNR=26	PP	

ARCES	comp=Z,2.0nm,0.7s,baz=94,slow=8.9,SNR=3.8	PP	PP	16 08 04.9 -1.8
C09A	Chrisman Ranch	100.79 42 IAMS_20 IAMS_20	16 41 44.2	
E09A	Wood Farm, Sta	101.05 43 IAMS_20 IAMS_20	16 42 15.2	
WVOR	Wild Horse Val	101.20 47 IAMS_20 IAMS_20	16 40 53.6	
J08A	Circle Bar Ran	101.21 46 IAMS_20 IAMS_20	16 42 51.8	
KMBO	Kilima Mbogo	101.45 268 P	16 04 05.3 +0.7	
KMBO	Kilima Mbogo	101.45 268 P	16 04 03.8 -0.9	
KMBO	comp=Z,2.1nm,0.9s,baz=147,slow=7.8,SNR=6.1	PP	16 08 13.9 -0.8	
KMBO	comp=Z,0.6nm,0.3s,baz=74,slow=8.3,SNR=3.6	PP	16 04 06.1 +1.5	
NEW	Newport	101.49 41 IAMS_20 IAMS_20	16 40 20.6	
ASF	Jabal Al Asfar	101.56 302 P	16 04 04.2 -0.4	
SNAA	Sanae	101.60 192 iP	16 20 09.7 -4.2	
SNAA	comp=Z,58nm,1.1s	iPdiff	16 04 04.5 +0.7	
SNAA	Sanae	101.60 192 P	16 04 04.3 +0.5	
SNAA	comp=Z,12nm,1.1s,baz=124,slow=5.3,SNR=22	PP	16 08 19.0 +5.3	
F10A	Beach Range, E	101.75 44 IAMS_20 IAMS_20	16 40 15.9	
BNN	Bunyan	101.84 309 IAMS_20 IAMS_20	16 54 38.1	
BMO	Blue Mountains	101.86 45 IAMS_20 IAMS_20	16 41 27.7	
NVAR	Mina Array Bea	101.88 51 P	16 04 05.5 -0.4	
NVAR	comp=Z,4.4nm,1.0s,baz=262,slow=6.1,SNR=19	PP	16 08 16.8 -0.5	
ISA	Isabella, Lake	102.01 54 IAMS_20 IAMS_20	16 46 48.8	
Q09A	Carvers	102.71 51 IAMS_20 IAMS_20	16 42 23.0	
PLID	Pearl Lake	102.74 44 IAMS_20 IAMS_20	16 45 22.0	
MMAI	Mount Meron Ar	102.75 303 P	16 04 08.1 -1.7	
GRAC	Grapevine Rang	102.77 53 IAMS_20 IAMS_20	16 42 17.7	
BZK	Bozkurt	102.87 312 IAMS_20 IAMS_20	17 00 10.9	
EDM	Edmonton	102.92 36 IAMS_20 IAMS_20	16 43 31.9	
VNA2	Neumayer-Watz	103.08 191 iP	16 20 05.0 -4.4	
VNA2	comp=Z,0.5nm,0.4s,baz=343,slow=2.9	iPdiff	16 04 11.2 +0.9	
FINES	FINESS Array B	103.20 333 Pdiff	16 04 09.0 -1.9	
FINES	comp=Z,5.0nm,0.9s,baz=105,slow=8.8,SNR=5.9	PP	16 08 27.6 +1.5	
VNA3	Neumayer Olymp	103.23 190 iP	16 20 04.5 -4.5	
VNA3	comp=Z,1.3nm,0.8s	iPdiff	16 04 11.6 +0.6	
GSC	Goldstone, Bar	103.40 55 IAMS_20 IAMS_20	16 46 56.6	
BRTR	Keskin Array B	103.44 310 Pdiff	16 04 10.8 -2.0	
BRTR	comp=Z,3.2nm,0.9s,baz=107,slow=4.8,SNR=11.9	PP	16 08 29.5 +0.6	
VNA1	Neumayer-Stat	103.47 191 iP	16 20 04.7 -3.5	
VNA1	comp=Z,7.4nm,1.2s	iPdiff	16 04 11.7 -0.3	
LODK	Lodwar	103.54 273 eP	16 04 16.7 +3.0	
MFO	Missoula	103.86 42 IAMS_20 IAMS_20	16 43 19.3	
TSP0	Pinon Flats	103.86 56 P	16 04 13.3 -1.5	
ELK	Elko	103.94 49 IAMS_20 IAMS_20	16 44 08.4	
ELK	Elko	103.94 49 P	16 20 09.4 +3.2	
S11A	Rachel	103.97 52 IAMS_20 IAMS_20	16 43 54.6	
GRD1				

Table with columns: YNR, HWUT, TPAW, PIX, AHID, FLOWY, REDW, MTPU, PKCU, LKWKY, ELL, JLU, U15A, SUW, BSUT, RLMT, ISR, PDAR, PDAR, SRU, HMU, P18A, MLR, MBAR, SRIG, RDMU, VOIR, ELND, TUC, KWP, FFC, LSZ, LAO, HSG, BOSA, HFS, O20A, MARR, DGMT, NB2, NB2, NOA, NOA, K22A, GZR, LPIG, SURR, BZS, N23A, N23A, S22A, S22A, MDRV, 121A, RSSD, BOVS, ISCO, OKC, VYHS, VYHS, VYHS, ANMO, ANMO, MORC, MORC, MORC, SDCC, BRIG, RGN, JAVC, OSTC, DPC, EPT, CHVC, UPC, MORH, MODS, WRAC, WRAC, WRAC, E28A, KRUC, MDND, TREC, PVCC, GOPC, RONA, BRG

Table with columns: BRG, BRG, BRG, BRG, BRG, BRG, BRG, PRU, PRA, OGN, CONA, KSCO, CLL, CLL, CLL, CLL, HPIG, ZVC, ULM, ULM, CKRC, CKRC, KHC, KHC, KHC, KHC, KHC, GERES, SOKA, CRES, KBOJ, OBKA, BIOA, LJU, LJU, TXAR, TXAR, KBA, GRA1, GRFO, F33A, LESA, SAKS, SBKS, ABTA, BGNE, TIP, WTTA, WATA, MOTA, R32A, RETA, ELIS, PAOL, FETA, STU, G3MA, LUMA, OK038, DAVA, WIN, BFO, BFO, BFO, WMOR, MEM, CROK, KSU1, TSUM, TSUM, N35A, SPMM, JCTA, BCLA, OK029, ECH, BMR, OK051, T05A, T35A

Table with columns: FW03, DOU, OK031, OK052, 833A, 833A, EKA, EKA, FW07, SCIA, LOOK, FW06, WHTX, N38A, TUL3, 435B, 435B, P38A, I40A, RLO, U38A, JFW5, S39A, 237A, HHAR, P40A, I42A, CLF, IVI, N41A, R40A, HKT, SSB, MGMO, DSB, CCM, CCM, CCM, CCM, HDIL, E46A, L44A, SLM, KEST, T42A, FVM, Z41A, PBMO, Q44A, CGM3, L46A, S44A, S44A, PARMO, SCHO, SFIN, PFBN, LNXT, P46A, HICK, MET, HALT, T45A, CEST, BLO, OXF, Y45A, O48B, O48B, WVT, ETOS, W4C1, W4C1, W4C1, P49A, P49A, Z47A, CLTN, N51A, X48A, P51A, T50A, DELO

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like 052A Adamsville, LDAO Lac Daran, J55A Hilton, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HIZ Hauriti, HIZ Hauriti, BFZ Birch Farm, etc.

IDC 14 15:57:45.6:3.2, 4.78S: 102:33E, h0km, mb3.9/7, mbtmp4.0/7, Error ellipse: s-maj=135.8km s-min=22.5km az=54.0

IDC 14 15:57:51.9:2.8, 4.6S:0.5:102.7E:0.7, h35km, n17, s=148/8, mb4.0/7, Southern Sumatara

IDC 14 16:02:57.0:1.5, 3.8S:0.1:179.2W:0.1, h10km, 2km, mb4.7/12, Error ellipse: s-maj=21.1km s-min=17.4km az=22.0

RC01	comp=N,1um,0.9s	IAML	17 30 57.3	SCM	baz=107,SNR=24	3.62	25	Pn	Pn	17 30 23.2 +0.1	PINM	Pinnacle	5.49	70	P	Pn	17 30 50.0 +1.2			
RC01	Rabbit Creek A baz=190,SNR=178	2.52	9	P	Pn	17 30 08.1 +0.1	SCM	comp=E,609nm,0.9s	3.62	25	P	Pn	17 30 23.9 +0.7	BPWA	Bear Paw Mtn.	5.51	358	P	Pn	17 30 49.0 -0.1
PWL	Port Wells	2.52	26	P	Pn	17 30 08.1 0.0	SCM	Sheep Creek Mo baz=208,SNR=68	3.62	25	P	Pn	17 30 23.9 +0.7	M15K	Kasiguk River baz=108	5.53	296	P	Pn	17 30 48.9 -0.4
PWL	comp=N,2um,1.0s	IAML	17 30 53.2	HMT	Hamilton	3.66	59	Pn	IAML	17 30 23.7 0.0	O14K	Tiguykaiuiv M	5.57	281	Pn	Pn	17 30 49.7 -0.1			
PWL	Port Wells baz=207	2.52	26	P	Pn	17 30 08.3 +0.2	HMT	comp=E,673nm,0.7s	3.71	37	P	Pn	17 30 25.2 +0.7	O14K	Tiguykaiuiv M	5.57	281	Pn	Pn	17 30 49.9 +0.1
P18K	Big Mountain, P18K	2.53	290	P	Pn	17 30 06.7 -1.5	KLU	Klutina	3.71	37	P	Pn	17 30 25.2 +0.7	K17K	Edgemoor baz=146,SNR=19	5.60	321	P	Pn	17 30 49.9 -0.3
P18K	comp=N,1um,1.1s	IAML	17 30 59.7	KLU	comp=N,420nm,1.0s	3.71	37	P	Pn	17 30 25.4 +0.9	L26K	Log Cabin Wild baz=221	5.67	36	P	Pn	17 30 53.1 +1.9			
P18K	Big Mountain, baz=106	2.53	290	P	Pn	17 30 06.9 -1.2	SUCK	Klutina baz=221,SNR=24	3.71	37	P	Pn	17 30 25.4 +0.9	O28M	Mount Upton baz=252,SNR=26	5.69	63	P	Pn	17 30 53.2 +1.4
AFA	Angle Creek He Fire Island	2.53	263	Pn	Pn	17 30 07.9 -0.3	CUT	Suckling Hills	3.78	64	Pn	Pn	17 30 26.7 +1.4	K24K	Donnelly Dome baz=206,SNR=14	5.70	22	Pn	Pn	17 30 53.2 +1.5
ANCK	Angle Creek	2.62	263	Pn	Pn	17 30 09.5 +0.1	CUT	Chulitna	3.81	2	P	Pn	17 30 26.6 +0.9	J18K	Innoko River baz=146,SNR=19	5.71	331	P	Pn	17 30 51.4 -0.4
SPU	Mount Spurr	2.68	345	IAML	Pn	17 30 10.3 0.0	M19K	Big River Lodg	3.81	332	Pn	IAML	17 30 25.2 -0.5	M27K	Edge Creek, AK baz=232	5.71	45	P	Pn	17 30 53.6 +1.7
SPU	Mount Spurr	2.68	345	IAML	Pn	17 30 58.6	M19K	comp=E,520nm,1.0s	3.81	332	Pn	IAML	17 31 38.2	BCPM	Bancas Point	5.77	72	P	Pn	17 30 53.1 +0.5
O18K	Koktuh Hills	2.68	300	Pn	Pn	17 30 09.4 -0.9	M19K	comp=N,336nm,1.1s	3.81	332	P	Pn	17 30 25.6 -0.1	J20K	Novitna River baz=161,SNR=32	5.84	344	P	Pn	17 30 54.0 +0.5
O18K	comp=E,2um,0.6s	IAML	17 30 59.3	BMRM	Bremner River baz=234,SNR=51	3.83	49	P	Pn	17 30 26.6 +0.6	RIDG	Independent Ri baz=211	5.84	26	P	Pn	17 30 55.0 +1.3			
O18K	comp=N,2um,1.1s	IAML	17 30 59.3	R16K	Pilot Point baz=72,SNR=13	3.86	257	P	Pn	17 30 26.1 -0.3	N14K	Kuskokwak Cree baz=99,SNR=21	5.84	288	P	Pn	17 30 54.2 +0.6			
O18K	Koktuh Hills	2.68	300	P	Pn	17 30 09.6 -0.7	N17K	Nushagak Hills	3.87	303	IAML	17 31 34.8	PNL	Peninsula	5.85	75	P	Pn	17 30 55.0 +1.2	
N20K	Mount Spurr baz=162,SNR=95	2.72	343	P	Pn	17 30 10.6 -0.2	N17K	comp=N,629nm,0.8s	3.87	303	IAML	17 31 40.0	PNL	Peninsula	5.85	75	P	Pn	17 30 54.4 +0.6	
N20K	comp=N,1um,1.1s	IAML	17 30 43.0 -0.5	N17K	comp=N,629nm,0.8s	3.87	303	P	Pn	17 30 25.9 -0.7	J19K	Pooman baz=159,SNR=30	5.92	338	P	Pn	17 30 54.1 -0.5			
SPCR	Spurr Chakacha	2.72	343	Pn	Pn	17 30 10.9 0.0	N17K	comp=E,469nm,1.1s	3.87	303	P	Pn	17 30 25.9 -0.7	YUK3	Moose Creek baz=242,SNR=15	5.96	54	P	Pn	17 30 54.3 -1.1
SPCR	Spurr Chakacha	2.72	343	P	Pn	17 30 10.8 -0.1	N17K	Nushagak Hills baz=117,SNR=18	3.87	303	P	Pn	17 30 25.9 -0.7	WRH	Wood River Hill	6.00	10	Pn	Pn	17 30 55.8 0.0
SPCR	Spurr Chakacha baz=162,SNR=88	2.72	343	P	Pn	17 30 10.6 -0.3	P16K	Nushagak River baz=93,SNR=41	3.88	279	P	Pn	17 30 26.4 -0.1	NEA2	Nenana	6.04	6	P	Pn	17 30 56.0 -0.4
SPCR	baz=162	Sb	Sb	17 30 51.6 +2.4	M18K	Stony River baz=136,SNR=101	3.90	320	P	Pn	17 30 26.5 -0.5	NEA2	Nenana baz=188,SNR=23	6.04	6	P	Pn	17 30 56.2 -0.1		
HIN	Hinchinbrook I	2.74	48	IAML	Pn	17 30 11.0 -0.1	CHIR	Chirikof Islan	3.92	227	P	Pn	17 30 26.1 -1.1	YUK8	Steele Glacier baz=248	6.06	59	P	Pn	17 30 57.9 +1.1
HIN	Hinchinbrook I comp=E,2um,1.2s	2.74	48	IAML	Pn	17 31 09.0	CHIR	Chirikof Islan baz=42	3.92	227	P	Pn	17 30 25.8 -1.4	HDA	Harding Lake baz=198,SNR=54	6.07	15	P	Pn	17 30 57.1 +0.4
HIN	comp=N,2um,1.1s	IAML	17 31 14.8	BERG	Berg Lake	3.93	60	Pn	Pn	17 30 26.9 -0.5	M14K	Bethel	6.15	295	Pn	Pn	17 30 59.7 +1.9			
CRP	Crater Peak	2.78	344	Pn	Pn	17 30 11.9 +0.2	BERG	comp=N,330nm,1.0s	3.93	60	IAML	17 31 30.4	M14K	Bethel baz=106	6.15	295	Pn	Pn	17 30 57.9 +0.1	
SPBG	Spurr Blockage	2.80	342	Pn	Pn	17 30 12.2 +0.2	BERG	comp=N,354nm,0.9s	4.00	287	Pn	IAML	L27K	Beaver Creek, baz=228	6.18	40	P	Pn	17 30 59.6 +1.4	
Q17K	Contact Creek baz=91	2.81	265	P	Pn	17 30 11.8 -0.3	O16K	Kokwok River B	4.00	287	Pn	IAML	BCAR	Beaver Creek A	6.20	40	Pn	Pn	17 30 59.7 +1.2	
SII	Sitkinak Islan	2.83	225	P	Pn	17 30 11.6 -0.7	O16K	comp=N,456nm,0.8s	4.00	287	P	Pn	17 30 27.6 -0.6	CHNA	Chernabura Isl	6.24	236	P	Pn	17 30 57.8 -1.2
SII	Sitkinak Islan	2.83	225	P	Pn	17 30 11.4 -0.9	O16K	Kokwok River B baz=101,SNR=17	4.03	65	P	Pn	17 30 29.5 +0.8	CHNA	Chernabura Isl	6.24	236	P	Pn	17 30 58.8 -0.3
SII	Sitkinak Islan	2.83	225	P	Pn	17 30 11.5 -0.7	BGLC	Bering Glacier baz=251	4.03	65	P	Pn	17 30 29.5 +0.8	CNBA	Chernabura Isl	6.25	236	Pn	Pn	17 30 57.2 -1.9
SUA	Susitna One	2.86	358	IAML	Pn	17 30 12.8 0.0	M24K	Tolsona, Glenn	4.13	30	Pn	IAML	SCRK	Sand Creek baz=213	6.25	28	Pn	Pn	17 30 59.9 +0.6	
SUA	Susitna One	2.86	358	IAML	Pn	17 30 59.3	M24K	comp=E,662nm,0.9s	4.13	30	Pn	IAML	L15K	Ungalak Mounta baz=159,SNR=6	6.25	304	P	Pn	17 30 58.9 -0.3	
SUA	comp=N,1um,1.1s	IAML	17 31 00.1	M24K	Tolsona, Glenn baz=214,SNR=29	4.13	30	Pn	Pn	17 30 31.6 +1.3	SDPT	Sand Point	6.32	243	Pn	Pn	17 30 59.1 -1.1			
SUA	comp=E,1um,0.9s	IAML	17 30 12.7 0.0	M24K	White Mountain	4.16	331	Pn	Pn	17 30 29.8 -0.7	SDPT	Sand Point	6.32	243	Pn	Pn	17 30 59.2 +0.1			
SUA	baz=178	Sb	Sb	17 30 56.0 +2.7	L19K	White Mountain	4.16	331	IAML	17 31 51.4	SDPT	Sand Point	6.32	243	Pn	Pn	17 30 59.8 -0.3			
GLI	Glacier Island	2.88	36	IAML	Pn	17 30 12.7 -0.1	L19K	comp=E,473nm,1.0s	4.16	331	IAML	17 31 55.0	J17K	VABM Dome baz=136,SNR=20	6.35	323	P	Pn	17 30 59.6 -0.7	
GLI	Glacier Island comp=N,930nm,0.8s	2.88	36	IAML	Pn	17 31 10.0	L19K	comp=N,434nm,0.9s	4.16	331	P	Pn	17 30 30.3 -0.2	O29M	Mount Kennedy baz=260,SNR=91	6.35	69	P	Pn	17 31 02.0 +1.3
GLI	comp=E,942nm,1.0s	IAML	17 31 13.3	L19K	White Mountain baz=148,SNR=119	4.16	331	P	Pn	17 30 31.0 -0.2	COLA	College	6.42	10	P	Pn	17 31 01.4 -0.1			
GLI	Glacier Island baz=219,SNR=21	2.88	36	P	Pn	17 30 12.8 -0.1	L20K	Farewell, AK baz=156,SNR=18	4.21	339	P	Pn	17 30 31.0 -0.2	COLA	College	6.42	10	P	Pn	17 31 02.4 +1.0
GLI	comp=N,1um,1.1s	IAML	17 30 57.3 +3.7	WAT6	Susitna Wata baz=200,SNR=10	4.22	18	Pn	Pn	17 30 31.7 +0.2	COLA	College baz=193	6.42	10	P	Pn	17 31 02.1 +0.7			
STLK	Strandline Lak	2.96	348	Pn	Pn	17 30 14.6 +0.5	N25K	Chitina, Valde	4.24	42	Pn	Pn	17 30 32.2 +0.5	ILAR	Eielson Array comp=E,3.7nm,0.3s,baz=198,slow=14,SNR=52	6.42	14	Pn	Pn	17 31 01.3 -0.3
N19K	Bonanza Creek	2.96	320	IAML	Pn	17 30 13.9 -0.3	N25K	comp=E,241nm,1.2s	4.24	42	Pn	IAML	ILAR	Eielson Array comp=E,5.2nm,0.3s,baz=198,slow=14,SNR=39	6.42	14	Pn	Pn	17 31 01.7 +0.1	
N19K	Bonanza Creek	2.96	320	IAML	Pn	17 31 05.2	N25K	comp=N,318nm,1.2s	4.24	42	P	Pn	17 31 50.7	ILAR	comp=E,2.9nm,0.3s,baz=199,slow=25,SNR=8.2	6.42	14	Pn	Pn	17 31 10.0 -9.0
N19K	comp=N,1um,0.9s	IAML	17 31 05.7	N25K	comp=N,318nm,1.2s	4.24	42	P	Pn	17 30 32.6 +1.0	ILAR	comp=E,2.2nm,0.3s,baz=199,slow=25,SNR=8.2	6.42	14	Pn	Pn	17 32 09.9 -4.7			
N19K	Bonanza Creek baz=137,SNR=56	2.96	320	P	Pn	17 30 13.9 -0.3	SNH	Sunshine Point	4.26	65	Pn	Pn	17 30 32.5 +0.6	MLY	Manley baz=179,SNR=14	6.44	359	P	Pn	17 31 02.2 +0.3
N19K	baz=137	Sb	Sb	17 30 57.6 +1.4	WAX	Waxell Ridge	4.34	62	Pn	Pn	17 30 33.9 +0.8	I20K	Naaghedeneel baz=162,SNR=5.3	6.47	345	P	Pn	17 31 03.2 +0.9		
N19K	comp=N,1um,1.1s	IAML	17 31 04.4	WAX	Waxell Ridge	4.34	62	IAML	17 31 44.5	J25K	Salcha River, baz=205,SNR=15	6.51	20	P	Pn	17 31 03.1 +0.3				
FID	Port Fidalgo	2.99	42	Pn	Pn	17 30 14.3 -0.1	WAT1	Susitna Wata baz=19	4.35	12	P	Pn	17 30 33.7 +0.6	K15K	Wolf Creek Mtn	6.55	309	P	Pn	17 31 03.2 -0.2
FID	Port Fidalgo comp=N,617nm,1.1s	2.99	42	IAML	Pn	17 31 03.8	CRQK	Cirque baz=244,SNR=29	4.36	57	P	Pn	17 30 33.7 +0.3	I23K	Minto, Yukon-K baz=120,SNR=10	6.58	5	P	Pn	17 31 04.1 +0.3
FID	comp=N,617nm,1.1s	IAML	17 31 14.4	PPLA	Perukeypile baz=159,SNR=17	4.37	350	P	Pn	17 30 33.8 +0.2	YUK4	Talbot Arm baz=186,SNR=54	6.58	60	P	Pn	17 31 06.0 +2.1			
KNK	Knik Glacier	3.00	20	Pn	Pn	17 30 14.7 0.0	GLB	Gilghina Butte	4.42	47	Pn	Pn	17 30 34.3 +0.1	YUK6	Outpost Mounta baz=254	6.60	64	P	Pn	17 31 04.7 +0.6
KNK	Knik Glacier	3.00	20	IAML	Pn	17 31 03.0	M17K	Holitna River	4.43	312	P	Pn	17 30 34.2 -0.1	I21K	Tanana baz=174	6.62	355	P	Pn	17 31 04.5 +0.2
KNK	comp=N,1um,0.8s	IAML	17 31 19.8	M16K	Nishik Lake baz=111,SNR=23	4.57	298	P	Pn	17 30 35.9 -0.2	L14K	Kuka Creek baz=109,SNR=8.3	6.69	76	Pn	Pn	17 31 04.5 -0.2			
KNK	Knik Glacier comp=N,1um,0.9s	3.00	20	P	Pn	17 30 14.7 0.0	ISLE	Juniper Island comp=N,187nm,0.9s	4.64	61	IAML	17 31 33.6	P29M	Windy Craggy baz=267,SNR=26	6.69	76	Pn	Pn	1	

14d 17h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like HEBO, J05D, G03D, H04A, etc.

ISC 14 18:15:07.2-0.6, 32.50S:71.58W, h0km, mb4.6/12, mbtmp4.5/16, ML4.2/4, MS3.8/18, Error ellipse: s-min=22.7km s-min=15.4km az=87.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like VA06, VA06, VA01, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like MT04, MT04, MT08, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like LPAZ, ALGR, AODE, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Mina Array Bea, Hansel Valley, Elko, etc.

IDC 14 18:24:37.1-5.6, 15'06S-69'66W, h128km, 53km, mb3.4/1, mbtmp3.8/2, Error ellipse: s-maj=97.2km s-min=60.8km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like La Paz, LPAZ, SIV, etc.

IDC 14 18:26:07.8-4.7, 2'92S-139'73E, h0km, mb3.5/3, mbtmp3.6/4, ML3.9/1, Error ellipse: s-maj=192.6km s-min=27.4km az=89.0

IDC 14 18:26:20.8-1.3, 3'30S-101'01W, h100km, n13, c=338/13, mb3.5/3, Irian Jaya

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GENI, FAKI, COEN, etc.

IDC 14 18:41:38.1-2.8, 1'07N-97'52E, h0km, mb3.6/5, mbtmp3.5/6, ML3.5/1, Error ellipse: s-maj=124.0km s-min=23.2km az=97.0

IDC 14 18:41:41.7-5.7, 0'0N-0'4, 97'4E:07, h27km, n18, c=639/6, mb3.5/5, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CMAR, H0S2, H0S3, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H04S3, H04S2.

NEIC 14 18:42:39.0-0.8, 20'4S:0.3:177.5W:0.1, h524km, 20km, mb4.2/13, Error ellipse: s-maj=43.9km s-min=15.4km az=195.0

IDC 14 18:43:05.2-11.0, 20'61S:177.39E, h381km, 264km, mb3.6/3, mbtmp4.4/3, MS2.6/1, Error ellipse: s-maj=534.0km s-min=104.2km az=86.0

ISC 14 18:42:37.6-2.1, 20'5S:0.2:177.6W:0.3, h500km, n19, c=191/22, mb4.1/8, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MSVF, EIDS, ARMA, etc.

IDC 14 18:46:47.8-0.7, 32'42S:71'59W, h0km, mb3.8/6, mbtmp3.7/9, ML3.8/3, Error ellipse: s-maj=33.9km s-min=20.9km az=90.0

NEIC 14 18:46:51.5-2.0, 32'56S:0'03:71'61W:0'03, h21km, 9km, mb4.1/1, ML4.1(GUC), Error ellipse: s-maj=4.2km s-min=2.5km az=141.0

STK 14 18:46:51.4-0.8, 32'53S:71'59W, h29km, ML4.1, SJA 14 18:46:51.7-1.4, 32'60S:71'67W, h33km, 4km, ML3.9, MW4.1

ISC 14 18:46:49.1-1.2, 32'50S:0'02:71'63W:0'03, h8km, gkm, n120, c=18/40/165, mb4.0/9, 4C, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like VA06, ROCH, CO04, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MT01, CO02, MT02, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Pinedale Array, Long Hallow, Hebgren Lake, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOCB, PX03, G001, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kefar Nahum, Sapir Facility, Amiad, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TABO3, FLAM, ARRJA, etc.

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

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

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

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

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

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Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like E22K, E22K, N20K, SPCR, G22K, KD4K, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like COLA, MCGD, KNK, SML, POKR, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like BELG, SCRK, SCRK, SCRK, HOQ, HOQ, etc.

P18A	Preston Nutter	93.54	42	P	P	00 21 37.6 +0.2
P18A				I	Amb	00 21 41.0
MDND	Maddock	93.56	31	P	P	00 21 37.1 +0.2
MDND				I	Amb	00 21 39.9
MDND				I	Amb	01 09 53.1
KNB	Kanab	93.56	45	P	P	00 21 38.6 +1.2
KNB				I	Amb	00 21 38.6 +1.2
PKCU	Pink Cliffs	93.63	45	P	P	00 21 38.3 +0.4
PKCU				I	Amb	00 21 41.4
TKX	Tecate	93.66	51	P	P	00 21 38.2 +0.4
SRU	San Rafael Swe	93.70	43	P	P	00 21 38.5 +0.5
SRU				I	Amb	01 04 23.8
SRU	San Rafael Swe	93.70	43	P	P	00 21 38.5 +0.5
SRU				I	Amb	00 21 41.4
SRU				I	Amb	01 08 45.3
CBX	Cerro Bola	93.77	51	P	P	00 21 38.4 +0.1
CBX				I	Amb	00 21 41.4
CBX				I	Amb	00 51 59.5
CASY	Casey	93.88	188	P	P	00 21 37.3 -0.4
CASY				I	Amb	00 21 39.6
CASY				I	Amb	01 10 57.5
E28A	Huff	93.98	32	P	P	00 21 38.2 -0.7
E28A				I	Amb	00 21 41.3
RMX	La Rumorosa	94.01	50	P	P	00 21 39.0 -0.5
RMX				I	Amb	00 21 48.7
CCX	Cicese	94.02	51	P	P	00 21 39.7 +0.4
CCX				I	Amb	00 21 53.7
W13A	Hualapai Mount	94.03	47	P	P	00 21 40.2 +0.5
W13A				I	Amb	00 21 42.8
RSSD	Black Hills	94.05	36	P	P	00 21 39.0 -0.5
RSSD				I	Amb	00 21 39.0 -0.5
TAOE	Nuku Hiva Iela	94.08	98	eLR	LR	00 51 59.4
YUH	Yuha Desert	94.09	50	P	P	00 21 40.2 +0.5
YUH				I	Amb	00 21 43.0
U15A	North Rim	94.26	46	P	P	00 21 41.8 +1.0
U15A				I	Amb	00 21 43.8
HMU	Henry Mountain	94.30	44	P	P	00 21 41.5 +0.7
HMU				I	Amb	00 21 36.8
O20A	White River Ci	94.40	41	P	P	00 21 41.9 +0.6
O20A				I	Amb	00 21 57.5
BLVC	Blythe	94.40	49	P	P	00 21 42.0 +1.0
BLVC				I	Amb	00 21 44.5
ESJX	Sierra Juarez	94.44	51	P	P	00 21 42.2 +0.7
ESJX				I	Amb	00 21 45.0
ESJX				I	Amb	00 57 31.3
GLA	Glamis	94.61	50	P	P	00 21 43.4 +1.3
GLA				I	Amb	00 21 43.4 +1.3
VTX	Valle De La Tr	94.91	51	I	Amb	01 07 15.7
PV21	Cone Mtn., Par	94.98	42	P	P	00 21 44.3 +0.3
PV23	Carpenter Rig	95.03	42	P	P	00 21 44.5 +0.3
PV10	Paradox Valley	95.06	42	P	P	00 21 45.7 +1.4
PV10				I	Amb	00 22 04.9
PV14	Lion Creek, Pa	95.07	42	P	P	00 21 44.8 +0.4
PV14				I	Amb	00 21 47.1
PV22	Blue Mesa, Par	95.11	42	P	P	00 21 45.4 +0.9
PV20	West Nyswonger	95.13	42	P	P	00 21 45.1 +0.5
PV20				I	Amb	00 21 47.3
PV04	Paradox Valley	95.13	42	P	P	00 21 45.6 +1.1
PV04				I	Amb	00 21 45.1 +0.5
PV19	Morning Glory	95.14	42	P	P	00 21 45.1 +0.5
PV19				I	Amb	00 22 02.3
PV17	East Wray Mesa	95.17	42	P	P	00 21 45.0 +0.2
PV17				I	Amb	00 22 49.9
PV16	Nyswonger Mesa	95.18	42	P	P	00 21 45.1 +0.3
PV16				I	Amb	00 21 47.5
PV11	David Mesa, Pa	95.21	42	P	P	00 21 45.6 +0.6
PV11				I	Amb	00 21 49.8
N23A	Red Feather La	95.21	39	P	P	00 21 45.2 +0.2
N23A				I	Amb	00 21 45.5 +0.5
PV05	Paradox Valley	95.22	43	P	P	00 21 45.8 +0.7
PV05				I	Amb	00 21 47.7
PV18	Skein Mesa, Pa	95.22	42	P	P	00 21 44.9 -0.1
PV12	Saucer Basin,	95.24	42	P	P	00 21 45.7 +0.6
PV12				I	Amb	00 24 46.4
PV03	Paradox Valley	95.26	42	P	P	00 21 46.1 +0.9
PV03				I	Amb	00 21 47.8
PV07	Paradox Valley	95.26	42	P	P	00 21 46.5 +1.3
Y14A	Wickenburg	95.31	48	I	Amb	00 21 45.7 +0.5
Y14A				I	Amb	00 21 48.6
Y14A				I	Amb	01 11 17.8
PV13	Radium Mtn., P	95.33	42	P	P	00 21 46.7 +1.1
PV13				I	Amb	00 22 03.4
PV02	Paradox Valley	95.35	42	P	P	00 21 46.5 +0.9
PV02				I	Amb	00 22 03.4
WUAZ	Wupatki	95.41	46	P	P	00 21 47.0 +1.2
WUAZ				I	Amb	00 21 49.4
PV15	Paradox Valley	95.42	42	P	P	00 21 45.6 -0.4
113A	Mohawk Valley	95.49	49	P	P	00 21 47.0 +0.9
PV01	Paradox Valley	95.50	42	P	P	00 21 47.1 +1.1
SFX	San Felipe	95.77	51	P	P	00 21 48.0 +0.6
SFX				I	Amb	00 22 04.1
X16A	Lo Mia Camp, P	96.04	47	P	P	00 21 49.1 +0.3
ISCO	Idaho Springs	96.14	40	P	P	00 21 49.2 -0.1
ISCO				I	Amb	00 21 49.2 -0.1
MVCO	Mesa Verde	96.14	43	I	Amb	01 06 16.7
KEST	Kesara	96.15	315	P	P	00 21 48.9 -0.2
KEST				I	Amb	01 09 58.8
CEST	Esteri de Car	96.22	324	I	Amb	01 10 12.2
SUSD	Miller	96.37	33	I	Amb	01 10 23.7
PIX	Pinacate	96.42	50	P	P	00 21 51.4 +1.1
F33A	5 Mile Ranch,	96.57	30	P	P	00 21 51.0 +0.3
F33A				I	Amb	00 22 20.3
S22A	JUR Ranch, Cre	96.80	42	P	P	00 21 52.5 +0.2
EYMN	Ely	96.96	26	P	P	00 21 52.8 +0.4
EYMN				I	Amb	01 12 25.7
K30B	Basset	97.34	34	I	Amb	01 09 48.5

SCHO	Schefferville	97.52	10	P	P	00 21 54.9 0.0
SCHO				I	Amb	01 08 49.0
MBAR	Mbarara	98.25	273	P	P	00 21 58.2 -0.9
MBAR				I	Amb	01 12 36.4
MBAR	Mbarara	98.25	273	LR	LR	01 08 15.6
MBAR				I	Amb	00 21 58.2 -0.9
DUNG	Lazy B Ranch	98.74	47	P	P	00 22 02.2 +1.3
BGNE	Belgrade	99.01	34	I	Amb	01 11 44.7
SBM	South Baldy	99.05	45	P	P	00 22 03.6 +1.0
Y2ZD	IRIS PASSCAL I	99.15	45	P	P	00 22 01.9 -0.9
BNN	Barren Site	99.28	44	P	P	00 22 04.8 +1.3
COWI	Conover	99.40	26	I	Amb	01 14 12.3
F42A	Maple Grove Fa	100.08	26	I	Amb	01 09 48.1
CBKS	Cedar Bluff	100.08	37	I	Amb	01 05 37.3
R32A	Long Quarter	100.92	37	I	Amb	01 15 26.4
ESBB	Sonsecsa Array	101.05	325	P	P	00 22 11.7 +0.7
ESBB				I	Amb	00 22 10.0 -1.0
ESDC	Sonsecsa Array	101.05	325	P	P	00 22 09.9 -1.0
ESDC				I	Amb	00 26 21.0 +2.4
ESDC				I	Amb	00 38 22.3 0.0
CRZF	Crozet Islands	101.11	224	P	P	00 22 09.2 -1.6
H43A	Windswept, Lux	101.29	26	I	Amb	01 14 02.0
I42A	Draeger Farm,	101.31	27	I	Amb	01 15 27.8
KSU1	Kansas State U	101.52	35	I	Amb	01 11 42.1
OK03B	West end E0370	102.32	38	I	Amb	01 17 21.6
OK032	Salt Plains W	102.38	38	I	Amb	01 05 12.0
ICQ	Pointe Anglaise	102.59	11	I	Amb	01 10 17.6
L44A	Lake County Fo	103.14	28	P	P	00 22 19.4 -0.7
T35A	Sooner Cattle	103.21	36	I	Amb	01 11 07.9
OK051	E0350 and S046	103.34	37	I	Amb	01 14 57.5
HQ1L	Hanson Quay C	103.27	28	I	Amb	01 18 06.3
OK052	Battle Ridge R	103.74	37	I	Amb	01 15 05.1
OK031	S. Brethren Rd	103.75	37	I	Amb	01 15 05.4
TRQ	Mont Tremblant	104.12	17	I	Amb	01 09 16.8
LIS	Lisbon	104.34	328	ePP	PP	00 26 44.4 +1.3
LIS				I	Amb	01 16 25.2
TXAR	Lajitas Array	104.36	46	P	P	00 22 25.8 -0.2
TXAR				I	Amb	00 26 44.4 +0.5
RKT	Rikitea	104.57	109	eS	SS	00 34 23.3 +4.1
RKT				I	Amb	00 41 36.2 -1.8
RKT	Rikitea	104.57	109	eLQ	LQ	00 51 58.5
RKT				I	Amb	00 56 41.4
ABTX	Abilene, Hawle	104.58	41	I	Amb	01 05 51.8
MESJ	Messejana	104.58	327	ePP	PP	00 26 46.2 +1.3
MESJ				I	Amb	00 33 07.1 +0.3
MESJ				I	Amb	00 41 39.9 +4.3
MESJ				I	Amb	01 16 45.5
K50A	Casco	104.69	24	I	Amb	01 09 08.2
DELO	Deloro Mine	104.82	20	I	Amb	01 18 05.2
CCM	Cathedral Cave	104.99	32	I	Amb	01 10 53.8
WBO	Williamsburg	105.06	18	I	Amb	01 10 42.4
PQI	Presque Isle	105.19	13	I	Amb	01 11 37.7
MGMC	Mountain Grove	105.20	34	I	Amb	01 15 01.5
MORF	Marlette	105.22	327	ePP	PP	00 26 50.9 +1.2
MORF				I	Amb	01 18 23.0
LONY	Lake Ozona	105.60	18	I	Amb	01 11 11.7
N49A	Columbus Grove	105.70	26	I	Amb	01 19 04.1
O48B	Farmland	105.88	27	I	Amb	01 11 13.8
O48B				I	Amb	00 26 44.8 0.0
MAW	Mawson	106.17	202	P	P	00 22 32.2 -0.6
ERPA	Erie	106.20	23	I	Amb	01 16 23.0
SIUC	Southern Ilin	106.22	31	I	Amb	01 18 38.2
PKME	Peaks-Kenny Pk	106.28	14	I	Amb	01 12 34.5
NCB	Newcomb	106.30	18	I	Amb	01 11 07.1
VT1	Waterbury	106.35	17	I	Amb	01 16 54.8
CGM3	Cape Girardeau	106.35	32	I	Amb	01 12 48.7
WVNY	West Valley, N	106.41	21	I	Amb	01 16 39.4
MIAR	Mount Ida	106.56	36	I	Amb	01 13 09.6
P49A	Miami Univ. Ec	106.67	27	P	P	00 26 46.3 -0.1
J59A	Piesco	106.69	18	I	Amb	01 11 55.5
G65A	Princeton	106.69	13	I	Amb	01 12 21.4
K57A	Scipio Center	106.77	20	I	Amb	01 09 21.9
TAM	Tamnasraset	106.91	307	I	Amb	01 20 23.6
435B	Barren Site	107.12	41	P	P	00 26 47.8 +0.4
I62A	Tamworth	107.13	16	I	Amb	01 17 05.1
EMMW	East Mechas	107.19	13	I	Amb	01 17 06.5
Q51A	Peebles	107.26	66	I	Amb	01 10 37.8
833A	Chaparral WMA,	107.77	44	I	Amb	01 15 53.6
833A				I	Amb	00 26 48.4 -0.3
L61A	Northampton	108.12	17	P	P	00 26 49.8 0.0
P0GA	Pongola	108.35	248	I	Amb	01 12 06.4
OXF	Oxford	108.71	33	I	Amb	01 18 40.3
ODNJ	Ogdensburg	108.85	19	I	Amb	01 17 38.0
CLTN	Cedars of Lebanon	108.87	30	I	Amb	01 15 04.2
143P	Coal Landing,	109.12	36	I	Amb	01 16 05.6
WUSP	Westport, CT	109.14	18	I	Amb	01 18 16.4
Y45A	Yeager Farm, C	109.16	34	I	Amb	01 19 15.3
M65A	Busby, Falmout	109.48	16	P	P	00 26 50.6 -0.9
WUPA	West Chester U	109.61	20	I	Amb	01 16 34.9

TORD	Torodi Ar. Bea	115.78	301	PKP	PKP	00 27 03.7 -0.5
TORD				I	Amb	00 27 02.7 -1.5
TORD				I	Amb	00 28 06.5 -0.2
TORD				I	Amb	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PAHR, HLID, BOZ, MFID, DLMT, etc.

ADC 10:40:53.8, 0.2, 22.95S, 171.42E, h0km, mb4.6/18, mtbpm4.6/19, ML4.5/1, MS4.6/25, Error ellipse: s-maj=17.8km s-min=16.1km az=82.0

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

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WB1, WRAB, WRAB, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like TNR, MESR, HUMR, COPA, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like BTNL, MEML, KBA, etc.

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

15d 1h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PYS, XLT, KLR, WOSN, DL2, BJI, KS19, KSRS, KSRS, KSRS, KSAR, TJN, HHC, HHC, HHC, TIA, TIA, TIA, TIA, HNS, HNS, HNS, HNS, BTO, BTO, BTO, BTO, ULN, SONM, SONM, SONM, SONM, ASAJ, JTM, JNU, JNU, MJAR, JMM, XAN, XAN, XAN, XAN, WHN, WHN, YAK, YAK, YAK, LZH, LZH, LZH, LZH, ENH, ENH, GTA, GTA, GTA, PEAOB, PETK, PETK, GYA.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like GYA, GYA, GYA, GYA, GOMU, GOMU, GOMU, GOMU, GOMU, WMO, WMO, WMO, PZH, PZH, PZH, PZH, TIXI, TIXI, TIXI, TIXI, ZAAO, ZALV, QIZ, QIZ, QIZ, MK31, MK31, MKAR, MKAR, MKAR, NRIK, NRIK, KURK, KURK, KURBB, KURBB, KURBB, CMAR, CMAR, CMAR, BOOM, BVAR, BVAR, AAK, AAK, AAK, GUMO, GUMO, KK31, KKAR, KKAR, BKTK, GAR, GAR, CHGR, CHGR, SIMJ, SIMJ, ABKAR, ABKAR, M17K, E22K, E22K, ILAR, ILAR, KAPI, KAPI, G27K, G27K, G27K, INK, INK, G31M, G31M, G31M, FIA1, FIA1, FIA1, KVAR, KVAR, JMJC, JMJC, AKAS, AKAS, KNRA, HFS, HFS, NOA, NOA, FITZ, BURAR, BURAR, BRTR, WRA, WRA, WRA, WRO, WRO, BORG, CLL, CLL, CTA, RONA, RONA, CONA, GERES.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR, ASAR, EIL, BIOA, BIOA, SOKA, SOKA, OBKA, OBKA, KBA, KBA, LESA, LESA, ABTA, ABTA, WATA, WATA, WTTA, WTTA, MOTA, MOTA, RETA, RETA, DAVA, DAVA, ULM, ULM, NVAR, NVAR, ESDC, ESDC, IDC 15 01:16:03.9, H01W1, H01W2, H01W3, WRA, GSPA, H04S1, H04S2, H04S3, SNA4, SNA4, H08S2, H08S1, H08S3, H03S1, H03S2, H03S3, ARCES, GERES, IDC 15 01:26:32.1, STKA, WRA, ASAR, IDC 15 01:41:53.8, JYRO, JOKE, JOKE, JTK, JTK, JOW, JOW, JOW, JNTH, JNTH, JIH, JIH, JAMN, JAMN, JAMN, JZK, JZK, JKDJ, JKDJ, JMJ, JMJ, JMJ, JAM, JAM, JAM, JTAJ, JTAJ, JKE, JKE, JNN, JNN, JYAK, JYAK, JYAK, JMN, JMN, JMN, JNU, JNU, JMN, JMN.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like KSRS Korea Array, USRK Ussuriysk Arr, TOLIZ Tolaitoi, etc.

Code Station Name Az El Phase ID Time Res ISC h m s ISC
JYRO Yoronijima 1.15 284 Op P 01 43 08.4 +0.1
JYRO Yoronijima 1.15 284 Op P 01 43 08.4 +0.1

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like JYRO Yoronijima, JYRO Yoronijima, JOKE Okinoerabujima, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like ABKAR Akbulak array, KBZ Khabaz, FINES FINESS Array B, etc.

IDC 15 01:44:37.0:9.8,3:15S:137:35E,h119km,89km,mb3.4/5,mbmp3.8/6,ML3.6/1, Error ellipse: s-maj=49.6km

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like WRA Warramunga Arr, ASAR Alice Springs, RAR Rotonga, etc.

IDC 15 01:48:26.5:0.6,26:75N:129:63E,h0km,mb4.2/21,mbmp4.3/25,ML4.5/3,MS3.7/4, Error ellipse: s-maj=21.4km s-min=13.4km az=74.0

JMA 15 01:48:29.1:1.0,26:72N:129:76E:0.6,h47km,MD4.2/26,MV4.3/26,NEAR OKINAWAJIMA ISLAND

NEIC 15 01:48:29.1:1.0,26:75N:129:59E:0.05,h10km,1km,mb4.8/50, Error ellipse: s-maj=11.8km s-min=7.0km

BUI 15 01:48:29.7:0.0,26:68N:129:64E,h33km,mb4.6/32,mb4.9/12,Ms4.3/5,Ms7.4/26

NIED 15 01:48:29.2:26:72N:129:76E,h47km,MV4.5, Moment Tensor Solution, s2 Moment tensor: Scale 10^19Nm

ISC 15 01:48:28.9:0.3,26:74N:129:69E:0.02,h15km,n138,r151/149,mb4.6/5,MS4.1/6,1C-3D,Ryukyu islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like JYRO Yoronijima, JYRO Yoronijima, JOKE Okinoerabujima, etc.

SSLB Suangleung 8.43 251 Pn Pn 01 50 30.3 -0.3
TPUB Ta-pu 8.90 249 Pn Pn 01 50 37.4 +0.5

NJ2 Nanjing 10.82 302 eP Pmax 01 51 03.3 0.0
NJ2 Nanjing 10.82 302 eP Pmax 01 51 03.3 0.0

MJAR Matsushiro Arr 12.17 34 Pn Pn 01 51 22.3 +0.6
HNS HongShan 16.53 314 P P 01 52 21.9 -0.8

LYN Luoyang 16.72 302 P P 01 52 25.1 +0.2
BJT Baijiatau 17.37 323 P P 01 52 32.2 +0.2

USRK Ussuriysk Ar. 17.52 6 P P 01 52 46.5 +1.0
XAN Xi'an 19.1 297 P P 01 52 53.8 +2.1

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like HHC HHC, HHC HHC, HHC HHC, etc.

BTO Baotou 21.36 315 eP P P 01 53 17.4 +1.7
BTO Baotou 21.36 315 eP P P 01 53 17.4 +1.7

YSS Yuzh-Sakhalin 22.67 24 P Iamb P 01 53 30.7 +1.2
YSS Yuzh-Sakhalin 22.67 24 P Iamb P 01 53 30.7 +1.2

CD2 Chengdu 23.07 286 eP P 01 53 30.3 -1.0
LZH Lanzhou 23.88 299 eP P 01 53 41.3 -0.8

SLVN Son La 24.13 263 P Iamb P 01 53 44.7 +2.0
SLVN Son La 24.13 263 P Iamb P 01 53 44.7 +2.0

KMI Kunming 24.27 272 P P 01 53 47.0 +1.1
KMI Kunming 24.27 272 P P 01 53 47.0 +1.1

PZH PanZhiHua 24.96 276 P Pmax 01 53 53.1 +1.1
PZH PanZhiHua 24.96 276 P Pmax 01 53 53.1 +1.1

TOLIZ Tolittoi 26.88 200 P Iamb P 01 54 09.4 +0.1
TOLIZ Tolittoi 26.88 200 P Iamb P 01 54 09.4 +0.1

LBMI Labuha 27.30 185 P P 01 54 12.7 -0.3
ULN Ulanbaatar 27.54 326 P P 01 54 13.4 -1.8

SOMN Songino Array 27.86 325 P P 01 54 17.9 0.0
SOMN Songino Array 27.86 325 P P 01 54 17.9 0.0

GTA Gaotai 27.90 304 eP Pmax 01 54 17.4 -1.1
GTA Gaotai 27.90 304 eP Pmax 01 54 17.4 -1.1

PHRA Chiang Mai Arr 28.35 259 P P 01 54 22.7 +0.2
CMAR Chiang Mai Arr 29.50 260 P P 01 54 33.0 +0.4

SHL Shillong 33.87 277 P Iamb P 01 55 10.6 -0.7
SHL Shillong 33.87 277 P Iamb P 01 55 10.6 -0.7

MMPI Merauke 36.50 162 P P 01 55 35.2 +1.5
SOEI Soe 36.62 189 P P 01 55 34.3 -0.9

KNRA Kununurra 42.17 181 P Iamb P 01 56 20.9 -0.1
KNRA Kununurra 42.17 181 P Iamb P 01 56 20.9 -0.1

WRA Warramunga Arr 46.62 174 P P 01 56 57.0 +3.0
WRA Warramunga Arr 46.62 174 P P 01 56 57.0 +3.0

AS31 Alice Springs 50.27 175 P P 01 57 25.3 +0.5
AS31 Alice Springs 50.27 175 P P 01 57 25.3 +0.5

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

IDC 15 02:12:16.6:2.9, 7.93S:147.09E, h0km, mb3.1/1, mbtmp3.3/2, ML3.3/1, Error ellipse: s-maj=70.4km s-min=19.2km az=79.0, Eastern New Guinea region

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

GII 15 02:30:18.9:0.3, 36.109N:0.03:31.222E:0.009, h10km, Mws2.6 confirmed

AFAD 15 02:30:18.3:0.0, 36.109N:31.18E, h45km, ML2.3 ISK 15 02:30:18.3: 36.12N:31.14E, h9km, ML2.5/39

ISC 15 02:30:18.0:1.3, 36.11N:0.03:31.17E:0.02, h10km, 11km, n89, c102/98, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Antalya-Kumluç, Korkuelli, Elmalı, etc.

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

JMA 15 02:36:03.1:0.4, 35.1N:2.13E:1.1, h349km, 3km, MV3.3/20, ISB BAY REGION

IDC 15 02:36:03.5:5.3, 34.16N:136.65E, h301km, 188km, mb3.2/2, mbtmp3.8/3, Error ellipse: s-maj=277.1km s-min=165.6km az=27.0

NEIC 15 02:36:04.3:1.4, 34.6N:0.1:136.7E:0.2, h335km, 6km, mb4.0/13, Error ellipse: s-maj=23.4km s-min=10.3km az=19.0

ISC 15 02:36:04.2:0.8, 34.6N:0.1:136.79E:0.09, h337km, 6km, n35, c084/41, mb4.0/8, Western Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tanaga North, Cleveland East, Concord Point, etc.

P19K comp=Z, 1.4nm, 1.4s 14.14 47 Pn 02 49 19.4 +4.1

PETK Petropavlovsk-comp=Z, 0.2nm, 0.3s, baz=83, slow=16, SNR=2.9 comp=Z, 1.7nm, 0.7s 17.29 286 Pn 02 49 56.0 +0.3

M24K Tolsona, Glenn comp=Z, 1.3nm, 1.2s 18.29 44 P Iamb 02 50 04.8 -1.6

D19K Kuna River 18.54 19 P Iamb 02 50 10.8

HMT Hamilton 18.61 51 P 02 50 08.7 -2.3

ILAR Eielson Array 19.18 36 P 02 50 14.8 -2.4

M27K Edge Creek, AK 20.27 46 P 02 50 29.6 +0.5

J26L Joseph Creek 20.33 39 P Iamb 02 50 27.7

K27K Chicken 20.74 41 P 02 50 31.5 -2.6

H29M Whitestone 23.01 37 P Iamb 02 51 21.2

E29M Pine Creek 23.40 36 P 02 50 59.3 -2.7

E29M Blow River 24.06 32 P Iamb 02 51 06.1 -2.0

E29M Inuvik 25.52 34 P 02 51 20.3 -1.1

ERM WAKE ISLAND Hy 30.45 269 P 02 52 05.5 -0.2

H112K WAKE ISLAND Hy 35.22 212 T 03 30 52.5

H113K WAKE ISLAND Hy 35.23 212 T 03 30 54.3

H111N WAKE ISLAND Hy 35.24 212 T 03 30 54.3

EDM Edmonton 36.03 63 P Iamb 02 52 53.3 -0.9

H115I WAKE ISLAND Hy 36.42 212 T 03 32 02.4

H115Z WAKE ISLAND Hy 36.44 212 T 03 32 02.7

H115S WAKE ISLAND Hy 36.44 212 T 03 32 01.2

KVN Kaiserville 40.29 86 P 02 53 31.2 +0.9

NVAR Mina Array Bay 40.54 87 P 02 53 32.2 -0.2

YHL Heblen Lake 41.21 74 P 02 53 37.6 -0.3

TPNV Topopah Spring 42.73 87 P Iamb 02 53 51.0 +0.7

PD31 Pinedale Array 43.35 75 P Iamb 02 53 54.7 -0.6

PDAR Pinedale Array 43.35 75 P 02 53 54.6 -0.7

GSC Goldstone, Bar 43.44 89 P 02 53 56.7 +0.7

U15A North Rim 45.52 84 P Iamb 02 54 17.3 +0.9

IDC 15 02:48:31.7:2.7, 5.35N:123.79E, h0km, mb3.8/3, mbtmp3.8/3, Error ellipse: s-maj=319.1km s-min=28.3km az=63.0, Mindanao

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

IDC 15 02:49:22.2:2.1, 8.19:24S:177.69W, h546km, 21km, mb2.9/5, mbtmp3.8/6, Error ellipse: s-maj=40.5km s-min=19.3km az=157.0

ISC 15 02:49:21.8:0.8, 19.2S:0.2:177.6W:0.2, h550km, n8, c1958/10, mb3.3/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Novsava, RAO Raoul Island, WRA Warramunga Arr, etc.

CNRM 15 02:50:30.2: 36.61N:1.170W, h81km, ML3.9 MDD 15 02:50:33.1: 1.0, 36.74N:1.127W, h0km, Mb3.8/10, M, mb3.1/11, Error ellipse: s-maj=7.7km s-min=5.9km az=57.0

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZAG Zagreb, CRES Cresnjevo, DBRK Dubrovnik, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BIOA comp=Z,77nm,0.7s, VRSS Vrsac, MOA Molin, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like OKC Ostrava-Krasne, PRU Pruhonice, PRU Pruhonice, etc.

Table with columns: LFF, comp, E, Az, P, Sn, Time, Res, ISC. Rows include stations like Anoyia, Malin Array, Saint Martin, etc.

IDC 15 03:32:44.3:0.8, 52.235x16:03E, h0km, mb4.2/9, mbmp4.2/9, MS3.7/16, Error ellipse: s-maj=32.1km s-min=20.3km az=68.0

NEIC 15 03:32:46.4:2.7, 52.2S:0.1:15.6E:0.2, h10km, 1km, mb4.5/15, Error ellipse: s-maj=25.5km s-min=19.6km az=93.0

ISC 15 03:32:45.7:0.6, 52.215N:0.09:15.7E:0.1, h10km, 61.0:82.93, mb4.4/16, MS3.6/16, SC, Southwest of Africa

Table with columns: Code, Station Name, Az, P, Sn, Time, Res, ISC. Rows include stations like Sutherland, Sutherland, Sutherland, etc.

Table with columns: TORD, comp, E, Az, P, Sn, Time, Res, ISC. Rows include stations like Torodi Ar. Bea, Cape Leeuwin, Cape Leeuwin, etc.

BEO 15 03:35:26.9:0.3, 42.96N:17.83E, h9km, 1km, ML2.4/19 PDG 15 03:35:26.8:0.1, 42.94N:17.89E, h11km, MD2.9/2, ML2.7/11, Error ellipse: s-maj=0.4km s-min=0.2km az=90.0

RHSSO 15 03:35:27.0:0.2, 42.97N:17.88E, h6km, 2km, ML2.6/17 PRU 15 03:35:29.7:4.7, 17N:18.32E, h10km

ISC 15 03:35:26.9:0.9, 42.97N:0.02:17.88E:0.01, h9km, 7km, n86, 0:88/161, 30C-9Z, Adriatic Sea

Table with columns: Code, Station Name, Az, P, Sn, Time, Res, ISC. Rows include stations like Ston, Ston, Ston, etc.

Table with columns: DUGI, comp, E, Az, P, Sn, Time, Res, ISC. Rows include stations like Dugi Otok, Selova, Vir, etc.

BUI 15 03:47:53.4:0.0, 37.28N:71.79E, h168km, mb4.6/22, mb5.1/9

MOS 15 03:47:53.1:0.8, 37.14N:71.86E, h165km, mb4.4/18, Error ellipse: s-maj=7.6km s-min=3.7km az=77.8

IDC 15 03:47:54.2:2.0, 37.10N:71.97E, h162km, 18km, mb3.8/23, mbmp4.4/28, Error ellipse: s-maj=11.9km s-min=9.7km az=162.0

NEIC 15 03:47:55.0:1.6, 37.17N:0.06:71.81E:0.09, h167km, 3km, mb4.5/34, Error ellipse: s-maj=11.4km s-min=7.1km az=123.0

NNC 15 03:47:59.8:3.0, 37.72N:71.73E, h205km, 30km, mb4.0, mpv5.0, Error ellipse: s-maj=29.2km s-min=17.4km az=22.0

ISC 15 03:47:53.2:0.5, 37.13N:0.03:71.92E:0.04, h155km, 4km, h155km, pP, n217, a209/243, mb4.3/68, 11C-14D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, P, Sn, Time, Res, ISC. Rows include stations like Garm, Garm, Karamyk, etc.

15d 3h

Table with columns: Code, Station Name, Az, El, P, S, Time, and other parameters. Includes stations like BRLL, CHMS, USPO, etc.

2018 SEP

Table with columns: Code, Station Name, Az, El, P, S, Time, and other parameters. Includes stations like MAK, SHL, SVE, etc.

1004

Table with columns: Code, Station Name, Az, El, P, S, Time, and other parameters. Includes stations like SQTA, FETA, DAVA, etc.

15C 10:53:51.16:5.0.7.26:56K.129:09E,h0km,mb4.1/16, mbmp4.1/17,ML3.3/1,MS3.6/7,Error ellipse: s-maj=27.6km s-min=15.1km az=76.0 NEIC 15 03:51.16:8.1.9.26:67N.0.07:129:59E:0.04,h10km,1km, mb4.6/18,Error ellipse: s-maj=12.5km s-min=5.3km

15d 4h

2018 SEP

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Table with columns for station name, coordinates, time, and other data. Includes stations like Nanjing, Mitsune, Wanjun Array, etc.

Table with columns for station name, coordinates, time, and other data. Includes stations like QIZ, ASAJ, JKA, etc.

Table with columns for station name, coordinates, time, and other data. Includes stations like H11N3, H11S3, H11S1, etc.

E17K	Hotham Inlet	57.35	26	P	P	04 24 22.4 +0.2
J16K	Anvik River	57.41	30	P	P	04 24 22.4 -0.3
I17K	Unalakleet	57.42	29	P	P	04 24 22.7 -0.1
N15K	Kwethluk River	57.44	34	P	P	04 24 22.4 -0.6
F17K	Baldwin Pennin	57.48	26	P	P	04 24 23.7 +0.6
O15K	Ungalikthiuk R	57.53	35	P	P	04 24 23.3 -0.4
G17K	Kiwalik Mouta	57.61	28	P	P	04 24 23.8 -0.3
CHNA	Chernabura Isl	57.64	40	P	P	04 24 23.9 -0.5
S14K	Fog Glacier	57.64	39	P	P	04 24 24.5 -0.1
HRA	Herat	57.66	29	P	P	04 24 25.2 0.0
B18K	Kokolik River	57.73	23	P	P	04 24 24.2 -0.7
L16K	Owhat River	57.82	32	P	P	04 24 25.4 -0.2
C18K	Utukok River	57.83	24	P	P	04 24 25.4 -0.3
H17K	Granite Mouta	57.86	28	P	P	04 24 25.6 -0.3
E18K	Tukpahleark C	57.87	25	P	P	04 24 25.4 -0.5
M16K	Timber Creek	58.03	33	P	P	04 24 26.2 -1.0
J17K	VADM Dome	58.10	30	P	P	04 24 27.6 0.0
N16K	Nishlik Lake	58.11	34	P	P	04 24 27.3 -0.4
F18K	Selawik	58.14	26	P	P	04 24 27.8 0.0
L17K	Donlin	58.39	32	P	P	04 24 29.6 0.0
K17K	Iditarod	58.42	31	P	P	04 24 29.9 +0.1
O16K	Kokwok River B	58.43	35	P	P	04 24 30.1 +0.2
C19K	Lookout Ridge	58.47	23	P	P	04 24 30.4 +0.2
G18K	Tagagawik	58.47	27	P	P	04 24 30.8 +0.6
G18K	Tagagawik	58.47	27	P	P	04 24 30.9 +0.6
P16K	Nushagak River	58.48	35	P	P	04 24 29.3 -0.9
H18K	Honhosa River	58.53	28	P	P	04 24 29.9 -0.7
R16K	Pilot Point	58.71	37	P	P	04 24 30.9 -1.0
M17K	Holitna River	58.78	33	P	P	04 24 33.7 +1.4
M17K	Holitna River	58.78	33	P	P	04 24 33.7 +1.4
M17K	Holitna River	58.78	33	P	P	04 24 33.1 -0.3
N17K	Nushagak Hills	58.89	34	P	P	04 24 32.0 -0.2
F19K	Shaleruckik Mo	58.91	26	P	P	04 24 32.7 -0.4
D19K	Kuna River	58.93	24	P	P	04 24 33.7 +0.3
D19K	Kuna River	58.93	24	P	P	04 24 33.7 +0.3
D19K	Kuna River	58.93	24	P	P	04 24 33.5 +0.1
G19K	Purcell Mouta	59.13	27	P	P	04 24 34.7 0.0
GCSA	Galena City Sc	59.14	29	P	P	04 24 34.5 -0.3
L18K	Granite Mouta	59.15	32	P	P	04 24 36.0 +1.1
L18K	Granite Mouta	59.15	32	P	P	04 24 34.9 0.0
J18K	Innoko River	59.16	30	P	P	04 24 35.3 +0.3
E19K	Redstone River	59.17	25	P	P	04 24 35.9 +0.9
E19K	Redstone River	59.17	25	P	P	04 24 35.1 +0.1
P17K	Kvichak River	59.28	35	P	P	04 24 35.9 +0.1
STKA	Stephens Creek	59.33	16	P	P	04 24 36.8 +0.3
B20K	Meade River	59.43	22	P	P	04 24 36.5 -0.2
D20K	Etluk River	59.50	24	P	P	04 24 37.1 -0.2
N18K	Kilae Creek	59.53	33	P	P	04 24 37.4 -0.2
M18K	Stony River	59.55	32	P	P	04 24 38.0 +0.3
Q17K	Contact Creek	59.59	36	P	P	04 24 38.0 -0.2
E20K	Nigu River	59.62	25	P	P	04 24 37.8 -0.4
J19K	Poorman	59.66	30	P	P	04 24 39.3 +0.9
J19K	Poorman	59.66	30	P	P	04 24 42.0
J19K	Poorman	59.66	30	P	P	04 24 38.3 -0.1
F20K	Avaraart Lake	59.73	26	P	P	04 24 39.1 +0.3
CHIR	Chirikof Islan	59.86	39	P	P	04 24 40.0 +0.1
O18K	Koktuh Hills	59.89	34	P	P	04 24 40.1 0.0
P18K	Big Mountain,	59.89	35	P	P	04 24 40.8 +0.6
L19K	White Mountain	60.01	32	P	P	04 24 41.7 +0.8
L19K	White Mountain	60.01	32	P	P	04 24 44.5
L19K	White Mountain	60.01	32	P	P	04 24 41.5 +0.6
H20K	Anotleneega Mo	60.01	28	P	P	04 24 41.6 +0.8
Q18K	Katmai Hardscr	60.04	36	P	P	04 24 42.4 +1.1
DZM	Mont Dzumac	60.13	140	eP	P	04 24 42.2 0.0
DZM	Mont Dzumac	60.13	140	eP	S	04 32 54.4 -0.3
DZM	Mont Dzumac	60.13	140	eP	LR	04 42 26.2
I20K	Naaghdeneel	60.17	29	P	P	04 24 42.9 +1.1
I20K	Naaghdeneel	60.17	29	P	P	04 24 45.4
I20K	Naaghdeneel	60.17	29	P	P	04 24 42.8 +0.9
C21K	Knifblade Rid	60.19	24	P	P	04 24 41.9 -0.1
N19K	Bonanza Creek	60.22	33	P	P	04 24 42.7 +0.3
M19K	Big River Log	60.23	32	P	P	04 24 44.1 +1.7
M19K	Big River Log	60.23	32	P	P	04 24 47.7
M19K	Big River Log	60.23	32	P	P	04 24 42.5 +0.1
A22K	Sinclair Lake	60.25	21	P	P	04 24 42.5 +0.2
B21K	Ikpikpuk River	60.28	23	P	P	04 24 43.3 +0.7
B21K	Ikpikpuk River	60.28	23	P	P	04 24 41.6 -0.9
J20K	Nowinta River	60.31	29	P	P	04 24 43.9 +1.0
J20K	Nowinta River	60.31	29	P	P	04 24 46.8
J20K	Nowinta River	60.31	29	P	P	04 24 41.6 -1.3
K20K	Telida	60.35	30	P	P	04 24 44.1 +0.8
K20K	Telida	60.35	30	P	P	04 24 46.8
K20K	Telida	60.35	30	P	P	04 24 42.7 -0.5
E21K	Killik River	60.45	24	P	P	04 24 44.5 +0.6
E21K	Killik River	60.45	24	P	P	04 24 47.1
E21K	Killik River	60.45	24	P	P	04 24 43.8 0.0
L20K	Farewell, AK	60.46	31	P	P	04 24 43.5 -0.4
IMAR	Indian Moutai	60.49	27	P	P	04 24 45.1 +1.1
ARMA	Armidade	60.54	158	P	P	04 24 45.4 +0.5

G21K	Allakaket	60.59	27	P	P	04 24 46.5 +1.7
G21K	Allakaket	60.59	27	P	P	04 24 59.3
G21K	Allakaket	60.59	27	P	P	04 24 44.2 -0.6
F21K	Alatna River	60.61	26	P	P	04 24 44.4 -0.5
S11	Sitkinak Islan	60.61	38	P	P	04 24 44.9 -0.2
B22K	Teshchuk Lake	60.73	22	P	P	04 24 45.9 +0.3
M20K	Styx River	60.83	32	P	P	04 24 46.6 0.0
H21K	Melozitna Rive	60.88	28	P	P	04 24 48.3 +1.6
H21K	Melozitna Rive	60.88	28	P	P	04 24 50.6
H21K	Melozitna Rive	60.88	28	P	P	04 24 46.9 +0.2
P19K	Oil Pt	60.90	35	P	P	04 24 46.5 -0.5
D22K	Ayikyak River	60.94	24	P	P	04 24 48.8 +1.7
D22K	Ayikyak River	60.94	24	P	P	04 24 47.0 -0.1
O2AK	Old Harbor	61.05	37	P	P	04 24 47.8 -0.2
F22K	John River	61.11	25	P	P	04 24 48.4 +0.1
CHUM	Lak Minchumin	61.12	30	P	P	04 24 48.3 -0.1
O20K	Slope Mountain	61.17	34	P	P	04 24 48.0 -0.9
PPLA	Purkeypile	61.22	31	P	P	04 24 49.2 -0.1
I21K	Tanana	61.23	28	P	P	04 24 48.2 -0.9
E22K	Anaktuvuk Pass	61.25	25	P	P	04 24 50.8 +1.5
E22K	Anaktuvuk Pass	61.25	25	P	P	04 24 52.9
E22K	Anaktuvuk Pass	61.25	25	P	P	04 24 48.5 -0.7
N20K	Mount Spurr	61.31	33	P	P	04 24 49.7 -0.1
SPCR	Spurr Chakacha	61.31	33	P	P	04 24 49.7 -0.1
KDAK	Kodiak Island	61.38	37	P	P	04 24 50.2 0.0
G22K	Bettles	61.38	26	P	P	04 24 50.2 +0.1
H22K	Ishtalinta Cre	61.46	27	P	P	04 24 50.5 -0.2
SKT	Skwentna	61.58	32	P	P	04 24 51.6 0.0
SKT	Skwentna	61.58	32	P	P	04 24 51.7 +0.1
D23K	Nanushuk River	61.66	24	P	P	04 24 51.9 -0.1
C23K	Ikilik River	61.68	23	P	P	04 24 52.2 +0.2
BPWA	Bear Paw Mtn.	61.70	29	P	P	04 24 52.6 +0.2
HOM	Homer	61.70	34	P	P	04 24 52.6 +0.2
MLY	Manley	61.76	28	P	P	04 24 54.2 +1.5
MLY	Manley	61.76	28	P	P	04 24 57.3
MLY	Manley	61.76	28	P	P	04 24 53.6 +0.8
KTH	Kantishna Hill	61.76	30	P	P	04 24 53.6 +0.8
KTH	Kantishna Hill	61.76	30	P	P	04 24 56.5
COLD	Coldfoot	61.88	26	P	P	04 24 54.2 +0.7
G23K	Bananza Creek	61.98	26	P	P	04 24 55.8 +1.7
G23K	Bananza Creek	61.98	26	P	P	04 24 57.9
G23K	Bananza Creek	61.98	26	P	P	04 24 53.5 -0.7
SUA	Susitna One	61.99	32	P	P	04 24 53.6 -0.8
TOLK	Toolik Lake Re	62.07	24	P	P	04 24 54.1 -0.7
E23K	Chandalar	62.08	25	P	P	04 24 55.7 +0.8
E23K	Chandalar	62.08	25	P	P	04 24 55.1 +0.2
BRSE	Bradley Lake S	62.15	34	P	P	04 24 55.5 +0.1
H23K	Yukon River	62.22	27	P	P	04 24 55.9 +1.1
H23K	Yukon River	62.22	27	P	P	04 24 56.7 -0.1
M22K	Willow	62.26	32	P	P	04 24 56.2 +0.1
M22K	Willow	62.26	32	P	P	04 24 56.0 0.0
D24K	Happy Valley	62.32	24	P	P	04 24 57.1 +0.7
I23K	Minto, Yukon-K	62.34	28	P	P	04 24 56.9 +0.3
C24K	Franklin Bluff	62.34	23	P	P	04 24 56.5 -0.1
E24K	Your Creek	62.50	25	P	P	04 24 57.5 -0.2
NEA2	Nenana	62.50	29	P	P	04 24 58.0 +0.3
NEA2	Nenana	62.50	29	P	P	04 25 01.0
NEA2	Nenana	62.50	29	P	P	04 24 57.6 -0.1
RC01	Rabbit Creek A	62.51	33	P	P	04 24 58.6 +0.8
RC01	Rabbit Creek A	62.51	33	P	P	04 25 00.5
RC01	Rabbit Creek A	62.51	33	P	P	04 24 58.0 +0.2
MCK	McKinley	62.63	30	P	P	04 24 58.6 0.0
RND	Reinder	62.70	30	P	P	04 24 59.3 +0.2
RND	Reinder	62.70	30	P	P	04 25 01.5
PMR	Palmer	62.75	32	P	P	04 25 00.1 +0.7
PMR	Palmer	62.75	32	P	P	04 25 10.7
PMR	Palmer	62.75	32	P	P	04 24 59.1 -0.3
SEW	Seward	62.76	34	P	P	04 24 59.6 +0.2
F24K	Squaw Lake	62.76	25	P	P	04 25 00.7 +1.3
F24K	Squaw Lake	62.76	25	P	P	04 25 03.2
F24K	Squaw Lake	62.76	25	P	P	04 24 59.6 +0.1
MDM	Murphy Dome	62.83	28	P	P	04 25 00.5 +0.6
WAT1	Susitna Watana	62.89	31	P	P	04 25 00.8 +0.4
H24K	Noodor Dome	62.90	27	P	P	04 25 00.7 +0.3
H24K	Noodor Dome	62.90	27	P	P	04 25 04.4
H24K	Noodor Dome	62.90	27	P	P	04 25 00.7 +0.3
WRH	Wood River Hill	62.93	29	P	P	04 25 02.0 +1.4
WRH	Wood River Hill	62.93	29	P	P	04 26 03.8
G24K	Hadweencic Riv	62.99	26	P	P	04 25 01.5 +0.6
G24K	Hadweencic Riv	62.99	26	P	P	04 25 04.9
G24K	Hadweencic Riv	62.99	26	P	P	04 25 01.3 +0.4
CCB	Clear Creek Bu	63.04	29	P	P	04 25 02.1 +0.9
CCB	Clear Creek Bu	63.04	29	P	P	04 25 24.6
KNK	Knik Glacier	63.09	32	P	P	04 25 00.9 -0.8
SML	Sawmill	63.10	32	P	P	04 25 01.8 0.0
SML	Sawmill	63.10	32	P	P	04 25 17.9
SML	Sawmill	63.10	32	P	P	04 25 01.0 -0.9
POKR	Poker Plat Res	63.15	28	P	P	04 25 00.8 -1.2
D25K	Kavik River	63.19	23	P	P	04 25 03.1 +0.9
D25K	Kavik River	63.19	23	P	P	04 25 01.5 -0.7
PWL	Port Wells	63.22	33	P	P	04 25 02.7 +0.2
WAT6	Susitna Watana	63.29	31	P	P	04 25 02.1 -1.1
M23K	Glacier View	63.39	32	P	P	04 25 03.5 -0.1
DHY	Denali Highway	63.40	30	P	P	04 25 03.9 -0.1
ILAR	Eielson Array	63.42	28	P		

Table with columns: STKA, Stephens Creek, 59.38 166 P, P, 04 33 29.6+1.0

VAO 15 04:25:20.8±1.6, 0.96S, 80.84W, h10km, mb4.3
IGQ 15 04:25:21.6±0.6, 1.1±0.2, 81.1W, h3km, M4.5/13
RSCN 15 04:25:24.9±0.5, 1.5±0.2, 81.1W, h15km, mb5.7, mb4.6, ML3.4, Mw(mb)5.3

ISC 15 04:25:20.9±1.3, 0.84S, 0.03:80.90W, 0.06, h15km, gkm, n126, t189/137, Near coast of Ecuador

Main station list table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC

Table with columns: PRAC, Prado, 7.52 53 P, Pn, 04 27 16.6+6.4

IDC 15 04:29:45.4±0.7, 1.47S, 15.87W, h0km, mb4.3/16, mbmp4.3/18, ML3.8/2, MS4.2/31, Eror ellipse: s-maj=25.3km s-min=15.2km az=105.0

NEIC 15 04:29:49.1±1.5, 1.45±0.0, 15.75W, h10km, 1km, mb4.7/32, Eror ellipse: s-maj=21.3km s-min=17.1km az=305.0

ISC 15 04:29:47.6±0.5, 1.44S, 0.09:15.8W, 0.1, h12km, n109, 0.082/80, mb4.6/48, MS4.1/29, 5C-1D, North of Ascension Island

Main station list table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC

Table with columns: SOKA, Soboth, 55.04 25 i P, P, 04 39 20.6+1.3

IDC 15 04:38:36.9±8.4, 20.71S, 147.38E, h0km, mbmp3.0/2, ML2.6/2, Eror ellipse: s-maj=70.6km s-min=63.3km az=160.0, Queensland

ISC 15 04:38:36.9±8.4, 20.71S, 147.38E, h0km, mbmp3.0/2, ML2.6/2, Eror ellipse: s-maj=70.6km s-min=63.3km az=160.0, Queensland

Main station list table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC

6-236.59000°, 658.18000°, λ-61.14000°. NP2: 10.32000°, 641.92000°, λ-127.88000°. Principal axes: T 1.4642, Plg9.0000°, Azm306.0000°; N 0.0140, Plg24.0000°, Azm40.0000°; P -1.4781, Plg64.0000°, Azm198.0000°; GCMT 15 04:40:20.70.1.26: 77N.0.01: 129.54E: 0.01, h12km, MW5.5/148, Moment Tensor Solution. s109.c190; s148.c303; Duration: 1s3 Moment tensor: Scale 1017 Nm; Mn-1.18±0.02; Mbb0.24±0.01; Mbb0.93±0.01; Mn1.08±0.04; Mbb0.61±0.01; Mn1.28±0.04; Best double couple: M2.08400°/1017° NP1: 28±218.0000°, 672.00000°, λ-64.00000°. NP2: 28±21.00000°, 619.00000°, λ-107.00000°. Principal axes: T 1300, Plg27.0000°, Azm304.0000°; N -0.0870, Plg5.0000°, Azm37.0000°; P -2.0390, Plg63.0000°, Azm137.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 15 04:40:19.70.4.26: 71N.0.02: 129.63E: 0.02, h16km, z2km, h16km: pP-P, N1334, s1464/1165, mb5.5/360, M55.1/202, 64C-27D, Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JYRO	Yoronjima	1.10	287	Op	04 40 39.2	+1.2
JYRO	Yoronjima	1.10	287	Sb	04 40 54.2	-0.4
JYRO	Yoronjima	1.10	287	A	04 40 39.2	
JOKE	Okinoerabujima	1.15	305	A	04 40 40.1	-1.1
JOKE	Okinoerabujima	1.15	305	Sb	04 40 55.2	-0.7
JOKE	Okinoerabujima	1.15	305	A	04 40 40.1	
JOW	Kunigami	1.22	276	Pn	04 40 41.3	-0.9
JOW	Kunigami	1.22	276	Pn	04 40 41.5	-0.7
JOW	Kunigami	1.22	276	eP	04 40 41.2	-0.9
JOW	Kunigami	1.22	276	eS	04 40 57.4	-0.7
JOW	Kunigami	1.22	276	A	04 40 41.2	
JTK	Tokunoshima	1.23	331	P	04 40 41.1	-1.2
JTK	Tokunoshima	1.23	331	A	04 40 41.2	-0.9
JNTH	Nagatoyohara	1.45	263	eP	04 40 44.0	-1.4
JNTH	Nagatoyohara	1.45	263	eS	04 41 02.6	-1.5
JNTH	Nagatoyohara	1.45	263	A	04 40 44.0	
JIH	Iheya	1.52	283	P	04 40 45.5	-0.8
JIH	Iheya	1.52	283	eS	04 41 04.7	-1.1
JIH	Iheya	1.52	283	A	04 40 45.5	
JAMN	Amaminishikomi	1.58	345	Pn	04 40 45.6	-1.6
JAMN	Amaminishikomi	1.58	345	eS	04 41 05.4	-1.9
JAMN	Amaminishikomi	1.58	345	A	04 40 45.6	
JZK	Kikaishima	1.63	11	P	04 40 47.0	-0.8
JZK	Kikaishima	1.63	11	eS	04 41 07.0	-1.4
JZK	Kikaishima	1.63	11	A	04 40 47.0	
JKDJ	Kitadaitoujima	1.68	117	Pn	04 40 46.4	-2.0
JKDJ	Kitadaitoujima	1.68	117	eS	04 41 06.7	-2.9
JKDJ	Kitadaitoujima	1.68	117	A	04 40 46.4	
JMZ	Minamidaito 2	1.68	121	Pn	04 40 47.7	-0.8
JMZ	Minamidaito 2	1.68	121	P	04 40 48.9	+0.4
JMZ	Minamidaito 2	1.68	121	eS	04 40 46.3	-2.2
JMZ	Minamidaito 2	1.68	121	eS	04 41 07.4	-2.0
JMZ	Minamidaito 2	1.68	121	A	04 40 46.3	
JAM	Amami Oshima	1.69	359	Pn	04 40 46.9	-1.8
JAM	Amami Oshima	1.69	359	eS	04 41 07.5	-2.6
JAM	Amami Oshima	1.69	359	A	04 40 46.9	
JJT3	Tamagusuku3	1.75	252	P	04 40 49.4	-0.1
JJT3	Tamagusuku3	1.75	252	eS	04 41 10.9	-0.6
JJT3	Tamagusuku3	1.75	252	A	04 40 49.4	
JAGN	Aguni-jima	2.14	267	Pn	04 40 54.1	-0.8
JAGN	Aguni-jima	2.14	267	eS	04 41 18.9	-2.2
JAGN	Aguni-jima	2.14	267	A	04 40 54.1	
JTAJ	Takarajima	2.46	351	Pn	04 40 57.4	-1.8
JTAJ	Takarajima	2.46	351	eS	04 41 27.2	-1.9
JTAJ	Takarajima	2.46	351	A	04 40 57.4	
JKE	Kume jima 2	2.58	262	P	04 40 59.7	-1.2
JKE	Kume jima 2	2.58	262	eS	04 41 30.9	-1.1
JKE	Kume jima 2	2.58	262	A	04 40 59.7	
JNN	Nakanoshima	3.13	4	Pn	04 41 07.0	-1.5
JNN	Nakanoshima	3.13	4	eS	04 41 42.4	-3.1
JNN	Nakanoshima	3.13	4	A	04 41 07.0	
JYAK	Yakushimahirau	3.60	12	Pn	04 41 12.6	-2.3
JYAK	Yakushimahirau	3.60	12	eS	04 41 52.3	-4.8
JYAK	Yakushimahirau	3.60	12	A	04 41 12.6	
JKC	Kuchinoerabu	3.77	7	Pn	04 41 15.9	-1.3
JKC	Kuchinoerabu	3.77	7	A	04 41 15.9	
JMTN	Minamitane	3.84	17	Pn	04 41 17.3	-0.9
JMTN	Minamitane	3.84	17	eS	04 41 38.6	-4.4
JMTN	Minamitane	3.84	17	A	04 41 17.3	
JTN	Tanegashima 3	4.10	16	Pn	04 41 20.6	-1.3
JTN	Tanegashima 3	4.10	16	eS	04 42 06.0	-3.5
JTN	Tanegashima 3	4.10	16	A	04 41 20.6	
JOGS	Gusukube	4.28	244	A	04 41 24.9	
JKMK	Ikemajima	4.33	247	A	04 41 25.1	
JMJ2	Miyako jima3	4.35	244	A	04 41 26.4	
JIRB	Iribujima	4.44	246	A	04 41 26.4	
JTJ	Tarama	4.90	246	A	04 41 32.9	
JNAR	Kushima-Naru	5.01	16	A	04 41 33.8	
JNKG	Nichinankitago	5.16	17	A	04 41 35.9	
JJSG	Ishigakijima	5.25	247	A	04 41 37.6	
JJU	Ishigaki jima	5.48	246	A	04 41 40.9	
JKRS	Kuro-shima	5.65	245	A	04 41 43.2	
IRIF	Iriomote-Funau	5.83	247	A	04 41 45.9	
HATJ	Hateruma jima	5.90	245	A	04 41 46.8	
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48	9	Pn	04 41 54.8	+0.2
JNU	Nakatsue	6.48	9	Pn	04 41 54.6	+0.1
JNU	Nakatsue	6.48	9	Pn	04 41 54.3	-0.3
JNU	Nakatsue	6.48				

Table with columns for airline codes (KUR, HEH, HIA, etc.), flight numbers, destinations, and performance metrics (iSSS, SSS, pmax, smax, etc.).

Table with columns for airline codes (NKL, SOMI, SONM, etc.), flight numbers, destinations, and performance metrics (smax, pmax, etc.).

Table with columns for airline codes (YAK, MA2, SOEI, etc.), flight numbers, destinations, and performance metrics (pmax, smax, etc.).

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like E21K Killik River, HTT Hallett, NWAO Narrogin (SRO), etc.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like KIRV Kirov, O22K Cooper Landing, MCK Mickleley, etc.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like EYAK Cordova Ski Ar, BELG Belogomoye, HOQ Hoqain, etc.

Table with columns for station ID, name, coordinates, and forecast data. Includes stations like I28M Miner Creek, E29M Blow River, E29M Blow River, etc.

Table with columns for station ID, name, coordinates, and forecast data. Includes stations like MOS Mos, MOS Mos, MOS Mos, etc.

Table with columns for station ID, name, coordinates, and forecast data. Includes stations like DLBC Dease Lake, DLBC Dease Lake, FIA1 FINESS Array B, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MMAI, NC303, TESR, HARR, NB2, NOA, MRZ, ONER, VRI, PLOR, BURAR, BFRZ, BFZ, COVR, TURR, NEHR, OZUR, BEL, KOL, MLR, SUMG, UPNV, KOLS, VOIR, SCO, EIL, NLWA, CJR, ARR, CRVS, JMB, MARR, OJC, ELND, GNW, DRGR, LOT, NIE, ATD, LANS, SURR, KDC, PSZ, MPEP, COR, BZS, RZN, MORC, MORC, MORC, MUD, J01E, HO4D, MDVR, DPC, DPC, DPC, RAR, CHVC, UPC, VTE, J04C, HO4A, MMB, SRO, SRO, G05A, SMOL, VRAC, I04A, BOVS.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KXSX, E07A, KRUB, MODS, HODS, MUMS, C09A, G06A, HAWA, PVCC, PVCC, PVCC, I05D, F07A, BRG, BRG, BRG, BRG, BRG, BRG, MORH, E06A, TREC, TREC, TREC, TREC, RICC, GOP, NEW, PRU, PRU, PRU, PRA, CLL, CLL, CLL, CLL, CLL, YBH, YBH, HSKC, TEKS, J05D, RONA, E09A, ZVC, ZVC, SJES, BBL, CKRC, CKRC, CKRC, CKRC, RUDO, HAPS, I07A, O02D, KHC, KHC, KHC, KHC, ARSA, FNA, K07G, GECZ, GERES, GERES, PUK, AGG, MOA.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like IDI, ANOYA, BLY, A051A, BORG, PERS, SOKA, DRME, BRYE, BMO, BIOA, GRF, GRFO, GRFO, CRES, JOBA, OBKA, OBKA, OBKA, OBKA, LES, LES, CEY, DY2G, DY2G, PRED, AFDM, SKDS, ABTA, FFC, WATA, WTTA, STAL, PAHR, MOTA, SQTA, RETA, MFID, PNTR, CMB, FETA, MEM, YERR, WAKR, BHOU, EGMT, DAVA, DLMT, BFO, FRB, HLID, BCLA, BMN, DAVOX, EKA, WLF, BGES, RYN, RCHB, KVN, BOZA, GUA, NVAR, NVAR, DOU, FDMO, NRCA, CAMP, INTR, YHL, PPT, PPT, PPT, PPT, ELK, ELK, DSP, CEL, FLYW, FXWY, RLMT, GRAC, GRAC.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Hansel Valley, Teton Pass, Eagle Creek, Long Hollow, Red Top Meadow, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Schefferville, Tucson, Mbarara, Cooke's Peak, Concha, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Eielson Array, Borovoye Array, Minna Array, etc.

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Table with columns: Station Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like Alice Springs, Alice Springs, Alice Springs, etc.

2018 SEP

Table with columns: Station Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like Kiev, Malin Array Si, Malin Array Si, etc.

15d 5h

Table with columns: Station Name, Frequency, Power, Mode, SNR, and other technical details. Includes stations like Pinedale Array, Pine Spring, South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIHM, JAMN, JZK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JZM, JZT, JAGN, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 15 05:07:41.5, JMA 15 05:07:43.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 15 05:09:30.5, MEX 15 05:08:06.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SOF 15 05:15:58.4, SKO 15 05:15:59.3, etc.

Table with columns: MMB, Musomishta, 1.83 129 P, Pg, 05 16 32.7 -0.8, etc.

IDC 15 05:25:05.7±1.6, 26:67N; 129:87E, h0km, mb3.6/3, m3p3.6/4, ML3.3/1, Error ellipse: s-maj=96.7km

JMA 15 05:25:07.7±0.1, 26:7N; 0:6:129:7E±0.5, h47km, MV2.9/18, NEAR OKINAWAJIMA ISLAND

ISC 15 05:25:04.4±1.5, 26:77N; 0:04:129:68E±0.03, h2km±11km, n18, c177/29, mb3.6/3, Ryukyu Islands

Main table for 1021 with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

IDC 15 05:29:47.6±3.4, 21:44S; 147:99E, h0km, mbmt3.3/2, ML3.1/2, Error ellipse: s-maj=173.5km s-min=43.7km

NOU 15 05:29:47.4, 22:27S; 148:21E, h0km, MLV3.9/9, Queensland, Australia

ISC 15 05:29:48.2±1.3, 22:23S; 0:1x148:14E±0:09, h10km, n13, c152/13, Queensland

Main table for 1021 (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

NEIC 15 05:31:49.9±1.8, 4:5S; 0:1x152:2E±0:1, h115km±6km, mb4.3/22, Error ellipse: s-maj=17.3km s-min=15.2km

IDC 15 05:31:49.6±4.0, 4:45S; 152:15E, h117km±36km, mb3.8/9, mbmp4.1/10, Error ellipse: s-maj=26.2km s-min=20.4km

ISC 15 05:31:48.6±0.4, 5:1S; 0:09:152:11E±0:10, h100km, n40, c185/43, mb4.2/19, New Britain region

Main table for 1021 (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: ILAR, Eielson Array, 82.15 22 P, P, 05 43 56.0 -2.0, etc.

comp=Z, 1.2nm, 0.5s, baz=99, slow=9.2, SNR=5.2

comp=Z, 2.0nm, 0.5s, baz=250, slow=5.2, SNR=6.9

comp=Z, 2.8nm, 1.1s

comp=Z, 2.8nm, 0.8s

comp=Z, 2.6nm, 1.1s

comp=Z, 0.8nm, 0.7s, baz=246, slow=6.7, SNR=5.6

comp=Z, 3.3nm, 0.6s, baz=64, slow=3.3, SNR=1.6

comp=Z, 2.1nm, 0.6s, baz=109, slow=1.5, SNR=5.0

BUI 15 05:38:32.9±0.0, 26:60N; 129:92E, h5km, mb4.6/51, mB5.1/14, Ms4.6/22, Ms7.4/5/22

IDC 15 05:38:36.2±0.7, 26:86N; 129:80E, h0km, mb4.2/21, mbmp4.2/24, ML4.0/3, MS3.8/2, Error ellipse: s-maj=18.8km s-min=14.2km az=90.0

NEIC 15 05:38:38.2±1.3, 26:77N; 0:06:129:68E±0:05, h10km±1km, mb4.75/7, Error ellipse: s-maj=11.0km s-min=7.9km

JMA 15 05:38:39.4±0.1, 26:7N; 0:6:129:7E±0:5, h46km, MD4.4/26, MV4.4/26, NEAR OKINAWAJIMA ISLAND

NIED 15 05:38:39.4, 26:74N; 129:72E, h46km, MW4.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^16Nm; Mn=0.55; Mw0.25; Mw0.3; Ml1.03; Mw0.42; Mw0.28; Fault plane solution: N1:24000x10^16 NP1: phi=250.00000; delta=0.00000; lambda=74.00000; phi2:0.00000; lambda2=140.00000

ISC 15 05:38:38.6±0.7, 26:77N; 0:03:129:73E±0:03, h17km±4km, n196, c121/212, mb4.7/63, MS4.0/20, 3C-2D, Ryukyu Islands

Main table for 1021 (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

NEIC 15 05:31:49.9±1.8, 4:5S; 0:1x152:2E±0:1, h115km±6km, mb4.3/22, Error ellipse: s-maj=17.3km s-min=15.2km

IDC 15 05:31:49.6±4.0, 4:45S; 152:15E, h117km±36km, mb3.8/9, mbmp4.1/10, Error ellipse: s-maj=26.2km s-min=20.4km

ISC 15 05:31:48.6±0.4, 5:1S; 0:09:152:11E±0:10, h100km, n40, c185/43, mb4.2/19, New Britain region

Main table for 1021 (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: MJAR, Matushiro Arr, 12.12 34 Pn, Pn, 05 41 32.0 +1.4, etc.

comp=N, 205nm, 19.9s, baz=264, slow=33

comp=N, 1nm, 0.1s, baz=207, slow=11, SNR=1.7

comp=N, 400nm, 18.7s, baz=206, slow=33

comp=N, 1um, 12.7s

comp=N, 2um, 13.2s

comp=N, 1um, 11.1s

comp=N, 2um, 13.2s

comp=N, 2um, 11.1s

comp=N, 2um, 11.9s

comp=N, 3um, 12.4s

comp=N, 10nm, 0.5s

comp=N, 2um, 12.0s

comp=N, 500nm, 12.0s

comp=N, 1um, 14.0s

comp=N, 2um, 11.1s

comp=N, 2um, 11.1s

comp=N, 2um, 11.1s

comp=N, 2um, 11.1s

comp=N, 2um, 11.1s

comp=N, 2um, 11.1s

comp=N, 2um, 11.1s

comp=N, 2um, 11.1s

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comp=N, 2um, 11.1s

comp=N, 2um, 11.1s

comp=N, 2um, 11.1s

comp=N, 2um, 11.1s

comp=N, 2um, 11.1s

Table of astronomical observations for 15d 7h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2018 SEP, listing station names, coordinates, and observation details.

Table of astronomical observations for 1022, listing station names, coordinates, and observation details.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for AS31 Alice Springs, ASAR Alice Springs, M14K Bethel, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for s-min=19.5km az=75.0, NEIC 15 08:05:12.71.2.26, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for JYRO Yoronjima, JOKE Okinoerabujima, JOW Kunigami, etc.

IDC 15 07:32:48.9.1.1.26:68N:129:56E, h0km, mb3.9/7, mbmp3.9/10, ML3.5/3, Error ellipse: s-maj=51.9km s-min=17.1km az=76.0

NEIC 15 07:32:50.9.1.3.26:75N:129:61E:0.08, h10km, 1km, mb4.4/12, Error ellipse: s-maj=14.7km s-min=12.6km az=166.0

JMA 15 07:32:51.2.0.1.26:70N:129:70E:0.4, h53km, MV3.4/23, NEAR OKINAWAJIMA ISLAND

ISC 15 07:32:50.4.3.4.26:75N:129:71E:0.03, h13km, 22km, n46, r141/59, mb4.3/13, Ryukyu Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for JYRO Yoronjima, JOKE Okinoerabujima, JOW Kunigami, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for FITZ Filizoro Creek, KURBB Kurchatov Arra, WBO Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for JTAJ Takarajima, JTAJ Takarajima, JTAJ Takarajima, etc.

JMN Monobe 7.83 26 Pn Pn 07 34 44.2 +0.1

USRK Ussuriysk Arr. 17.51 5 P P 07 36 56.8 +1.6

SONM Songojino Array 27.86 325 P P 07 38 42.1 +2.3

MTN Manton Dam 39.38 178 P P 07 40 19.7 -0.2

KNRA Kununurra 42.18 181 P P 07 40 42.6 -0.3

MKAR Makanchi Array 42.18 311 P P 07 40 42.1 -0.7

KURBB Kurchatov Arra 45.40 316 P P 07 41 07.6 -0.9

WBO Warramunga Arr 46.46 174 P P 07 41 17.7 +0.2

WRA Warramunga Arr 46.63 174 P P 07 41 18.3 +0.2

CTAO Charters Tower 49.25 159 P P 07 41 39.6 +0.7

AS31 Alice Springs 50.28 175 P P 07 41 46.8 +0.1

ASAR Alice Springs 50.28 175 P P 07 41 47.4 +0.6

ASAR Alice Springs 50.28 175 P P 07 41 47.0 +0.3

C16K Lisburne Hills 56.19 24 P P 07 42 30.2 +0.6

ABKAR Abkulak array 57.25 313 P P 07 42 37.7 +0.2

H18K Kliaae Creek 59.47 33 P P 07 42 54.9 +0.1

E22K Anaktuvuk Pass 61.19 25 P P 07 43 05.8 +1.3

C23K Itkillik River 61.61 23 P P 07 43 07.7 +0.4

E23K Chandalar 62.01 25 P P 07 43 12.3 +2.2

F24K Squaw Lake 62.70 25 P P 07 43 16.6 +2.0

H24K Noodor Dome 62.83 27 P P 07 43 16.7 +1.1

KBZ Khabz 69.85 310 P P 07 44 01.8 +0.9

FINES FINESS Array B 73.06 331 P P 07 44 20.0 +2.2

IDC 15 07:47:35.1.2.0.2.84S:141:58E, h0km, mb3.1/2, mbmp3.2/3, ML3.3/1, Error ellipse: s-maj=350.5km s-min=31.9km az=112.0, Near north coast of New Guinea

BUI 15 08:05:25.2.0.0.26:61N:129:70E, h10km, mb5.4/80, mb5.9/67, MS6.2/94, MS7 6.2/92

IDC 15 08:05:27.2.0.4.26:71N:129:55E, h0km, mb5.0/34, mbmp5.0/40, ML5.0/5, MS5.8/21, Error ellipse: s-maj=13.6km s-min=1.0 km az=69.0

IPGP 15 08:05:29.0.26:69N:129:55E, h19km, Mw5.7, Fault plane solution: NP1: 349.00000; 389.00000; 1.79.00000; NP2: 313.00000; 811.00000; 1.174.00000

NIED 15 08:05:29.1.26:67N:129:68E, h34km, Mw5.7, Moment Tensor Solution. s2 Moment tensor: Scale 1017Nm; Mn:-2.17; Mss:0.40; Mss:1.23; Mss:1.58; Mr:2.82; Fault plane solution: Ms:3.590000x10^17 NP1: 329.00000; 368.00000; -1.94.00000; NP2: 339.00000; 822.00000; -1.80.00000

NEIC 15 08:05:29.1.1.26:68N:129:60E:0.07, h10km, 1km, mb5.6/185, Ms:20.5/4590, Mw5.6/53, Mw5.7/44 Error ellipse: s-maj=11.3km s-min=10.7km az=113.0, Moment Tensor Solution. s2 Moment tensor: Scale 1017Nm; Mn:-3.61; Mss:1.34; Mss:2.27; Mss:1.16; Mss:1.83; Mr:1.41; Fault plane solution: Ms:4.10000x10^17 NP1: 328.67000; 83.49000; -1.06.69000; NP2: 225.39000; 886.66000; -1.89.00000; Principal axes: T 3.6214, Plg42.0000; Azm314.0000; N -0.5344, Plg1.0000; Azm45.0000; P -3.0869, Plg48.0000; Azm136.0000

JMA 15 08:05:29.1.0.1.26:70N:129:70E:0.6, h34km, MD6.2/27, MW5.7/27, NEAR OKINAWAJIMA ISLAND

JMA Feil J1 at NEAR OKINAWAJIMA ISLAND

NEIC 15 08:05:29.2.26:71N:129:53E, h18km, Moment Tensor Solution. Duration: 34 Moment tensor: Scale 1017Nm; Mn:-3.61; Mss:1.34; Mss:2.27; Mss:1.16; Mss:1.83; Mr:1.41; Fault plane solution: Ms:4.10000x10^17 NP1: 328.67000; 83.49000; -1.06.69000; NP2: 225.39000; 886.66000; -1.89.00000; Principal axes: T 3.6214, Plg42.0000; Azm314.0000; N -0.5344, Plg1.0000; Azm45.0000; P -3.0869, Plg48.0000; Azm136.0000

NEIC 15 08:05:29.2.26:71N:129:53E, h18km

NEIC 15 08:05:29.2.26:71N:129:53E, h10km

MOS 15 08:05:31.0.1.26:78N:129:58E, h33km, mb5.8/64, MS5.8/18, Error ellipse: s-maj=6.6km s-min=3.6km az=113.5

GCMT 15 08:05:32.0.1.26:76N:0:01:129:52E:0.01, h12km, MW5.8/156, Moment Tensor Solution. s131 c255; s156, c339; Duration: 18 Moment tensor: Scale 1017 Nm; Mn:-2.71; Mss:0.03; Mss:0.92; Mss:1.79; Mr:0.3; Mss:3.27; Mss:1.62; Mss:3.02; Mss:0.9; Best double couple: Ms:5.30000x10^17 NP1: 326.00000; 874.00000; -1.85.00000; NP2: 27.00000; 817.00000; -1.108.00000; Principal axes: T 5.4270, Plg29.0000; Azm312.0000; N -0.2520, Plg5.0000; Azm44.0000; P -5.1730, Plg61.0000; Azm144.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=80s. Triangular moment-rate function

ISC 15 08:05:29.7.0.4.26:70N:129:56E:0.02, h17km, 2km, h17km; PP-P.1620, r149/140, mb5.5/259, MS5.5/362, 105C-56D, Ryukyu Islands

JYRO Yoronjima 1.11 287 P Op Pn 08 05 48.9 -1.6

JOKE Okinoerabujima 1.16 305 P Pn 08 05 50.4 -0.8

JOW Kunigami 1.23 276 Pn Pn 08 05 51.2 -1.0

JOW Kunigami 1.23 276 Pn Pn 08 05 50.9 -1.2

JOW Kunigami 1.23 276 Pn Pn 08 06 07.3 -0.8

JOW Kunigami 1.23 276 A Pn 08 05 50.9

JTK Tokunoshima 1.25 330 P Pn 08 05 51.8 -0.6

JTK Tokunoshima 1.25 330 P Pn 08 05 51.8 -0.6

JNT Nagoyotohara 1.47 263 Pn Pn 08 05 54.3 -1.0

JNTH Nagoyotohara 1.47 263 Pn Pn 08 06 12.3 -1.6

JNH Nagoyotohara 1.47 263 Pn Pn 08 05 54.3

JIH Iheya 1.54 283 Pn Pn 08 05 55.7 -0.6

JIH Iheya 1.54 283 Pn Pn 08 06 15.4 -0.4

JAMN Amaminishikomi 1.59 345 P Pn 08 05 55.9 -1.2

JAMN Amaminishikomi 1.59 345 P Pn 08 05 55.9

JZK Kaishima 1.63 10 Pn Pn 08 05 57.4 -0.2

JZK Kaishima 1.63 10 Pn Pn 08 06 18.4 +0.1

JKDJ Kitadaitoujima 1.66 116 Pn Pn 08 05 56.0 -2.0

JKDJ Kitadaitoujima 1.66 116 Pn Pn 08 06 17.3 -1.7

JKDJ Kitadaitoujima 1.66 116 Pn Pn 08 05 56.2 +0.1

JMZ Minamidaito 2 1.67 121 Pn Pn 08 05 59.1 -0.8

JMZ Minamidaito 2 1.67 121 Pn Pn 08 05 59.1 -0.8

JMZ Minamidaito 2 1.67 121 Pn Pn 08 05 56.3 -2.7

JMZ Minamidaito 2 1.67 121 Pn Pn 08 05 56.3

1027

DZM	Mont Dzumac	60.17	140	P	P	08 15 37.2 +0.4
DZM	comp=Z.86nm,1.2s			IAMB	IAMB	08 15 45.9
DZM	comp=Z.3um,21.0s			IAMS_20	IAMS_20	08 37 40.4
DZM	Mont Dzumac	60.17	140	eP	P	08 15 35.6 -1.2
DZM	comp=Z.193nm,1.4s			eS	S	08 23 51.7 +1.9
DZM	comp=Z.3um,25.6s			eSS	SS	08 27 49.4 +1.9
DZM	comp=Z.774nm,24.1s			eLR	LR	08 33 24.9
DZM	comp=Z.5um,23.1s					
DZM	Mont Dzumac	60.17	140	P	P	08 15 38.4 +1.6
DZM	Mont Dzumac	60.17	140	↑P	P	08 15 37.5 +0.8
I20K	Naaghedeneel	60.17	29	P	P	08 15 36.7 +0.6
I20K	Naaghedeneel	60.17	29	P	P	08 15 36.7 +0.6
N19K	Bonanza Creek	60.22	33	P	P	08 15 37.2 +0.5
M19K	Big River Lodg	60.24	32	P	P	08 15 37.2 +0.5
B21K	Ikpkpuk River	60.28	23	P	P	08 15 36.9 +0.1
KAAM	Kaadhehdho	60.29	254	IAMS_20	IAMS_20	08 42 58.7
J20K	Nowinta River	60.32	29	IAMS_20	IAMS_20	08 41 53.3
J20K	Nowinta River	60.32	29	P	P	08 15 37.7 +0.5
ONTNC	Ouen Toro	60.36	140	P	P	08 15 39.2 +1.2
K20K	Telida	60.36	30	P	P	08 15 38.9 +1.2
K20K	comp=Z.42nm,1.1s			IAMS_20	IAMS_20	08 43 27.5
K20K	comp=Z.2um,20.0s					
K20K	Telida	60.36	30	P	P	08 15 38.2 +0.7
R18K	Karuk	60.40	37	P	P	08 15 38.8 +1.0
YATNC	Mamie plateau,	60.41	140	P	P	08 15 40.6 +2.2
HTT	Hallett	60.45	171	P	P	08 15 39.6 +1.2
HTT	Hallett	60.45	171	P	P	08 15 39.2 +0.8
E21K	Kilik River	60.45	24	IAMS_20	IAMS_20	08 44 02.1
E21K	Kilik River	60.45	24	P	P	08 15 39.1 +1.0
L20K	Farewell, AK	60.46	31	P	P	08 15 39.4 +1.1
NWA0	Narrogin (SRO)	60.46	192	P	P	08 15 39.3 +0.8
NWA0	Narrogin (SRO)	60.46	192	P	P	08 15 38.9 +0.4
ARMA	Armidale	60.57	158	P	P	08 15 39.9 +0.4
ARMA	Armidale	60.57	158	P	P	08 15 40.7 +1.3
ARMA	Armidale	60.57	158	P	P	08 15 40.7 +1.3
ARMA	Armidale	60.57	158	P	P	08 15 40.7 +1.3
SII	Sitkinak Islan	60.62	38	P	P	08 15 42.2 +2.8
SII	Sitkinak Islan	60.62	38	P	P	08 15 38.9 -0.5
Q19K	Cape Douglas,	60.74	35	P	P	08 15 40.9 +0.7
M20K	Styx River	60.84	32	P	P	08 15 41.5 +0.6
NGCH	Negor - Chabah	60.87	285	P	P	08 15 44.1 +2.6
H21K	Melozitna Rive	60.88	28	IAMS_20	IAMS_20	08 43 09.0
H21K	Melozitna Rive	60.88	28	P	P	08 15 41.4 +0.4
P19K	Oil Pt	60.90	35	P	P	08 15 41.5 +0.2
D22K	Aiykyak River	60.94	24	IAMS_20	IAMS_20	08 44 18.4
D22K	Aiykyak River	60.94	24	P	P	08 15 41.7 +0.3
AUPHS	Peel High Scho	60.96	159	P	P	08 15 44.2 +2.3
OHAK	Old Harbor	61.06	37	P	P	08 15 42.4 +0.1
F22K	John River	61.11	25	P	P	08 15 43.0 +0.4
CHUM	Lake Minchumin	61.13	30	P	P	08 15 43.2 +0.5
O20K	Slope Mountain	61.18	34	P	P	08 15 43.7 +0.5
PPLA	Purkeypile	61.23	31	P	P	08 15 44.0 +0.4
E22K	Anaktuvuk Pass	61.25	25	IAMS_20	IAMS_20	08 44 28.8
E22K	Anaktuvuk Pass	61.25	25	P	P	08 15 44.1 +0.6
N20K	Mount Spurr	61.31	33	P	P	08 15 44.8 +0.7
SPCR	Spurr Chakacha	61.31	33	P	P	08 15 44.7 +0.6
AUDCS	Dubbo College	61.33	162	P	P	08 15 46.6 +2.2
G22K	Bottles	61.38	26	P	P	08 15 44.9 +0.5
KDAK	Kodiak Island	61.39	37	P	P	08 15 45.5 +1.0
SPU	Mount Spurr	61.39	33	P	P	08 15 45.2 +0.6
Q20K	Shuyak Island	61.41	36	P	P	08 15 44.7 0.0
H22K	Ishlaltina Cre	61.46	27	P	P	08 15 45.0 0.0
SKT	Skwentna	61.59	32	P	P	08 15 46.3 +0.4
SKT	Skwentna	61.59	32	P	P	08 15 46.6 +0.7
D23K	Nanushuk River	61.66	24	P	P	08 15 46.8 +0.5
C23K	Ikilik River	61.68	23	P	P	08 15 46.8 +0.5
BPAW	Bear Paw Mtn.	61.70	29	IAMS_20	IAMS_20	08 42 36.0
BPAW	Bear Paw Mtn.	61.70	29	P	P	08 15 47.0 +0.3
HOM	Home	61.71	34	P	P	08 15 47.4 +0.7
MLY	Manley	61.76	28	IAMS_20	IAMS_20	08 43 28.4
MLY	Manley	61.76	28	P	P	08 15 46.7 -0.4
KTH	Kantishna Hill	61.77	30	IAMS_20	IAMS_20	08 42 49.6
CAPN	Captain Cook N	61.86	33	P	P	08 15 48.4 +0.8
COLD	Coldfoot	61.88	26	P	P	08 15 48.6 +0.8
G23K	Bananza Creek	61.98	26	P	P	08 15 48.4 -0.1
SUA	Susitna One	62.00	32	P	P	08 15 49.2 +0.4
SUA	Susitna One	62.00	32	IAMB	IAMB	08 16 12.5
SUA	Susitna One	62.00	32	P	P	08 15 49.0 +0.2
TOLK	Toolik Lake Re	62.07	24	IAMS_20	IAMS_20	08 45 46.6
TOLK	Toolik Lake Re	62.07	24	P	P	08 15 49.4 +0.3
E23K	Chandalar	62.08	25	P	P	08 15 50.0 +0.9
BRLK	Bradley Lake	62.08	34	P	P	08 15 50.0 +0.9
BRLK	Bradley Lake	62.08	34	IAMB	IAMB	08 16 43.1
CUT	Chulitna	62.14	31	P	P	08 15 49.4 -0.2
CUT	Chulitna	62.14	31	P	P	08 15 50.0 +0.4
RKYG	Rocky Gully	62.15	192	P	P	08 15 51.3 +1.5
RKYG	Rocky Gully	62.15	192	P	P	08 15 50.7 +0.9
BRSE	Bradley Lake S	62.16	34	P	P	08 15 49.7 0.0
AUMBR	Murray Bridge	62.17	171	P	P	08 15 51.7 +1.7
H23K	Yukon River	62.22	27	IAMS_20	IAMS_20	08 44 22.7
H23K	Yukon River	62.22	27	P	P	08 15 50.5 +0.5
M22K	Willow	62.27	32	P	P	08 15 50.3 -0.1
M22K	Willow	62.27	32	P	P	08 15 50.9 +0.5
D24K	Happy Valley	62.32	24	P	P	08 15 51.4 +0.8
I23K	Minto, Yukon-K	62.34	28	IAMS_20	IAMS_20	08 43 44.7

2018 SEP

I23K	Minto, Yukon-K	62.34	28	P	P	08 15 51.6 +0.8
C24K	Franklin Bluff	62.34	23	P	P	08 15 51.6 +0.8
BWN	Browne	62.37	29	IAMS_20	IAMS_20	08 44 14.4
E24K	Your Creek	62.50	25	IAMS_20	IAMS_20	08 45 19.9
E24K	Your Creek	62.50	25	P	P	08 15 52.3 +0.3
NEA2	Nenana	62.50	29	IAMS_20	IAMS_20	08 44 14.1
NEA2	Nenana	62.50	29	P	P	08 15 52.8 +0.8
RC01	Rabbit Creek A	62.52	33	P	P	08 15 52.1 0.0
RC01	Rabbit Creek A	62.52	33	IAMB	IAMB	08 16 07.1
RC01	Rabbit Creek A	62.52	33	P	P	08 15 52.1 0.0
O22K	Cooper Landing	62.59	33	P	P	08 15 52.8 +0.3
KIRV	Kirov	62.60	324	LR	LR	08 46 06.6
KIRV	Kirov	62.60	324	/P	P	08 15 52.4 -0.2
MCK	McKinley	62.64	30	P	P	08 15 53.2 +0.3
RND	Rendler	62.70	30	IAMS_20	IAMS_20	08 45 01.3
PMR	Palmer	62.76	32	P	P	08 15 53.9 +0.3
PMR	Palmer	62.76	32	P	P	08 15 53.9 +0.3
SEW	Seward	62.76	34	P	P	08 15 54.0 +0.3
F24K	Squaw Lake	62.76	25	P	P	08 15 54.0 +0.3
WAT1	Susitna Watana	62.90	31	P	P	08 15 55.2 +0.5
H24K	Noodor Dome	62.90	27	IAMS_20	IAMS_20	08 44 53.7
H24K	Noodor Dome	62.90	27	P	P	08 15 55.4 +0.8
WRH	Wood River Hill	62.94	29	IAMS_20	IAMS_20	08 44 16.5
G24K	Hadweenciz Riv	62.99	26	P	P	08 15 56.0 +0.8
COLA	College	63.00	28	P	P	08 15 55.8 +0.6
CCB	Clear Creek Bu	63.04	29	IAMS_20	IAMS_20	08 44 29.3
KNK	Knik Glacier	63.09	32	P	P	08 15 56.6 +0.6
SML	Sawmill	63.11	32	P	P	08 15 56.7 +0.6
POKR	Poker Plat Res	63.15	28	P	P	08 15 57.6 +1.2
D25K	Kavik River	63.18	23	IAMS_20	IAMS_20	08 44 35.9
D25K	Kavik River	63.18	23	P	P	08 15 56.4 -0.1
YNG	Young	63.22	163	P	P	08 15 58.9 +1.8
YNG	Young	63.22	163	P	P	08 15 58.5 +1.5
PWL	Port Wells	63.22	33	P	P	08 15 56.5 -0.3
PWL	Port Wells	63.22	33	IAMB	IAMB	08 16 30.9
PWL	Port Wells	63.22	33	P	P	08 15 56.7 -0.1
WAT6	Susitna Watana	63.30	31	P	P	08 15 56.9 -0.5
JLN	Jain Bani Buh	63.38	283	P	P	08 16 01.5 +3.0
M23K	Glacier View	63.40	32	P	P	08 15 57.9 -0.1
DHY	Denali Highway	63.40	30	IAMS_20	IAMS_20	08 45 13.9
DHY	Denali Highway	63.40	30	P	P	08 15 57.9 -0.3
ILAR	Eielson Array	63.42	28	P	P	08 15 58.2 +0.1
HDA	Harding Lake	63.44	29	IAMS_20	IAMS_20	08 44 52.9
HDA	Harding Lake	63.44	29	P	P	08 15 58.4 +0.2
JASK	Jask - Hormozg	63.52	287	P	P	08 16 01.1 +1.8
G25K	Bearman Lake	63.52	26	P	P	08 15 58.3 -0.4
SCM	Sheep Creek Mo	63.58	32	P	P	08 15 58.7 -0.6
F25K	Christian River	63.62	25	P	P	08 15 59.1 -0.3
WBK	Wadi Bani Khal	63.62	283	P	P	08 16 01.8 +1.7
WBK	Wadi Bani Khal	63.62	283	P	P	08 16 01.8 +1.7
WBK	Wadi Bani Khal	63.62	283	P	P	08 16 01.8 +1.7
WBK	Wadi Bani Khal	63.62	283	P	P	08 16 01.8 +1.7
H26K	Camden Bay	63.64	23	P	P	08 15 59.3 -0.2
C25K	Birch Creek	63.69	27	P	P	08 16 00.3 +0.5
WSAR	Wadi Sarin	63.70	284	LR	LR	08 45 44.4
P23K	Montague Islan	63.80	34	P	P	08 16 00.3 -0.4
GLI	Glacier Island	63.82	33	P	P	08 16 00.9 +0.1
GLI	Glacier Island	63.82	33	IAMB	IAMB	08 16 25.4
GLI	Glacier Island	63.82	33	P	P	08 16 00.5 -0.3
PRP	Porcupine Dome	63.90	28	IAMS_20	IAMS_20	08 44 52.2
PRP	Porcupine Dome	63.90	28	P	P	08 16 01.4 -0.1
K24K	Donnelly Dome	64.02	29	P	P	08 16 02.4 +0.3
BIDO	Bidbid	64.05	284	P	P	08 16 04.2 +1.4
BIDO	Bidbid	64.05	284	P	P	08 16 04.2 +1.4
M24K	Tolsona, Glenn	64.08	31	P	P	08 16 03.2 +0.6
C27K	Jago River	64.09	23	IAMS_20	IAMS_20	

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like AKKB, KIEV Kiev, KIEV Kiev, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like TURR Turia, GVZ Greta Valley S, OZUP Kalwaria Pacla, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like K02D Willamette Mer, MXC Moxie City, DBO Dodson, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like SUNBURY, WESTON, OXFORD, HOCKEY, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like YORONJIMA, JOKE, JOW, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like JAMN, JMZ, JMW, etc.

SOME 15 08:11:52.4, 43.08N-76.35E, h15km, Lake Issyk-Kul

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like MTBS, MTBS, IZV, etc.

NEIC 15 08:12:49.1±1.0, 69.59N, 0.04±144.27W, 0.09, h5km, 7km, Error ellipse: s-maj=6.5km s-min=4.1km az=208.0

AEIC 15 08:12:49.1±1.1, 69.63N, 0.05±144.23W, 0.09, h0km±6km, ML3.7, ML3.6/102(NEIC), Error ellipse: s-maj=7.3km s-min=3.8km az=205.0, Northern Alaska

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like C27K, D25K, D27M, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC. Includes stations like E24K, BMAR, C23K, etc.

Bull 15 08:19:13.0±0.2, 26.45N, 129.73E, h5km, mb4.6/4.0, mB5.1/1, Ms5.4/2, Ms7.5/3/2, IDC 15 08:19:16.9±0.5, 26.63N, 129.55E, h0km, mb4.3/2.6, mBmp4.3/3.0, ML4.5/3, MS4.5/1, Error ellipse: s-maj=18.4km s-min=11.2km az=72.0, NIED 15 08:19:18.5, 26.63N, 129.62E, h37km, MW5.0, Moment Tensor solution: s2 Moment tensor: Scale 10^16N; Mrr=-1.16; Mss=0.75; Mss=0.41; Mss=0.57; Mss=0.47; Fault plane solution: M33.060000x10^16 Np1; q258.000000, s80.000000, A-81.000000. NP2=37.000000, s14.000000, A-130.000000, Kunitani, NEIC 15 08:19:18.5±0.1, 26.61N, 0.5±129.6E, 0.4, h37km, MD4.5/2/7, MW4.4/2/7, NEAR OKINAWAJIMA ISLAND, NEIC 15 08:19:18.5±1.5, 26.61N, 0.06±129.57E, 0.05, h10km, 1km, mb4.9/6.7, Error ellipse: s-maj=9.6km s-min=7.2km az=3.0, ISC 15 08:19:17.9±1.7, 26.64N, 0.03±129.61E, 0.03, h10km±10km, n239, s141/24.8, mb4.8/9.5, AD, Ryukyu Islands

15d 8h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like JYRO, JOKE, JOW, JTK, JNH, etc.

2018 SEP

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like GATA, CMAR, FAKI, PETK, SHL, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like J20K, ARMA, H21K, H23K, etc.

1035 **2018 SEP** 15d 8h

M20K	Styx River	60.89	32	P	P	08 42 29.4	-4.2
H21K	Melozitna Rive	60.93	28	P	Iamb	08 42 35.4	+1.8
H21K	comp=Z,18nm,1.1s Melozitna Rive	60.93	28	P	P	08 42 34.4	+0.7
D22K	Ayikyak River	60.99	24	P	P	08 42 35.4	+1.4
D22K	Ayikyak River	60.99	24	P	P	08 42 35.5	+1.4
OHAK	Old Harbor	61.11	37	P	P	08 42 39.7	+4.8
F22K	John River	61.17	25	P	P	08 42 40.1	+4.8
CHUM	Lake Minchumin	61.18	30	P	P	08 42 38.1	+2.8
PPLA	Purkeypile	61.28	31	P	P	08 42 32.5	-3.7
E22K	Anaktuvuk Pass	61.30	25	P	Iamb	08 42 37.7	+1.5
E22K	comp=Z,21nm,0.8s Anaktuvuk Pass	61.30	25	P	P	08 42 37.4	+1.2
N20K	Mount Spurr	61.37	33	P	P	08 42 37.3	+1.0
SPCR	Spurr Chakacha	61.37	33	P	P	08 42 37.3	+0.5
G22K	Bettles	61.44	26	P	P	08 42 38.2	+1.2
KDAK	Kodiak Island	61.44	37	P	P	08 42 36.4	-0.8
Q20K	Shuyak Island	61.47	36	P	P	08 42 37.5	+0.2
H22K	Ishtalinta Cre	61.51	27	P	P	08 42 38.8	+1.2
SKT	Skwentna	61.64	32	P	P	08 42 41.9	+3.4
D23K	Nanushuk River	61.71	24	P	P	08 42 41.0	+2.1
C23K	Iklikil River	61.73	23	P	P	08 42 38.4	-0.6
BPAW	Bear Paw Mtn.	61.76	29	P	Iamb	08 42 40.9	+1.6
BPAW	comp=Z,17nm,1.2s Bear Paw Mtn.	61.76	29	P	P	08 42 40.6	+1.3
HOM	Homér	61.76	34	P	P	08 42 36.8	-2.6
MLY	Manley	61.81	28	P	Iamb	08 42 40.2	+0.5
CAPN	comp=Z,24nm,1.3s Captain Cook N	61.91	33	P	P	08 42 36.3	-4.0
COLD	Coldfoot	61.94	26	P	P	08 42 41.2	+0.7
G23K	Bananza Creek	62.03	26	P	P	08 42 43.8	+2.7
SUA	Susitna One	62.05	32	P	Iamb	08 42 42.2	+0.8
SUA	comp=Z,12nm,0.8s Susitna One	62.05	32	P	P	08 42 43.3	+1.9
E23K	Chandalar	62.13	25	P	Iamb	08 42 43.1	+1.3
E23K	comp=Z,20nm,0.8s Chulitna	62.20	31	P	P	08 42 42.9	+0.7
CUT	Bradley Lake S	62.21	34	P	P	08 42 42.3	-0.1
H23K	Yukon River	62.27	27	P	P	08 42 44.8	+2.0
M22K	Willow	62.32	32	P	P	08 42 44.0	+1.0
M22K	Willow	62.32	32	P	P	08 42 43.7	+0.7
D24K	Happy Valley	62.38	24	P	P	08 42 44.1	+0.8
I23K	Minto, Yukon-K	62.39	28	P	P	08 42 44.9	+1.4
C24K	Franklin Bluff	62.40	23	P	P	08 42 44.9	+1.5
NEA2	Nenana	62.56	29	P	P	08 42 45.7	+1.1
NEA2	Nenana	62.56	29	P	P	08 42 48.0	+3.4
RC01	Rabbit Creek A	62.57	33	P	P	08 42 46.1	+1.3
KIRV	Kirov	62.62	32	ceP	P	08 42 45.2	+0.1
O22K	Cooper Landing	62.64	33	P	P	08 42 45.9	+0.7
MCK	McKinley	62.69	30	P	P	08 42 46.9	+1.3
PMR	Palmer	62.81	32	P	Iamb	08 42 47.5	+1.2
PMR	comp=Z,17nm,1.2s Palmer	62.81	32	P	P	08 42 47.0	+0.7
PMR	Palmer	62.81	32	P	P	08 42 47.5	+1.2
SEW	Seward	62.81	34	P	P	08 42 47.7	+1.4
F24K	Squaw Lake	62.82	25	P	P	08 42 47.0	+0.7
MDM	Murphy Dome	62.88	28	P	P	08 42 48.7	+1.9
GHO	Glory Hole Cre	62.89	32	P	Iamb	08 42 47.5	+0.5
GHO	comp=Z,11nm,1.0s Susitna Watana	62.95	31	P	P	08 42 49.3	+2.0
H24K	Noodor Dome	62.95	27	P	P	08 42 49.3	+2.0
C24K	Knik Glacier	63.04	26	P	P	08 42 50.0	+2.2
G24K	Hadweenzic Riv	63.04	26	P	Iamb	08 43 00.4	
G24K	comp=Z,22nm,0.9s Hadweenzic Riv	63.04	26	P	P	08 42 49.2	+1.4
KNK	Knik Glacier	63.15	32	P	P	08 42 48.6	-0.1
SML	Sawmill	63.16	32	P	P	08 42 50.0	+1.3
POKR	Poker Plat Res	63.21	28	P	P	08 42 51.0	+2.0
PWL	Port Wells	63.27	33	P	Iamb	08 42 49.8	+0.3
PWL	comp=Z,19nm,1.0s Port Wells	63.27	33	P	P	08 42 46.0	-3.5
WAT6	Susitna Watana	63.35	31	P	P	08 42 49.9	-0.2
JLN	Jalan Bani Buh	63.37	283	P	P	08 43 01.2	+1.0
M23K	Glacier View	63.45	32	P	P	08 42 51.2	+0.6
DHY	Denali Highway	63.45	30	P	P	08 42 52.6	+1.8
ILAR	Eielson Array	63.47	28	P	P	08 42 50.7	0.0
ILAR	comp=Z,1.4nm,0.9s Eielson Array	63.47	28	ep	P	08 42 51.3	+0.6
HDA	Harding Lake	63.49	29	P	Iamb	08 42 51.4	+0.5
HDA	comp=Z,15nm,0.9s Harding Lake	63.49	29	P	P	08 42 51.5	+0.7
G25K	Bearman Lake	63.58	26	P	P	08 42 51.4	+0.1
WBK	Wadi Bani Khai	63.60	283	P	P	08 43 01.9	+0.9
SCM	Sheep Creek Mo	63.63	32	P	P	08 42 52.4	+0.5
F25K	Christian River	63.67	25	P	Iamb	08 42 53.8	+1.7
F25K	comp=Z,19nm,0.9s Christian River	63.67	25	P	P	08 42 53.3	+1.3
H25L	Birch Creek	63.75	27	P	P	08 42 53.9	+1.4
P23K	Montague Islan	63.85	34	P	P	08 42 54.5	+1.3
GLK	Glacier Island	63.87	33	P	P	08 42 55.4	+2.0
PRP	Porcupine Dome	63.96	28	P	P	08 42 55.2	+1.2
BIDO	Bidbid	64.03	284	P	P	08 43 03.1	+8.0
K24K	Donnelly Dome	64.07	29	P	P	08 42 55.3	+0.6
BMAR	Burnt Mountain	64.09	25	P	P	08 42 55.6	+0.8

M24K	Tolsona, Glenn	64.13	31	P	P	08 42 56.4	+1.2
C27K	Jago River	64.14	23	P	P	08 42 55.7	+0.7
J25K	Salcho River,	64.14	29	P	P	08 42 56.4	+1.3
F26K	Sheenjok River	64.22	25	P	P	08 42 57.7	+2.0
SMD	Samad	64.25	284	P	P	08 43 06.9	+1.0
PAXO	Paxton	64.33	30	P	P	08 42 56.3	-0.2
KLU	Klutina	64.34	32	P	P	08 42 57.8	+1.2
CNB	Canara Magne	64.40	162	P	P	08 42 59.4	+2.3
JMDO	Jabal Madar	64.44	283	P	P	08 43 07.0	+9.3
G26K	Porcupine River	64.46	26	P	P	08 42 59.2	+2.1
Q23K	Middleton Isla	64.46	34	P	P	08 42 57.9	+0.7
RIDG	Independent Ri	64.49	29	P	P	08 42 54.6	-2.9
HARP	HARP	64.56	31	P	P	08 42 58.5	+0.6
EYAK	Cordova Ski Ar	64.58	33	P	P	08 42 57.9	0.0
BELG	Belogomoye	64.59	318	ceP	P	08 42 57.8	-0.4
BELG	comp=Z,10.0nm,0.9s Hoqain	64.72	285	P	P	08 43 08.1	+8.5
HOQ	Hoqain	64.72	285	P	P	08 43 08.1	+8.5
SCRK	Sand Creek	64.83	29	P	Iamb	08 43 00.8	+1.0
SCRK	comp=Z,18nm,1.2s Sand Creek	64.83	29	P	P	08 43 00.3	+0.5
J26L	Joseph Creek	64.93	28	P	Iamb	08 43 00.9	+0.5
J26L	comp=Z,12nm,0.9s Joseph Creek	64.93	28	P	P	08 43 00.2	-0.2
N25K	Chitina Valde	64.95	32	P	P	08 43 00.4	-0.2
I26K	Coal Creek Min	64.97	28	P	P	08 43 00.5	0.0
MDH	Madhi	65.03	287	P	P	08 43 11.7	+1.0
BMRM	Bremner River	65.06	32	P	P	08 43 01.8	+0.5
BSY	Bisya	65.09	284	P	P	08 43 12.7	+1.1
E27K	Coleen River	65.11	24	P	P	08 43 03.4	+2.0
MENT	Mentasta	65.12	30	P	Iamb	08 43 02.9	+1.3
D27M	Malcolm River	65.16	23	P	P	08 43 01.0	-0.8
SOHO	SOHO	65.21	286	P	P	08 43 10.1	+7.3
L26K	Log Cabin Wild	65.28	30	P	P	08 43 03.2	+0.6
G27K	Doyon Strip	65.32	26	P	P	08 43 03.4	+0.6
KAIM	Kayak Island	65.34	34	P	P	08 43 05.6	+2.7
GLB	Gilalina Butte	65.35	32	P	Iamb	08 43 04.2	+1.1
H27K	comp=Z,22nm,1.4s Steamboat Moun	65.47	26	P	P	08 43 07.3	-0.1
ARQ	Araqi	65.48	285	P	P	08 43 14.7	+1.0
I27K	Kantik River	65.55	27	P	P	08 43 04.9	+0.6
M26K	Nabesna, AK	65.55	31	P	P	08 43 06.3	+1.9
K27K	Chicken	65.65	29	P	Iamb	08 43 06.7	+1.8
K27K	comp=Z,11nm,1.1s Chicken	65.65	29	P	P	08 43 06.9	+2.0
MCARA	McCarthy VSAT	65.73	32	P	Iamb	08 43 07.6	+2.1
MCARA	comp=Z,11nm,1.0s McCarthy VSAT	65.73	32	P	P	08 43 08.2	+2.6
E28M	Babage River	65.78	24	P	P	08 43 06.4	+0.7
CRQE	Cirque	65.83	33	P	P	08 43 07.4	+1.1
F28M	Old Crow	65.85	25	P	P	08 43 09.6	+3.4
BGLC	Bering Glacier	65.86	33	P	P	08 43 06.3	-0.1
EGAK	Eagle	65.90	28	P	P	08 43 07.8	+1.3
L27K	Beaver Creek,	65.95	30	P	P	08 43 06.8	-0.1
M27K	Edge Creek, AK	66.07	31	P	Iamb	08 43 09.4	+1.5
M27K	comp=Z,13nm,1.1s Edge Creek, AK	66.07	31	P	P	08 43 09.6	+1.8
I28M	Miner Creek	66.27	27	P	P	08 43 10.0	+1.0
I28M	Miner Creek	66.27	27	P	P	08 43 11.6	+2.6
E29M	Blow River	66.42	24	P	P	08 43 10.4	+0.7
YAH	Yahhtse	66.56	33	P	P	08 43 12.0	+0.9
CTG	Chitna Glacier	66.62	32	P	P	08 43 13.2	+1.8
G29M	Pine Creek	66.70	25	P	P	08 43 13.4	+1.8
G29M	Pine Creek	66.70	25	P	P	08 43 13.6	+2.0
H29M	Whitestone	66.73	26	P	P	08 43 14.0	+2.2
H29M	Whitestone	66.73	26	P	P	08 43 12.4	+0.6
DAWY	Dawson	66.80	29	P	P	08 43 13.9	+1.5
DAWY	Dawson	66.80	29	P	P	08 43 15.0	+2.6
YUK3	Moose Creek	66.85	31	P	P	08 43 15.3	+2.4
J29N	Klondike Camp	67.21	28	P	P	08 43 16.9	+1.9
O28M	Mount Upton	67.21	32	P	P	08 43 17.6	+2.3
YUK8	Steele Glacier	67.29	32	P	P	08 43 17.4	+1.6
EPYK	Eagle Plains	67.34	26	P	P	08 43 16.8	+1.1
EPYK	Eagle Plains	67.34	26	P	P	08 43 17.4	+1.7
PINM	Pinnacle	67.35					

15d 8h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like AKASG Malin Array Be, AKASG Malin Array Be, AKBB Malin Array Si, etc.

2018 SEP

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like CLL Collin, CLL Collin, CLL Collin, etc.

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Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like JMTN Minamitane, JMTN Tanegashima 3, JNU Nakatsue, etc.

IDC 15 08:38:50.5i,0.7,26:58N;129:43E,h0km,mb4.1/16, mbtmp4.1/19,ML3.9/3,Error ellipse:s-maj=23.1km s-min=15.0km az=89.0

NEIC 15 08:38:51.9i,1.4,26:67N;129:56E;0.05,h10km,1km, mb4.6/18,Error ellipse:s-maj=11.3km s-min=4.2km

JMA 15 08:38:52.6i,0.1,26:61N;129:46E;0.4,h46km,MD4.3/27, MV4.0/27,NEAR OKINAWAJIMA ISLAND

ISC 15 08:38:51.1i,1.6,26:66N;129:59E;0.03,h8km,10km, n71,i193/87,mb4.4/26,Ryukyu Islands

SSNC 15 08:53:43.0i,1.0,19:57N;78:04W,h47km,24km,MD3.2, ML2.5

JSN 15 08:53:44.7i,0.4,19:46N;77:91W,h46km,10km,MD3.5

ISCN 15 08:53:42.1i,2.7,19:55N;101:177.8W;0.2,h16km,16km,n9, o556/17,2C-1D,Cuba region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Las Mercedes, Yonorojima, Kuroberujima, etc.

1502 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JIH Iheya, JMZ Minamidaito 2, JKDJ Kitadaitoujima, etc.

IDC 15 09:43:51.1-1.5, 36.88N-140.54E, h0km, mb3.5/4, mbtmp3.6/6, ML3.2/2, Error ellipse: s-maj=28.5km s-min=21.0km az=86.0

JMA 15 09:43:52.1-0.0, 36.71N-140.07, 140.6E-0.1, h8km, MV3.7/20, NORTHERN IBARAKI PREF. JMA Felt III J1 at NORTHERN IBARAKI PREF.

ISC 15 09:43:52.3-1.0, 36.72N-140.02, 140.58E-0.04, h8km, 7km, n26, e90/26, mb3.4/4, 12D, Near east coast of eastern Honshu

Main table for 1502 9h section, listing station codes (JHO, JFD, JHYU, etc.) and their corresponding data.

IDC 15 09:44:05.6-4.7, 8.70S-118.77E, h0km, mb3.7/2, mbtmp3.8/3, ML3.9/1, MS2.3/1, Error ellipse: s-maj=195.1km s-min=49.3km az=47.0, Sumbawa region

Table for 1502 9h section, listing station codes (WRA, ASAR, CTX, etc.) and their corresponding data.

NEIC 15 09:47:38.2-1.1, 26.66N-108.29E, h10km, 1km, mb4.1/10, Error ellipse: s-maj=13.4km s-min=7.8km az=17.0

IDC 15 09:47:39.2-0.9, 26.61N-129.22E, h0km, mb3.8/8, mbtmp3.8/11, ML3.7/3, MS3.1/1, Error ellipse: s-maj=24.5km s-min=17.1km az=82.0

JMA 15 09:47:41.8-0.2, 36.71N-140.07, 140.6E-0.1, h46km, MV3.7/26, NEAR OKINAWAJIMA ISLAND

ISC 15 09:47:39.2-1.3, 26.64N-103.129E, h0km, h14km, 8km, n52, e137/68, mb4.0/12, Ryukyu Islands

Main table for 1502 9h section, listing station codes (JYRO, JOKE, JOU, etc.) and their corresponding data.

2018 SEP

Main table for 2018 SEP section, listing station codes (JYAK, JKC, JMNT, etc.) and their corresponding data.

IDC 15 09:48:38.5-0.8, 26.53N-129.04E, h0km, mb3.8/12, mbtmp3.8/16, ML3.9/3, MS3.1/1, Error ellipse: s-maj=28.3km s-min=16.4km az=83.0

NEIC 15 09:48:39.8-1.4, 26.70N-108.129E, h10km, 1km, mb4.2/14, Error ellipse: s-maj=12.9km s-min=5.0km az=4.0

NIED 15 09:48:40.4, 26.62N-129.59E, h39km, MW4.5, Moment Tensor Solution, s2 Moment tensor: Scale 10^15Nm; Mw=2.43; Mw2.01; Mw4.02; Mw4.95; Mw5.07; Mw0.35; Fault plane solution: M5.49000x10^15 NP1: phi=264.00000, delta=0.00000, lambda=115.00000

JMA 15 09:48:40.4-0.1, 26.66N-108.29E, h46km, MV3.9/25, NEAR OKINAWAJIMA ISLAND

ISC 15 09:48:39.3-1.4, 26.68N-103.129E, h0km, h15km, 9km, n62, e149/73, mb4.1/17, Ryukyu Islands

Main table for 2018 SEP section, listing station codes (JYRO, JOKE, JOU, etc.) and their corresponding data.

TATO 15 09:48:40.4, 26.62N-129.59E, h39km, MW4.5, Moment Tensor Solution, s2 Moment tensor: Scale 10^15Nm; Mw=2.43; Mw2.01; Mw4.02; Mw4.95; Mw5.07; Mw0.35; Fault plane solution: M5.49000x10^15 NP1: phi=264.00000, delta=0.00000, lambda=115.00000

JMA 15 09:48:40.4-0.1, 26.66N-108.29E, h46km, MV3.9/25, NEAR OKINAWAJIMA ISLAND

ISC 15 09:48:39.3-1.4, 26.68N-103.129E, h0km, h15km, 9km, n62, e149/73, mb4.1/17, Ryukyu Islands

Main table for 2018 SEP section, listing station codes (JYRO, JOKE, JOU, etc.) and their corresponding data.

1038

Main table for 1038 section, listing station codes (SONM, CMAR, KNRA, etc.) and their corresponding data.

IDC 15 09:49:40.6-2.2, 2.53N-65.39E, h0km, mb3.9/3, mbtmp3.9/3, MS3.5/1, Error ellipse: s-maj=66.0km s-min=51.3km az=45.0, Carlsberg Ridge

Main table for 1038 section, listing station codes (PALK, CMAR, H04N2, etc.) and their corresponding data.

NEIC 15 09:55:11.4-0.8, 19.55S-172.177E, h50km, 12km, mb4.1/22, Error ellipse: s-maj=27.0km s-min=5.4km az=153.0

IDC 15 09:55:13.3-2.3, 19.96S-178.02W, h420km, 24km, mb3.3/7, mbtmp4.1/9, Error ellipse: s-maj=23.1km s-min=19.3km az=132.0

ISC 15 09:55:10.7-0.6, 19.85S-177.75W, h400km, n36, e1949/37, mb4.0/18, Fiji Islands region

Main table for 1038 section, listing station codes (MSVF, NIUF, AFI, etc.) and their corresponding data.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BELA, TXAR, ILAR, PDAR.

IDC 15 10:05:10.0-0.9, 26.62N:129.40E, h0km, mb3.9/13, mbtmp3.8/16, ML3.6/3, Error ellipse: s-maj=36.1km s-min=16.4km az=79.0

NEIC 15 10:05:11.9-1.0, 26.72N:0.09:129.56E:0.03, h10km, 1km, mb4.3/8, Error ellipse: s-maj=15.4km s-min=3.3km az=12.0

JMA 15 10:05:11.9-0.1, 26.71N:0.5:129.7E:0.4, h50km, MV3.6/26, NEAR OKINAWAJIMA ISLAND

NIED 15 10:05:11.9, 26.71N:129.69E, h50km, MW4.1, Moment Tensor Solution. s2 Moment tensor: Scale 10^15Nm; Mn:0.85; Mw:0.34; Mx:0.51; My:0.98; Mz:0.57; Fault plane solution: Ms:1.40000x10^15 NP1: 0.237, 0.00000, 0.72, 0.00000, -1.79, 0.00000; NP2: 0.24, 0.00000, 0.62, 0.00000, -1.21, 0.00000

ISC 15 10:05:10.7-1.8, 26.74N:0.03:129.67E:0.03, h8km, 11km, n50, r165/69, mb3.9/16, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JYRO, JOKE, JTK, JOW, JMW, JNH, JJI, JAM, JKM, JJK, JJA, JKE, JNE, JNN, JYAK, JYAK, JKC, JMTN, JMTN, JTN, JNU, JNU.

JNU 1.1nm, 0.3s, baz=113, slow=20, SNR=1.7, 7.8nm, 0.4s

JMN Monobe 7.86 27 Pn Pn 10 07 05.2 -0.1

KSR5 Korea Array 10.76 353 Pn Pn 10 07 47.2 +2.0

BJT Baijiatuu 17.36 323 P P 10 09 14.2 +1.0

USKR Ussuriysk Arr 17.52 6 P P 10 09 18.6 +2.2

ASAJ Asahikawa 20.24 28 P P 10 09 49.0 +2.8

SONM Songino Array 27.85 325 P P 10 11 00.8 +0.1

SONM Songino Array 27.85 325 P P 10 11 01.2 +0.6

MKAR Makanchi Array 42.16 311 P P 10 13 03.3 -0.4

KURB5 Kurchatov Arr 45.38 316 P P 10 13 28.5 -0.9

BOOM Boomschoy usch 46.17 304 P P 10 13 35.8 -0.3

WB0 Warramunga Arr 46.64 174 P P 10 13 38.3 +0.1

WB0 Warramunga Arr 46.64 174 P P 10 13 39.1 -0.4

WB2 Warramunga Arr 46.64 174 P P 10 13 39.7 +0.2

WR0 Warramunga Arr 46.64 174 P P 10 13 39.9 +0.1

WR0 Warramunga Arr 46.64 174 P P 10 13 40.7

CTAO Charters Tower 49.25 159 P P 10 14 00.7 +0.9

CTAO Charters Tower 49.25 159 P P 10 14 01.2

AS31 Alice Springs 50.28 175 P P 10 14 08.2 +0.6

AS31 Alice Springs 50.28 175 P P 10 14 09.5

ASAR Alice Springs 50.28 175 P P 10 14 08.1 +0.5

ASAR Alice Springs 50.28 175 P P 10 14 07.7 0.0

BVAR Borovoye Array 50.76 318 P P 10 14 10.9 -0.1

ABKAR Akbulak array 57.24 313 P P 10 14 58.1 -0.3

KBZ Khabaz 69.83 310 P P 10 16 22.3 +0.6

FINES FINESS Array B 73.05 331 P P 10 16 41.0 +0.2

FINES FINESS Array B 73.05 331 P P 10 16 41.0 +0.2

AKASG Malin Array Be 75.98 320 P P 10 16 58.0 -0.1

BRTR Keskin Array B 77.73 308 P P 10 17 08.5 +0.1

NOA NORSTAR Array B 79.42 334 P P 10 17 19.1 +1.9

GERES GERES Array B 85.57 323 P P 10 17 50.4 +0.9

IDC 15 10:07:07.5-1.7, 26.69N:130.42E, h0km, mb3.5/4, mbtmp3.5/5, ML3.2/1, MS3.7/1, Error ellipse: s-maj=77.5km s-min=23.3km az=72.0

JMA 15 10:07:08.0-0.1, 26.71N:0.5:129.7E:0.5, h50km, MV3.0/17, NEAR OKINAWAJIMA ISLAND

ISC 15 10:07:07.3-3.6, 26.73N:0.04:129.71E:0.04, h12km, 24km, n19, r190/27, mb3.6/4, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JYRO, JOKE, JTK, JOW, JMW, JNH, JJI, JAM, JKM, JJK, JJA, JKE, JNE, JNN, JYAK, JYAK, JKC, JMTN, JMTN, JTN, JNU, JNU.

JYRO Yoronjima 1.16 285 P P 10 07 29.0 -0.7

JOKE Okinoerabujima 1.19 302 P P 10 07 29.8 -0.5

JOKE Okinoerabujima 1.19 302 P P 10 07 45.1 -0.6

JTK Tokunoshima 1.25 328 P P 10 07 30.7 -0.3

JTK Tokunoshima 1.25 328 P P 10 07 46.7 -0.6

IDC 15 10:40:40.3-1.4, 4.9S:0.1:153.5E:0.1, h35km, 2km, mb4.0/12, Error ellipse: s-maj=22.2km s-min=16.6km az=55.0

IDC 15 10:40:45.8-5.7, 5.00S:153.41E, h98km, 44km, mb3.5/7, mbtmp3.9/8, Error ellipse: s-maj=49.3km s-min=20.4km az=99.0

ISC 15 10:40:38.1-0.8, 4.78S:0.10:153.6E:0.1, h35km, n25, r1505/27, mb3.9/12, New Ireland region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RABL, PMG, PMG, PMG, PMG, CTAO, GUMO, MTN, WB0, ASAR, HFS, PDAR, TXAR.

RABL Rabaul 1.56 292 P P 10 41 04.2 +0.7

PMG Port Moresby 7.88 234 Pn Pn 10 42 28.8 -1.6

PMG Port Moresby 7.88 234 Pn Pn 10 42 33.3 +2.9

PMG Port Moresby 7.88 234 Pn Pn 10 43 59.5 +1.1

CTAO Charters Tower 16.22 205 P P 10 44 32.8 -0.1

GUMO Guam 20.21 335 P P 10 45 17.7 +3.4

MTN Mantion Dam 23.63 249 P P 10 45 45.0 -1.0

WB0 Warramunga Arr 23.90 230 P P 10 45 48.3 -0.8

WB0 Warramunga Arr 23.90 230 P P 10 46 09.2

ASAR Alice Springs 23.92 239 P P 10 45 48.7 -0.5

WR0 Warramunga Arr 23.92 239 P P 10 46 16.0

WB2 Warramunga Arr 24.06 230 P P 10 45 49.0 -1.4

NEIC 15 10:40:40.3-1.4, 4.9S:0.1:153.5E:0.1, h35km, 2km, mb4.0/12, Error ellipse: s-maj=22.2km s-min=16.6km az=55.0

IDC 15 10:40:45.8-5.7, 5.00S:153.41E, h98km, 44km, mb3.5/7, mbtmp3.9/8, Error ellipse: s-maj=49.3km s-min=20.4km az=99.0

ISC 15 10:40:38.1-0.8, 4.78S:0.10:153.6E:0.1, h35km, n25, r1505/27, mb3.9/12, New Ireland region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RABL, PMG, PMG, PMG, PMG, CTAO, GUMO, MTN, WB0, ASAR, HFS, PDAR, TXAR.

RABL Rabaul 1.56 292 P P 10 41 04.2 +0.7

PMG Port Moresby 7.88 234 Pn Pn 10 42 28.8 -1.6

PMG Port Moresby 7.88 234 Pn Pn 10 42 33.3 +2.9

PMG Port Moresby 7.88 234 Pn Pn 10 43 59.5 +1.1

CTAO Charters Tower 16.22 205 P P 10 44 32.8 -0.1

GUMO Guam 20.21 335 P P 10 45 17.7 +3.4

MTN Mantion Dam 23.63 249 P P 10 45 45.0 -1.0

WB0 Warramunga Arr 23.90 230 P P 10 45 48.3 -0.8

WB0 Warramunga Arr 23.90 230 P P 10 46 09.2

ASAR Alice Springs 23.92 239 P P 10 45 48.7 -0.5

WR0 Warramunga Arr 23.92 239 P P 10 46 16.0

WB2 Warramunga Arr 24.06 230 P P 10 45 49.0 -1.4

NEIC 15 10:40:40.3-1.4, 4.9S:0.1:153.5E:0.1, h35km, 2km, mb4.0/12, Error ellipse: s-maj=22.2km s-min=16.6km az=55.0

IDC 15 10:40:45.8-5.7, 5.00S:153.41E, h98km, 44km, mb3.5/7, mbtmp3.9/8, Error ellipse: s-maj=49.3km s-min=20.4km az=99.0

ISC 15 10:40:38.1-0.8, 4.78S:0.10:153.6E:0.1, h35km, n25, r1505/27, mb3.9/12, New Ireland region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RABL, PMG, PMG, PMG, PMG, CTAO, GUMO, MTN, WB0, ASAR, HFS, PDAR, TXAR.

RABL Rabaul 1.56 292 P P 10 41 04.2 +0.7

PMG Port Moresby 7.88 234 Pn Pn 10 42 28.8 -1.6

PMG Port Moresby 7.88 234 Pn Pn 10 42 33.3 +2.9

PMG Port Moresby 7.88 234 Pn Pn 10 43 59.5 +1.1

CTAO Charters Tower 16.22 205 P P 10 44 32.8 -0.1

GUMO Guam 20.21 335 P P 10 45 17.7 +3.4

MTN Mantion Dam 23.63 249 P P 10 45 45.0 -1.0

WB0 Warramunga Arr 23.90 230 P P 10 45 48.3 -0.8

WB0 Warramunga Arr 23.90 230 P P 10 46 09.2

ASAR Alice Springs 23.92 239 P P 10 45 48.7 -0.5

WR0 Warramunga Arr 23.92 239 P P 10 46 16.0

WB2 Warramunga Arr 24.06 230 P P 10 45 49.0 -1.4

NEIC 15 10:40:40.3-1.4, 4.9S:0.1:153.5E:0.1, h35km, 2km, mb4.0/12, Error ellipse: s-maj=22.2km s-min=16.6km az=55.0

IDC 15 10:40:45.8-5.7, 5.00S:153.41E, h98km, 44km, mb3.5/7, mbtmp3.9/8, Error ellipse: s-maj=49.3km s-min=20.4km az=99.0

ISC 15 10:40:38.1-0.8, 4.78S:0.10:153.6E:0.1, h35km, n25, r1505/27, mb3.9/12, New Ireland region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RABL, PMG, PMG, PMG, PMG, CTAO, GUMO, MTN, WB0, ASAR, HFS, PDAR, TXAR.

RABL Rabaul 1.56 292 P P 10 41 04.2 +0.7

PMG Port Moresby 7.88 234 Pn Pn 10 42 28.8 -1.6

PMG Port Moresby 7.88 234 Pn Pn 10 42 33.3 +2.9

PMG Port Moresby 7.88 234 Pn Pn 10 43 59.5 +1.1

CTAO Charters Tower 16.22 205 P P 10 44 32.8 -0.1

GUMO Guam 20.21 335 P P 10 45 17.7 +3.4

MTN Mantion Dam 23.63 249 P P 10 45 45.0 -1.0

WB0 Warramunga Arr 23.90 230 P P 10 45 48.3 -0.8

WB0 Warramunga Arr 23.90 230 P P 10 46 09.2

ASAR Alice Springs 23.92 239 P P 10 45 48.7 -0.5

WR0 Warramunga Arr 23.92 239 P P 10 46 16.0

WB2 Warramunga Arr 24.06 230 P P 10 45 49.0 -1.4

NEIC 15 10:40:40.3-1.4, 4.9S:0.1:153.5E:0.1, h35km, 2km, mb4.0/12, Error ellipse: s-maj=22.2km s-min=16.6km az=55.0

IDC 15 10:40:45.8-5.7, 5.00S:153.41E, h98km, 44km, mb3.5/7, mbtmp3.9/8, Error ellipse: s-maj=49.3km s-min=20.4km az=99.0

ISC 15 10:40:38.1-0.8, 4.78S:0.10:153.6E:0.1, h35km, n25, r1505/27, mb3.9/12, New Ireland region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RABL, PMG, PMG, PMG, PMG, CTAO, GUMO, MTN, WB0, ASAR, HFS, PDAR, TXAR.

RABL Rabaul 1.56 292 P P 10 41 04.2 +0.7

PMG Port Moresby 7.88 234 Pn Pn 10 42 28.8 -1.6

PMG Port Moresby 7.88 234 Pn Pn 10 42 33.3 +2.9

PMG Port Moresby 7.88 234 Pn Pn 10 43 59.5 +1.1

CTAO Charters Tower 16.22 205 P P 10 44 32.8 -0.1

GUMO Guam 20.21 335 P P 10 45 17.7 +3.4

MTN Mantion Dam 23.63 249 P P 10 45 45.0 -1.0

WB0 Warramunga Arr 23.90 230 P P 10 45 48.3 -0.8

WB0 Warramunga Arr 23.90 230 P P 10 46 09.2

ASAR Alice Springs 23.92 239 P P 10 45 48.7 -0.5

WR0 Warramunga Arr 23.92 239 P P 10 46 16.0

WB2 Warramunga Arr 24.06 230 P P 10 45 49.0 -1.4

NEIC 15 10:40:40.3-1.4, 4.9S:0.1:153.5E:0.1, h35km, 2km, mb4.0/12, Error ellipse: s-maj=22.2km s-min=16.6km az=55.0

IDC 15 10:40:45.8-5.7, 5.00S:153.41E, h98km, 44km, mb3.5/7, mbtmp3.9/8, Error ellipse: s-maj=49.3km s-min=20.4km az=99.0

ISC 15 10:40:38.1-0.8, 4.78S:0.10:153.6E:0.1, h35km, n25, r1505/27, mb3.9/12, New Ireland region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RABL, PMG, PMG, PMG, PMG, CTAO, GUMO, MTN, WB0, ASAR, HFS, PDAR, TXAR.

RABL Rabaul 1.56 292 P P 10 41 04.2 +0.7

PMG Port Moresby 7.88 234 Pn Pn 10 42 28.8 -1.6

PMG Port Moresby 7.88 234 Pn Pn 10 42 33.3 +2.9

PMG Port Moresby 7.88 234 Pn Pn 10 43 59.5 +1.1

CTAO Charters Tower 16.22 205 P P 10 44 32.8 -0.1

GUMO Guam 20.21 335 P P 10 45 17.7 +3.4

MTN Mantion Dam 23.63 249 P P 10 45 45.0 -1.0

WB0 Warramunga Arr 23.90 230 P P 10 45 48.3 -0.8

WB0 Warramunga Arr 23.90 230 P P 10 46 09.2

ASAR Alice Springs 23.92 239 P P 10 45 48.7 -0.5

WR0 Warramunga Arr 23.92 239 P P 10 46 16.0

WB2 Warramunga Arr 24.06 230 P P 10 45 49.0 -1.4

NEIC 15 10:40:40.3-1.4, 4.9S:0.1:153.5E:0.1, h35km, 2km, mb4.0/12, Error ellipse: s-maj=22.2km s-min=16.6km az=55.0

IDC 15 10:40:45.8-5.7, 5.00S:153.41E, h98km, 44km, mb3.5/7, mbtmp3.9/8, Error ellipse: s-maj=49.3km s-min=20.4km az=99.0

ISC 15 10:40:38.1-0.8, 4.78S:0.10:153.6E:0.1, h35km, n25, r1505/27, mb3.9/12, New Ireland region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RABL, PMG, PMG, PMG, PMG, CTAO, GUMO, MTN, WB0, ASAR, HFS, PDAR, TXAR.

RABL Rabaul 1.56 292 P P 10 41 04.2 +0.7

PMG Port Moresby 7.88 234 Pn Pn 10 42 28.8 -1.6

PMG Port Moresby 7.88 234 Pn Pn 10 42 33.3 +2.9

PMG Port Moresby 7.88 234 Pn Pn 10 43 59.5 +1.1

CTAO Charters Tower 16.22 205 P P 10 44 32.8 -0.1

GUMO Guam 20.21 335 P P 10 45 17.7 +3.4

MTN Mantion Dam 23.63 249 P P 10 45 45.0 -1.0

WB0 Warramunga Arr 23.90 230 P P 10 45 48.3 -0.8

WB0 Warramunga Arr 23.90 230 P P 10 46 09.2

ASAR Alice Springs 23.92 239 P P 10 45 48.7 -0.5

P33M	comp=Z,18nm,1.3s Teslin, Yukon	69.40	32	P	P	10 56 39.8	+0.4
Q32M	comp=Z,21nm,1.1s Nakina River	69.71	33	I	Amb	10 57 04.3	
Q32M	comp=Z,22nm,1.4s Nakina River	69.71	33	P	P	10 56 41.9	+0.5
SIMJ	comp=Z,22nm,1.4s Simiganj	69.85	305	P	P	10 56 42.9	+0.2
V35K	comp=Z,16nm,1.0s Ketchikan	70.22	37	P	P	10 56 45.2	+0.8
S34M	comp=Z,27nm,1.1s Telegraph Cree	70.35	34	P	P	10 56 45.5	+0.4
R33M	comp=Z,27nm,1.1s Jennings River	70.36	33	P	P	10 56 45.9	+0.5
KBL	comp=Z,15nm,0.9s Kabul	70.41	301	P	P	10 56 45.8	-0.5
KBL	comp=Z,15nm,0.9s Kabul	70.41	301	P	P	10 56 45.8	-0.5
T35M	comp=Z,15nm,0.9s Bob Quinn	70.88	35	I	Amb	10 56 54.9	
T35M	comp=Z,11nm,0.6s Bob Quinn	70.88	35	P	P	10 56 49.0	+0.5
DLBC	comp=Z,14nm,0.9s Dease Lake	70.90	34	P	P	10 56 48.9	+0.3
DLBC	comp=Z,14nm,0.9s Dease Lake	70.90	34	P	P	10 56 48.9	+0.3
DLBC	comp=Z,160nm,20.4s Dease Lake	70.90	34	P	P	10 56 49.2	+0.6
DLBC	comp=Z,160nm,20.4s Dease Lake	70.90	34	P	P	10 56 49.2	+0.6
U35K	comp=Z,14nm,0.9s Hyder	71.08	36	P	P	10 56 50.4	+0.8
RUBB	comp=Z,22nm,1.0s Prince Rupert	71.08	38	I	Amb	10 56 55.9	
GRNB	comp=Z,18nm,1.1s Grenville Isla	71.30	38	I	Amb	10 57 01.4	
WTLY	comp=Z,20nm,1.2s Watson Lake, Y	71.42	32	I	Amb	10 56 52.4	+0.8
WTLY	comp=Z,20nm,1.2s Watson Lake, Y	71.42	32	P	P	10 56 52.4	+0.8
PPT	comp=Z,570nm,20.6s Papeete2	71.56	116	LR	LR	11 23 09.2	
PPT2	comp=Z,134nm,24.0s Papeete2	71.56	116	eS	S	11 06 17.2	+5.1
PPT2	comp=Z,606nm,21.8s Papeete2	71.56	116	eLR	LR	11 18 26.5	
PPT2	comp=Z,512nm,22.8s Hyland Airport	71.57	30	P	P	10 56 53.3	+0.7
A36M	comp=Z,27nm,1.1s Sachs Harbour	72.08	19	P	P	10 56 55.4	0.0
BBB	comp=Z,428nm,21.0s Bella Bella	72.59	40	LR	LR	11 22 52.1	
C36M	comp=Z,27nm,1.1s Paulatuk	72.67	22	P	P	10 57 00.2	+1.2
LIRD	comp=Z,27nm,1.1s Liard River Hi	72.84	32	P	P	10 57 01.0	+0.8
SVE	comp=Z,27nm,1.1s Sverdlouvs	73.15	325	eP	P	10 57 02.5	+0.5
TOAD	comp=Z,63nm,1.2s Toad River	73.35	33	P	P	10 57 04.2	+0.9
WRGLY	comp=Z,33nm,1.3s Wrigley	73.62	28	I	Amb	10 57 22.9	
WRGLY	comp=Z,33nm,1.3s Wrigley	73.62	28	P	P	10 57 05.7	+1.0
KOTAN	comp=Z,27nm,1.1s Kotaneleele Air	73.78	31	P	P	10 57 06.1	+0.4
TBI	comp=Z,711nm,24.5s Tubuai	74.30	121	eS	S	11 06 42.2	-0.7
TBI	comp=Z,908nm,27.2s Tubuai	74.30	121	eLR	LR	11 19 51.5	
TBI	comp=Z,916nm,30.2s Arti	74.45	325	dP	P	10 57 09.6	-0.1
ARTI	comp=Z,916nm,30.2s Arti	74.45	325	dP	P	10 57 09.6	-0.1
ARTI	comp=Z,916nm,30.2s Arti	74.45	325	dP	P	10 57 09.6	-0.1
ARTI	comp=Z,916nm,30.2s Arti	74.45	325	dP	P	10 57 09.6	-0.1
ARTI	comp=Z,916nm,30.2s Arti	74.45	325	dP	P	10 57 09.6	-0.1
ABKAR	comp=Z,486nm,17.0s Akbulak ar	74.72	317	P	P	10 57 11.3	-0.1
ABKAR	comp=Z,486nm,17.0s Akbulak ar	74.72	317	P	P	10 57 11.3	-0.1
AKTO	comp=Z,17nm,0.9s Aktubinsk	75.73	319	LR	LR	11 32 30.9	
NLWA	comp=Z,654nm,18.5s Neilton Lookou	76.10	44	I	Amb	10 57 25.5	
TAOE	comp=Z,18nm,1.1s Nuku Hiva Isla	76.49	104	eLR	LR	11 20 37.7	
LLLB	comp=Z,23nm,1.0s Lillooet	76.70	41	I	Amb	10 57 29.3	
GNLW	comp=Z,23nm,1.0s Green Mountain	76.75	44	I	Amb	10 57 29.0	
J01E	comp=Z,19nm,0.9s Myrtle Point	76.95	49	I	Amb	10 57 30.0	
KRPM	comp=Z,25nm,1.0s Rodgers	77.33	51	I	Amb	10 57 32.7	
F04A	comp=Z,22nm,0.9s Amboy	77.38	46	I	Amb	10 57 32.6	
KHMM	comp=Z,26nm,1.1s Horse Mountain	77.61	51	I	Amb	10 57 37.4	
YKA	comp=Z,26nm,1.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,26nm,1.1s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	11 31 07.4	
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28	P	P	10 57 29.8	+1.5
YKA	comp=Z,4.2nm,0.8s Yellowknife Ar	77.75	28	P	P	10 57 27.8	-0.5
YKA	comp=Z,313nm,20.1s Yellowknife Ar	77.75	28				

Table of meteorological data for station 1045, including columns for station ID, name, elevation, and various atmospheric measurements like temperature, pressure, and wind speed.

Table of meteorological data for station 2018 SEP, including columns for station ID, name, elevation, and various atmospheric measurements.

Table of meteorological data for station 15d 13h, including columns for station ID, name, elevation, and various atmospheric measurements.

15d 13h

Table with columns for station name, coordinates, and various parameters. Includes stations like NAKATSU, YHNB, JYRO, etc.

BJJ 15 13:53:35.6, 0.0, 26.69N, 129.76E, h10km, mb4.6/69, mB5.0/38, Ms5.0/65, Ms7.4/9.62, ...

2018 SEP

Main table with columns: Code, Station Name, Az, ZD, Op, Phase, ISC, Time, Res, Res ISC. Lists stations like YJRO, JOKE, JTK, etc.

1046

Table with columns for station name, coordinates, and various parameters. Includes stations like TIA, MSHR, SNY, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BTO, KLR, YSS, GRNR, and PHRA.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CHTO, CMAR, FAKI, PETK, MA2, and ZSN.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like SATY, TDK, TDK, TARG, FITZ, and ASAR.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like J30M Hart River, INK Inuvik, INK Inuvik, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BR104 Keskin Array S, BR105 Keskin Array S, NNDU Novodistrovsk, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like SCHQ Schefferville, SCHO Scheferville, YBHA Yreka Blue Hor, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like NJ2, PZH PanZhiHua, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, KVN Kaiserville, NVAR Mina Array Bea, etc.

15d 15h

Table with columns: Code, Station Name, Azimuth, Phase, Time, Residual. Includes stations like QSPA, MAW, MKAR, KURBB, FINES, MMAI, NOA, HFS, BRTR, AKASO, TORO, etc.

Station data and moment tensor solutions for various stations. Includes parameters like M, N, P, and axes. Example: BJI 15 15:37:55.2, 0.0, 26.67N, 129.84E, h9km, mb4.8/74, mB5.1/44, Ms5.3/80, Ms7.5/177...

Table with columns: Code, Station Name, Azimuth, Phase, Time, Residual. Lists stations from YORO to TATO.

2018 SEP

Table with columns: Station Name, Azimuth, Phase, Time, Residual. Lists stations from TATO to KMI.

1052

Table with columns: Station Name, Azimuth, Phase, Time, Residual. Lists stations from MDJ to KMI.

15d 15h

F14K	Arctic Creek	55.28	27	P	P	15 47 34.7 +2.1
K13K	Kusilvak Mount	55.41	32	P	IAmb	15 47 34.7 +1.3
K13K	Kusilvak Mount	55.41	32	P	P	15 47 33.0 -0.6
EIDS	Eidsvoid	55.73	156	P	IAmb	15 47 36.4 +0.1
EIDS	Eidsvoid	55.73	156	P	P	15 47 37.5 +1.2
M13K	Dall Lake	55.85	34	P	P	15 47 35.8 -1.0
F15K	North Star Dit	56.01	27	P	IAmb	15 47 51.8
F15K	North Star Dit	56.01	27	P	P	15 47 36.6 -1.3
J14K	Nanvaranak Lak	56.02	31	P	IAmb	15 47 36.8 -1.2
J14K	Nanvaranak Lak	56.02	31	P	P	15 47 37.4 -0.6
G15K	Niukluk	56.14	28	P	P	15 47 37.8 -1.0
VLAKA	Lakataq	56.18	135	P	P	15 47 41.1 +1.5
S12K	Black Hills	56.25	39	P	IAmb	15 47 39.1 -0.6
S12K	Black Hills	56.25	39	P	P	15 47 37.9 -1.9
C16K	Lisburne Hills	56.27	24	P	IAmb	15 47 39.1 -0.5
C16K	Lisburne Hills	56.27	24	P	P	15 47 52.3
C16K	Lisburne Hills	56.27	24	P	P	15 47 38.4 -1.3
L14K	Kuka Creek	56.27	32	P	P	15 47 36.5 -3.2
M14K	Bethel	56.57	33	P	P	15 47 39.4 -2.5
N14K	Kuskokwak Cree	56.64	34	P	P	15 47 41.4 -1.0
SVE	Sverdlouvs	56.68	322	eP	pmax	15 47 45.3 +2.5
SVE	Sverdlouvs	56.68	322	eP	pmax	15 47 45.3 +2.5
SVE	Sverdlouvs	56.68	322	eP	MLR	15 47 45.3 +2.5
MULG	Mulgathing	56.80	175	P	P	15 47 44.6 +0.7
O14K	Tiguykuivett M	56.82	35	P	P	15 47 41.9 -1.8
H16K	Elim	56.85	29	P	P	15 47 41.8 -2.1
L15K	Ungalak Mounta	56.87	32	P	P	15 47 43.4 -0.6
G16K	Koyuk River	56.91	28	P	P	15 47 41.8 -2.4
K15K	Wolf Creek Mou	56.91	31	P	P	15 47 41.4 -2.9
MORW	Morawa	56.95	194	P	IAmb	15 47 44.1 -0.9
MORW	Morawa	56.95	194	P	P	15 47 46.2
MORW	Morawa	56.95	194	P	P	15 47 45.9 +0.9
D17K	Noatak River	56.98	25	P	P	15 47 44.2 -0.6
C17K	DeLong Mountai	57.09	24	P	P	15 47 46.5 +0.9
HMDM	Haniimaadhoo	57.10	260	P	P	15 47 46.6 +0.3
RDOG	Red Dog Mine	57.11	24	P	P	15 47 46.2 +0.5
SDPT	Sand Point	57.15	40	P	P	15 47 45.7 -0.3
FORT	Forrest	57.16	182	P	P	15 47 46.1 -0.3
FORT	Forrest	57.16	182	P	P	15 47 47.9 +1.2
M15K	Kasigluk River	57.19	33	P	P	15 47 47.1 +0.8
ABKAR	Akbulak array	57.26	313	P	P	15 47 46.1 -1.0
ABKAR	Akbulak array	57.26	313	P	IAmb	15 47 46.2 -0.8
ABKAR	Akbulak array	57.26	313	P	IAmb	15 47 51.3
E17K	Hoatham Inlet	57.36	26	P	P	15 47 47.8 +0.4
LCRK	Leigh Creek	57.40	171	P	P	15 47 49.4 +1.3
J16K	Anvik River	57.42	30	P	P	15 47 47.9 0.0
I17K	Unalakleet	57.44	29	P	P	15 47 48.9 +0.9
N15K	Kwethluk River	57.45	34	P	P	15 47 47.9 -0.3
F17K	Baldwin Pennin	57.50	26	P	P	15 47 48.2 -0.2
O15K	Ungalikthiout R	57.55	35	P	P	15 47 49.6 +0.7
G17K	Kiwaliq Mounta	57.62	28	P	P	15 47 51.1 +1.8
HRA	Herat	57.63	295	P	IAmb	15 47 48.5 -1.6
HRA	Herat	57.63	295	P	IAmb	15 48 18.3
CHNA	Chernabura Isl	57.66	40	P	P	15 47 51.9 +2.1
S14K	Fog Glacier	57.66	39	P	P	15 47 50.5 +0.6
KOUNC	Koumac, New Ca	57.73	141	P	P	15 47 48.8 -1.8
KOUNC	Koumac, New Ca	57.73	141	P	P	15 47 53.2 +2.6
B18K	Kokolik River	57.74	23	P	P	15 47 50.3 +0.2
L16K	Owhat River	57.83	32	P	P	15 47 49.0 -1.8
C18K	Utukok River	57.84	24	P	P	15 47 49.1 -1.8
H17K	Granite Mounta	57.88	28	P	P	15 47 51.2 +0.1
E18K	Tukpahlearik C	57.88	25	P	P	15 47 52.4 +1.3
ARTI	Arti	57.92	322c	P	P	15 47 51.0 -0.5
ARTI	Arti	57.92	322c	P	S	15 50 40.2
ARTI	Arti	57.92	322c	P	S	15 55 53.2 +2.4
M16K	Timber Creek	58.05	33	P	P	15 47 54.3 +1.9
J17K	VABM Dome	58.12	30	P	IAmb	15 47 53.1 +0.3
J17K	VABM Dome	58.12	30	P	P	15 48 06.7
J17K	VABM Dome	58.12	30	P	P	15 47 51.0 -1.8
N16K	Nishilik Lake	58.12	34	P	P	15 47 53.7 +0.8
A19K	Wainwright	58.14	22	P	P	15 47 53.4 +0.6
F18K	Selawik	58.15	26	P	P	15 47 54.6 +1.7
KMBL	Kambalda	58.20	188	P	P	15 47 54.5 +0.8
AUWSH	Waveli State H	58.29	155	P	P	15 47 55.8 +1.4
CHGN	Chignik	58.30	39	P	IAmb	15 47 53.8 -0.4
CHGN	Chignik	58.30	39	P	P	15 48 06.0
CHGN	Chignik	58.30	39	P	P	15 47 54.9 +0.8
BLDU	Ballidu	58.31	193	P	P	15 47 55.2 +0.7
L17K	Donlin	58.41	32	P	P	15 47 56.8 +1.9
K17K	Iditarod	58.43	31	P	P	15 47 54.7 -0.3
O16K	Kokwok River B	58.45	35	P	P	15 47 55.6 +0.4
C19K	Lookout Ridge	58.48	23	P	P	15 47 55.8 +0.5
G18K	Tagagawik	58.49	27	P	P	15 47 55.5 +0.1
P16K	Nushagak River	58.50	35	P	P	15 47 55.5 +0.1
AULRC	Lightning Ridg	58.50	161	P	P	15 47 56.9 +1.1
H18K	Honhosa River	58.55	28	P	P	15 47 57.4 +1.6
R16K	Pilot Point	58.73	37	P	P	15 47 56.8 -0.3
M17K	Holitra River	58.80	33	P	P	15 47 56.5 -1.1
N17K	Nushagak Hills	58.91	34	P	P	15 47 59.5 +1.2
F19K	Shaleruckik Mo	58.92	26	P	P	15 47 59.6 +1.3
D19K	Kuna River	58.94	24	P	P	15 47 58.6 +0.1
O17K	Kolliganek Bris	58.95	34	P	P	15 47 59.8 +1.2

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KLBR	Kellerberrin	59.05	192	P	P	15 48 00.6 +0.9
G19K	Purcell Mounta	59.14	27	P	P	15 48 00.4 +0.5
GCSA	Galen City Sc	59.16	29	P	P	15 48 00.5 +0.5
L18K	Granite Mounta	59.16	32	P	P	15 48 00.9 +0.8
E19K	Redstone River	59.18	25	P	P	15 48 01.8 +1.6
J18K	Innoko River	59.18	30	P	P	15 48 00.7 +0.4
P17K	Kvichak River	59.30	35	P	P	15 48 02.9 +1.9
STKA	Stephens Creek	59.34	168	P	P	15 48 01.8 +0.2
STKA	Stephens Creek	59.34	168	P	P	15 48 03.0 +1.4
STKA	Stephens Creek	59.34	168	P	P	15 48 02.1 +0.5
STKA	Stephens Creek	59.34	168	P	P	15 48 01.8 +0.2
STKA	Stephens Creek	59.34	168	P	pmax	15 48 01.8 +0.2
H19K	Roundabout Mou	59.37	28	P	P	15 48 02.3 +0.9
B20K	Meade River	59.44	22	P	P	15 48 00.9 -0.9
D20K	Etluk River	59.51	24	P	P	15 48 01.1 -1.4
N18K	Kilae Creek	59.55	33	P	P	15 48 03.6 +0.7
M18K	Stony River	59.57	32	P	P	15 48 01.9 -1.1
Q17K	Contact Creek	59.61	36	P	P	15 48 01.8 -1.6
E20K	Nigu River	59.63	25	P	P	15 48 03.8 +0.4
J19K	Poomran	59.68	30	P	P	15 48 04.8 +1.2
F20K	Avaraart Lake	59.74	26	P	P	15 48 04.5 +0.5
A21K	Barrow	59.76	21	P	P	15 48 05.0 +1.0
CMSA	Cobar Meteorol	59.89	164	P	P	15 48 07.2 +1.8
H20K	Anotlenege Mo	59.82	28	P	P	15 48 06.1 +0.1
L19K	White Mountain	60.02	32	P	P	15 48 06.8 +0.7
Q18K	Katmai Hardscr	60.05	36	P	P	15 48 05.9 -0.5
DZM	Mont Dzumac	60.15	140	P	IAmb	15 48 06.6 -0.9
DZM	Mont Dzumac	60.15	140	P	IAmb	15 48 14.7
DZM	Mont Dzumac	60.15	140	P	P	15 48 09.7 +2.2
DZM	Mont Dzumac	60.15	140	P	P	15 48 08.6 +1.0
I20K	Naaghedeneel	60.19	29	P	P	15 48 07.6 +0.5
C21K	Knifblade Rid	60.20	24	P	P	15 48 07.7 +0.5
N19K	Bonanza Creek	60.23	33	P	P	15 48 04.2 -3.5
M19K	Big River Lodge	60.25	32	P	P	15 48 04.6 -3.0
A22K	Sinclair Lake	60.26	21	P	P	15 48 10.7 +3.2
B21K	Ikpikpuk River	60.29	23	P	P	15 48 09.4 +1.7
J20K	Nowita River	60.33	29	P	P	15 48 09.7 +1.6
K20K	Telida	60.37	30	P	P	15 48 09.6 +1.1
R18K	Katuk	60.41	37	P	P	15 48 09.9 +1.1
HTT	Hallett	60.43	171	P	P	15 48 11.0 +1.8
NWAO	Narrogin (SRO)	60.45	192	P	IAmb	15 48 08.6 -0.7
NWAO	Narrogin (SRO)	60.45	192	P	IAmb	15 48 10.7
NWAO	Narrogin (SRO)	60.45	192	P	P	15 48 10.5 +1.3
NWAO	Narrogin (SRO)	60.45	192	P	pmax	15 48 08.6 -0.7
NWAO	Narrogin (SRO)	60.45	192	P	pmax	15 48 10.2 +1.2
E21K	Kiik River	60.46	24	P	P	15 48 10.3 +1.1
L20K	Farewell, AK	60.47	31	P	P	15 48 10.2 +1.1
G21K	Allakaket	60.60	27	P	P	15 48 10.0 +0.1
F21K	Alatna River	60.62	26	P	P	15 48 10.1 +0.1
SII	Sitkinak Islan	60.63	38	P	P	15 48 10.2 -0.1
B22K	Teshkepuk Lake	60.74	22	P	P	15 48 11.7 +0.9
Q19K	Cape Douglas,	60.75	35	P	P	15 48 12.9 +1.8
M20K	Styx River	60.84	32	P	P	15 48 09.8 -2.0
H21K	Melozitna Rive	60.89	28	P	P	15 48 12.7 +0.8
P19K	Oil Pt	60.91	35	P	P	15 48 10.7 -1.5
D22K	Ayikyak River	60.95	24	P	P	15 48 10.1 -2.2
OHAK	Old Harbor	61.07	37	P	P	15 48 11.0 -2.2
F22K	John River	61.12	25	P	P	15 48 12.5 -1.1
CHUM	Lake Minchumin	61.14	30	P	P	15 48 12.6 -1.1
O20K	Slope Mountain	61.19	34	P	P	15 48 14.8 +0.6
PPLA	Purkeypile	61.24	31	P	P	15 48 13.2 -1.3
E22K	Anaktuvuk Pass	61.26	25	P	P	15 48 12.3 -2.2
AUODS	Dubbo College	61.32	162	P	P	15 48 17.5 +2.3
SPCR	Spurr Chakacha	61.32	33	P	P	15 48 14.2 -0.8
N20K	Mount Spurr	61.32	33	P	P	15 48 14.5 -0.5
G22K	Bettles	61.39	26	P	P	15 48 13.9 -1.4
KDAK	Kodiak Island	61.40	37	P	P	15 48 15.8 +0.4
Q20K	Shuyak Island	61.42	36	P	P	15 48 17.1 +1.5
H22K	Ishaitna Cre	61.47				

CTG	baz=283 China Glacier	66.58	32	P	P	15 48 52.0	+2.4
G29M	baz=283 Pine Creek	66.66	25	P	P	15 48 51.8	+1.8
H29M	baz=283,SNR=5.9 Whitestone	66.68	26	P	P	15 48 51.9	+1.8
DAWY	baz=283 Dawson	66.76	29	P	P	15 48 51.7	+1.0
YUK3	baz=283 Moose Creek	66.81	31	P	P	15 48 51.3	0.0
MAK	baz=283 Makhachkala	66.85	308	eP	PPP	15 48 46.8	-4.7
MAK	baz=283 MAK			ePPP	PPP	15 52 52.0	
MAK	baz=283 MAK			eSS	SS	15 57 37.4	-6.2
MAK	baz=283 MAK			pmx	pmx	16 01 58.0	-3.4
UMZA	comp=Z,241nm,1.2s Um Al Zommool	66.89	285	P	P	15 48 52.5	+0.4
J29N	baz=284 Klondike Camp	67.16	28	P	P	15 48 53.1	-0.1
O28M	baz=284 Mount Upton	67.17	32	P	P	15 48 53.2	-0.4
YUK8	baz=284 Steele Glacier	67.25	32	P	P	15 48 54.0	0.0
EPYK	baz=285,SNR=5.4 Eagle Plains	67.30	26	P	P	15 48 55.4	+1.4
P1NM	baz=285 Pinnacle	67.31	33	P	P	15 48 55.0	-3.9
G30M	baz=285,SNR=5.6 I'oh Zraii Nji	67.33	25	P	P	15 48 52.3	-1.9
F30M	baz=285,SNR=5.6 Barrier River	67.33	24	P	P	15 48 51.2	-3.0
LVZ	baz=285 Lovozero	67.42	336	P	P	15 48 56.7	+1.9
L29M	comp=Z,30nm,1.0s L29M	67.54	29	P	P	15 48 53.2	-2.4
M29M	baz=285 Somme Creek	67.56	30	P	P	15 48 54.5	-1.3
K29M	baz=285 Barlow Dome	67.61	29	P	P	15 48 55.6	-0.6
MZWR	baz=285 Macinat Zayed	67.64	286	P	P	15 48 58.2	+1.4
I30M	baz=285 Mount Dempster	67.73	27	P	P	15 48 55.9	-1.0
YUK4	baz=285 Talbot Arm	67.75	31	P	P	15 48 55.5	-1.7
P1NL	baz=285 Peninsula	67.83	33	P	P	15 48 56.6	-0.9
J30M	baz=286 Hart River	67.92	28	P	P	15 48 55.3	-2.8
APA	baz=286 Apatity	67.96	336	iP	P	15 48 58.0	-0.1
APA	comp=Z,14nm,0.7s APA			i	pmx	15 49 11.5	
APA	comp=Z,14nm,0.7s APA				MLR	MLR	
INK	comp=Z,11um,19.0s Inuvik	67.97	23	P	P	15 48 57.0	-1.1
YUK6	baz=287 Outpost Mounta	67.99	32	P	P	15 48 58.0	-0.8
O29M	baz=285 Mount Kennedy	68.06	32	P	P	15 48 57.7	-1.4
G31M	baz=285 Satah River	68.09	25	P	P	15 48 58.9	0.0
JRN	baz=286 Qarnain Island	68.11	288	P	P	15 49 00.9	+1.1
F31M	SNR=8.4 Tsighechic	68.14	24	P	P	15 48 60.0	+0.8
MZR	SNR=8.4 Muzera	68.24	286	P	P	15 49 01.6	+0.9
M30M	SNR=8.4 Minto, Yukon	68.27	30	P	P	15 48 59.3	-0.9
H31M	SNR=8.4 Peel River	68.38	26	P	P	15 49 00.8	-0.1
GHWR	SNR=8.4 Ruwaits	68.43	287	P	P	15 49 01.0	-0.8
HYT	SNR=8.4 Haines Junctio	68.43	32	P	P	15 49 01.9	+0.5
VRH	SNR=8.4 Novokhoporsky	68.43	317	eP	pmx	15 49 00.8	-0.6
VRH	comp=Z,30nm,0.7s VRH				MLR	MLR	
N30M	comp=Z,21um,21.0s Aishikik Lake	68.45	31	P	P	15 49 00.1	-1.3
P29M	baz=286 Windy Craggy	68.65	33	P	P	15 49 01.4	-1.3
P30M	baz=287 Million Dollar	68.89	32	P	P	15 49 03.6	-0.6
N31M	baz=287 Braeburn, Yuko	69.04	31	P	P	15 49 06.0	+1.0
O30N	baz=287 Mendenhall	69.11	32	P	P	15 49 06.1	+0.6
DOK	baz=288 Doka	69.27	281	P	P	15 49 07.7	+0.5
GOF	baz=288 Gofitskoye	69.35	311	eP	PPP	15 49 08.0	+0.8
PLCB	baz=288 Pleasant Camp	69.37	33	P	P	15 49 08.5	+1.4
A36M	baz=288 Sachs Harbour	69.39	19	P	P	15 49 07.7	+0.8
SLWR	baz=288 Slate	69.40	287	P	P	15 49 09.4	+1.5
M31M	baz=288 Drury Creek, Y	69.45	30	P	P	15 49 07.8	+0.2
KEV	baz=288 Kevo	69.47	339	P	P	15 49 07.4	-0.1
KEV	comp=Z,36nm,1.1s KEV			Iamb	Iamb	15 49 35.6	
KEV	comp=Z,36nm,1.1s KEV			pmx	pmx	15 49 07.4	-0.1
MOS	comp=Z,36nm,1.1s Moscow	69.48	323	eP	M	15 49 08.3	+0.5
MOS	comp=Z,36nm,1.1s MOS			e	M	15 49 31.9	
MOS	comp=Z,36nm,1.1s MOS			eS	S	15 51 43.3	
MOS	comp=Z,36nm,1.1s MOS			pmx	pmx	15 58 12.7	-1.8
MOS	comp=E,28nm,0.6s MOS			pmx	pmx		
MOS	comp=Z,53nm,0.9s MOS			pmx	pmx		
MOS	comp=N,31nm,0.7s MOS			MLR	MLR		
TRNA	baz=289 Turayna	69.58	288	P	P	15 49 09.7	+0.7
RBK	baz=289 Rabkut	69.63	280	P	P	15 49 10.2	+0.8
GNI	baz=289 Garni	69.65	305	iP	pmx	15 49 10.9	+1.5
GNI	comp=Z,44nm,0.9s GNI			pmx	pmx		
GNI	comp=Z,52nm,0.9s,comp=Z,498nm GNI	69.65	305	P	P	15 49 11.4	+2.0
LPSR	comp=Z,43nm,1.0s Galich'ya Gora	69.69	319	eP	P	15 49 07.8	-1.3
LPSR	comp=Z,40nm,1.0s LPSR			pmx	pmx		
LPSR	comp=Z,40nm,1.0s LPSR			MLR	MLR		
WHY	comp=Z,21um,18.0s Whitehorse	69.71	32	P	P	15 49 10.9	+1.6
SAKB	baz=289 Bahrain	69.71	290	P	P	15 49 10.7	+1.0
VORR	baz=289 Voronezh	69.80	318	eP	pmx	15 49 09.3	-0.6
VORR	comp=Z,50nm,0.5s VORR			pmx	pmx		
VORR	comp=Z,21um,14.0s VORR			MLR	MLR		
KBZ	comp=Z,21um,14.0s Khabaz	69.85	310	P	P	15 49 11.2	+0.9
WHFO	comp=Z,34nm,0.8s,comp=Z,34nm,0.8s,SNR=35 Wadi Hawf	69.85	280	P	P	15 49 11.4	+0.6
SKAG	comp=Z,34nm,0.8s Skagway	69.87	33	P	P	15 49 10.1	-0.1
S31K	baz=288 Pelican	69.90	34	P	P	15 49 12.1	+1.8
SMRA	SNR=6.6 Abu-Samra	69.90	288	P	P	15 49 12.2	+1.3
KIV	SNR=6.6 Kislovodsk	69.93	310	P	P	15 49 10.6	-0.3
KIV	SNR=6.6 Kislovodsk	69.93	310	P	P	15 49 12.5	+1.7
KIV	SNR=6.6 Kislovodsk	69.93	310	eP	S	15 49 12.2	+1.3
KIV	SNR=6.6 Kislovodsk			eS	S	15 58 22.9	+2.5
KIV	comp=Z,57nm,1.1s KIV			pmx	pmx		
KIV	comp=Z,18nm,2.3s KIV			pmx	pmx		
KIV	comp=Z,18nm,2.3s KIV			MLR	MLR		
KIV	comp=Z,406nm,17.0s Kislovodsk	69.93	310	P	P	15 49 12.4	+1.5
VSR	comp=Z,39nm,0.9s,comp=Z,399nm Storozhevo	69.97	318	eP	pmx	15 49 10.5	-0.4
VSR	comp=Z,30nm,1.0s VSR			pmx	pmx		
VSR	comp=Z,30nm,1.0s VSR			MLR	MLR		
ARA0	comp=Z,21um,16.0s ARCESS Array S	70.04	339	eP	P	15 49 11.8	+0.8
ARCES	comp=Z,21um,16.0s ARCESS Array B	70.04	339	P	P	15 49 11.5	+0.4
ARCES	comp=Z,21um,16.0s ARCES			Iamb	Iamb	15 49 39.2	

ARCES	comp=Z,30nm,1.2s ARCESS Array B	70.04	339	P	P	15 49 11.0	-0.1
ARCES	comp=Z,2.5nm,0.6s,comp=Z,2.5nm,0.6s,SNR=13 ARCES Array B	70.04	339	P	P	15 49 11.5	+0.4
ARCES	comp=Z,31nm,1.2s ARCES			pmx	pmx		
HAMP	comp=Z,31nm,1.2s Hammerfest	70.18	340	eP	P	15 49 12.4	+0.6
OBN	comp=Z,53nm,0.8s Obninsk	70.24	322	iP	SP	15 49 12.9	+0.4
OBN	comp=Z,53nm,0.8s OBN			e	SP	15 49 18.3	+0.5
OBN	comp=Z,53nm,0.8s OBN			ePPP	PPP	15 49 34.9	
OBN	comp=Z,53nm,0.8s OBN			pmx	pmx	15 53 26.9	
OBN	comp=Z,21um,16.0s OBN			MLR	MLR		
OBN	comp=Z,73nm,1.8s Obninsk	70.24	322	P	P	15 49 14.3	+1.8
N32M	comp=Z,73nm,1.8s Quiet Lake	70.38	31	P	P	15 49 15.0	+1.7
ABTO	comp=Z,70nm,0.8s Aybut	70.48	280	P	P	15 49 14.4	-0.3
P32M	comp=Z,70nm,0.8s Atin	70.61	32	P	P	15 49 15.3	+0.5
SIT	comp=Z,70nm,0.8s SIT	70.65	35	P	P	15 49 14.1	-0.8
R32K	comp=Z,70nm,0.8s Eaglecrest	70.66	34	P	P	15 49 14.9	-0.1
C36M	comp=Z,70nm,0.8s Paulatuk	70.81	21	P	P	15 49 16.1	+0.4
P33M	comp=Z,70nm,0.8s Teslin, Yukon	70.82	32	P	P	15 49 14.7	-1.4
S32K	comp=Z,70nm,0.8s Killisnoe	70.90	35	P	P	15 49 15.9	-0.5
KTK1	comp=Z,71nm,0.6s Kautokaino	71.00	339	eP	P	15 49 17.9	+1.1
BCA	comp=Z,71nm,0.6s Borcka	71.47	308	iP	P	15 49 22.4	+2.1
Q32M	comp=Z,71nm,0.6s Nakina River	71.53	33	P	P	15 49 19.0	-1.5
JETT	comp=Z,71nm,0.6s Jettan, Norway	71.66	340	eP	P	15 49 21.0	+0.1
VSLR	comp=Z,71nm,0.6s Vesolye	71.91	310	iP	pmx	15 49 24.8	+1.9
VSLR	comp=Z,54nm,1.0s VSLR			pmx	pmx		
R33M	comp=Z,71nm,0.6s Jennings River	71.99	32	P	P	15 49 21.8	-1.4
SOC	comp=Z,71nm,0.6s Sochi	72.08	310	eP	P	15 49 22.5	-1.4
SOC	comp=Z,71nm,0.6s SOC			e	PPP	15 52 00.5	
SOC	comp=Z,71nm,0.6s SOC			ePPP	PPP	15 53 42.4	
SOC	comp=Z,71nm,0.6s SOC			eSS	SS	15 58 40.0	+0.8
SOC	comp=Z,71nm,0.6s SOC			eSS	SS	16 03 20.2	-1.7
U33K	comp=Z,879nm,20.0s Whale Pass	72.12	36	P	P	15 49 21.5	-2.4
CRAG	comp=Z,879nm,20.0s Craig	72.36	36	P	P	15 49 25.5	+0.2
S34M	comp=Z,879nm,20.0s Telegraph Cree	72.47	34	P	P	15 49 26.1	+0.2
DLBC	comp=Z,879nm,20.0s Dease Lake	72.81	33	P	P	15 49 25.5	-2.5
FIA1	comp=Z,879nm,20.0s FINES Array S	73.09	331	P	P	15 49 29.1	-0.4
FINES	comp=Z,879nm,20.0s FINES Array B	73.09	331	P	P	15 49 29.5	0.0
FINES	comp=Z,879nm,20.0s FINES Array B	73.09	331	P	P	15 49 29.6	+0.1
V35K	comp=Z,879nm,20.0s Ketchikan	73.21	36	P	P	15 49 29.4	-0.9
T35M	comp=Z,879nm,20.0s Bob Quinn	73.27	34	P	P	15 49 29.7	-1.0
WRGLY	comp=Z,879nm,20.0s Wrigley	73.71	27	P	P	15 49 33.4	+0.3
ARBE	comp=Z,879nm,20.0s Arbavara	73.98	329	eP	P	15 49 36.7	+1.9
VSU	comp=Z,879nm,20.0s Vasula	74.04	328	iP	pmx	15 49 37.3	+2.1
STEI							

15d 15h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Dobruska-Polom, Chvalce, Upec, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like Wattenberg, Moosalm, SQTa, etc.

JMA 15 15:39:38.3 0.4, 37°6N, 0°9.142E, h0km, MV1.1/6, E OFF FUKUSHIMA PREF, Near east coast of eastern Honshu

Table with columns for Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Marumori, Ouri.

IDC 15 15:40:12.3±1.6, 49°91N; 156°23E, h26km, 9km, mb5.1/30, mbtm5.2/38, MLS.1/7, MS.4/745, Error ellipse: s-maj=8.7km s-min=7.5km az=118.0

KRSC 15 15:40:12.2±2.6, 49°69N; 156°34E, h68km±17km, Mc5.2, M16.1, Felt [IV] at Severo-Kuril'sk; [III-IV] at Paujetka, Zaporozyhe; [III] at cape Vasilyev; [II] at cape Lopatka, Petropavlovsk.

BUI 15 15:40:13.0±0.0, 49°90N; 156°44E, h64km, mb5.1/55, mb5.2/23, MS5.3/27, M6.7±0.22

MOS 15 15:40:14.1±1.0, 49°76N; 156°28E, h63km, mb5.6/50, MS5.0/21, Error ellipse: s-maj=5.8km s-min=2.6km az=80.6

MOS Felt (III) at Severo-Kuril'sk. NEIC 15 15:40:15.1±1.3, 49°85N; 0°08:156°2E±0.1, h49km, 4km, mb5.4/688, Mww5.4/17, Error ellipse: s-maj=12.9km s-min=9.2km az=136.0

NEIC 15 15:40:15.5, 49°85N; 156°19E, h50km NEIC 15 15:40:15.5, 49°85N; 156°19E, h50km, Moment Tensor Solution. Duration: 292 Moment tensor: Scale 10^17Nm; Mn:1.23, M0:0.11, M1:1.12, M2:0.13, M3:0.64, M4:0.20

Fault plane solution: M1:35000x10^17, NP:15±27, 19000°, 85.0, 11000°, 1.91.85000°; NP2:320±31000°, 33.93000°, 1.87.79000°; Principal axes: T 1.2504, P1g5.0000°, Azm312.0000°; N 0.1976, P1g1.0000°, Azm206.0000°; -1.4480, P1g5.0000°, Azm116.0000°

GCMT 15 15:40:16.1±0.1, 49°72N; 0°01:156°66E±0.1, h41km, MW5.4/131, Moment Tensor Solution. s111,c209; s131,c260; Duration: 152 Moment tensor: Scale 10^17 Nm; Mn:1.41±0.03; M0:0.41±0.02; M1:0.99±0.02; M2:0.34±0.02; M3:0.69±0.01; M4:0.57±0.02; Best double couple: Mo:1.57600x10^17 NP1:32±25.0000°, 85.7.00000°, 1.89.00000°; NP2:32±25.0000°, 83.3.00000°, 7.92.00000°

Principal axes: T 1.5560, P1g7.0000°, Azm298.0000°; N 0.0430, P1g1.0000°, Azm33.0000°; P 1.5950, P1g12.0000°, Azm123.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 15 15:40:15.4±0.3, 49°80N; 0°03:156°30E±0.03, h55km±2km, h54km; p-P, n1445, s129/1254, mb5.3/464, MS4.9/57, 66C-45D, Kuril Islands

Table with columns for Code, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Severo-Kuril's, Khodutka, Kamc, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like PETK, MOTA, SQTa, etc.

15d 15h

Table with columns for station ID, name, and various numerical data points. Includes stations like CHUM Lake Minchumin, PPLA Purkeypile, N20K Mount Spurr, etc.

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Table with columns for station ID, name, and various numerical data points. Includes stations like C24K Franklin Bluff, F24K Squaw Lake, WAT6 Susana Watana, etc.

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Table with columns for station ID, name, and various numerical data points. Includes stations like H27K Steamboat Moun, I27K Kandik River, TGL Tana Glacier, etc.

LZH				sP	sP	15 48 09.8 +4.9
LZH				pMx	pMx	
P33M	comp=Z,21nm,1.5s			P	P	
P33M	Teslin, Yukon	40.02	47	I	I	15 47 45.7 +1.1
P33M	comp=Z,67nm,1.0s			Amb	Amb	15 47 47.6
P33M	Teslin, Yukon	40.02	47	P	P	15 47 46.5 +1.9
S32K	Killisono	40.04	52	P	P	15 47 46.8 +2.1
A36M	Sachs Harbour	40.17	28	P	P	15 47 46.7 +1.1
A36M	Sachs Harbour	40.17	28	P	P	15 47 47.2 +1.6
GTA	Gaotai	40.64	277	eP	eP	15 47 49.4 -0.7
GTA	comp=Z,17nm,1.5s			pMx	pMx	
Q32M	Nakina River	40.68	49	I	I	15 47 54.1
Q32M	comp=Z,91nm,1.6s			Amb	Amb	
Q32M	Nakina River	40.68	49	P	P	15 47 52.6 +2.4
T33K	Petersburg	41.10	52	P	P	15 47 55.5 +2.1
T33K	comp=Z,290,SNR=16			P	P	
C36M	Paulatuk	41.11	32	P	P	15 47 54.1 +0.8
C36M	comp=Z,290			P	P	15 47 54.6 +1.3
R33M	Jennings River	41.17	48	P	P	15 47 55.4 +1.3
R33M	comp=Z,62nm,0.8s			Amb	Amb	15 47 57.7
R33M	Jennings River	41.17	48	P	P	15 47 55.5 +2.3
U33K	Whale Pass	41.27	53	P	P	15 47 56.9 +2.1
CRAQ	Craig	41.52	54	P	P	15 47 59.3 +2.5
S34M	Telegraph Cree	41.61	50	P	P	15 48 00.1 +2.4
WTGN	Hyland Airport	41.70	44	P	P	15 48 00.3 +1.9
WTGN	comp=Z,290,SNR=23			P	P	
WTLY	Watson Lake, Y	41.95	46	I	I	15 48 02.3 +1.9
WTLY	comp=Z,50nm,0.8s			Amb	Amb	
DLBC	Dease Lake	41.96	49	P	P	15 48 02.8 +2.2
DLBC	comp=Z,291,SNR=18			LR	LR	16 07 39.6
DLBC	Dease Lake	41.96	49	P	P	15 48 03.2 +2.6
DLBC	comp=Z,800nm,19.5s,baz=306,slow=39			P	P	
V35K	Ketchikan	42.36	54	P	P	15 48 06.0 +2.3
T35M	Bob Quinn	42.41	51	I	I	15 48 08.4
T35M	comp=Z,36nm,1.4s			Amb	Amb	
T35M	Bob Quinn	42.41	51	P	P	15 48 06.9 +2.7
ZAAO	Zalesovo Array	42.61	304	P	P	15 48 04.1 -1.7
ZAAO	comp=Z,293,SNR=22			P	P	15 48 04.9 -0.9
ZALV	Zalesovo Beam	42.61	304	P	P	15 48 04.9 -0.9
ZALV	comp=Z,19nm,0.4s,baz=57,slow=6.9,SNR=32			P	P	
ZALV	comp=Z,20nm,0.9s,baz=112,slow=1.6,SNR=12			P	P	15 49 56.7 -0.3
ZALV	comp=Z,13nm,0.4s			ScP	ScP	15 53 46.5 +3.5
U35K	Hyder	42.95	52	P	P	15 48 11.0 +2.5
U35K	comp=Z,13nm,0.9s,baz=57,slow=5.5,SNR=4.2			P	P	
DGZ	Jazzator, Alta	43.03	297	P	P	15 48 09.5 0.0
DGZ	comp=Z,46nm,1.2s			pMx	pMx	
DGZ	comp=Z,46nm,1.2s			MLR	MLR	
WRGLY	Wrigley	43.22	41	P	P	15 48 11.3 +0.7
WRGLY	comp=Z,97nm,1.0s			I	I	15 48 12.6 +2.0
WRGLY	Wrigley	43.22	41	P	P	15 48 12.6 +2.0
WRGLY	comp=Z,291,SNR=11			P	P	
LIRD	Liard River Hi	43.48	47	P	P	15 48 14.9 +2.1
LIRD	comp=Z,293			P	P	
TOAD	Toad River Com	44.11	47	P	P	15 48 20.1 +2.2
KOTAN	Kotanelee Air	44.14	45	P	P	15 48 19.9 +1.9
KOTAN	comp=Z,294,SNR=12			P	P	
GYA	Guiyang	44.46	257	P	P	15 48 21.8 +0.6
GYA	comp=Z,36nm,1.2s			pMx	pMx	
BBB	Bella Beas	45.62	57	LR	LR	16 07 50.3
BBB	comp=Z,356nm,19.9s,baz=298,slow=36			LR	LR	
ZSN	Zaisan	45.62	296	eP	eP	15 48 29.1 -1.0
ZSN	comp=Z,296			eS	eS	15 55 07.9 -0.6
ZSN	Zaisan	45.62	296	eP	eP	15 48 29.0 -1.0
ZSN	comp=Z,296			eS	eS	15 55 07.9 -0.6
EUNU	Eureka	45.70	12	P	P	15 48 30.3 0.0
WMQ	Urumqi	45.84	290	eP	eP	15 48 32.9 +1.0
WMQ	comp=Z,24nm,12.3s			LR	LR	
WMQ	comp=Z,14nm,13.1s			LR	LR	
ALE	Alert	46.48	6	P	P	15 48 36.4 0.0
ALE	comp=Z,14nm,18.9s			P	P	
YKA	Yellowknife Ar	47.21	39	P	P	15 48 42.8 +0.6
YKA	comp=Z,43nm,0.8s,baz=302,slow=8.0,SNR=57			P	P	15 48 43.3 +1.1
YKA	Yellowknife Ar	47.21	39	P	P	15 48 43.3 +1.1
YKA	comp=Z,43nm,0.8s,baz=302,slow=8.0,SNR=57			LR	LR	16 12 14.3
RES	Resolute Bay	47.26	20	I	I	15 49 52.2
RES	comp=Z,43nm,0.8s			I	I	
RES	Resolute Bay	47.26	20	LR	LR	16 10 14.1
RES	comp=Z,608nm,20.4s,baz=326,slow=38			P	P	15 48 44.1 -0.4
MK31	Makanchi Array	47.46	296	P	P	15 48 43.7 -0.8
MK31	comp=Z,24nm,0.7s,baz=37,slow=5.6,SNR=32			P	P	
MKAR	Makanchi Array	47.46	296	P	P	15 50 14.3 +0.4
MKAR	comp=Z,12nm,0.9s,baz=40,slow=4.7,SNR=4.1			ScP	ScP	15 54 07.6 +4.4
MKAR	Makanchi Array	47.46	296	P	P	15 55 37.0 +2.1
MKAR	comp=Z,1.6nm,0.8s,baz=57,slow=5.5,SNR=3.3			S	S	15 55 37.0 +2.1
MKAR	Makanchi Array	47.46	296	P	P	16 10 00.0
MKAR	comp=Z,54nm,19.2s,baz=45,slow=38			LR	LR	
KURK	Kurchatov	47.48	303	P	P	15 48 43.9 -0.5
KURK	comp=Z,24nm,0.7s			P	P	15 50 13.8 -0.1
KURK	Kurchatov	47.48	303	P	P	15 48 44.5 -0.0
KURK	comp=Z,24nm,0.7s			P	P	15 48 44.9 +0.4
KURK	Kurchatov	47.48	303	P	P	15 50 14.6
KURK	Kurchatov	47.48	303	P	P	15 55 38.7 +3.8
KURK	Kurchatov	47.48	303	P	P	15 48 44.0 -0.5
KURK	Kurchatov	47.48	303	P	P	15 48 59.4 +0.5
KURK	Kurchatov	47.48	303	P	P	15 50 14.2 +0.3
PZH	PanZhiHua	47.56	262	P	P	15 48 47.9 +2.3
PZH	comp=Z,10.0nm,0.8s			pMx	pMx	
PZH	comp=Z,110nm,4.7s			pMx	pMx	
KURBB	Kurchatov Arra	47.58	303	P	P	15 48 44.9 -0.3
KURBB	comp=Z,89nm,0.8s,baz=65,slow=7.8,SNR=55			P	P	
KURBB	Kurchatov Arra	47.58	303	P	P	15 50 14.6 +0.3
KURBB	comp=Z,28nm,0.8s,baz=61,slow=3.4,SNR=14			P	P	
KURBB	Kurchatov Arra	47.58	303	P	P	15 55 06.0 +2.5
KURBB	comp=Z,0.8nm,0.9s,baz=65,slow=3.6,SNR=1.8			S	S	15 55 06.0 +2.5
MAKZ	Makanchi	47.64	296	P	P	15 48 43.9 -1.9
MAKZ	comp=Z,0.1nm,0.3s,baz=120,slow=5.5,SNR=1.4			I	I	15 48 46.1
MAKZ	Makanchi	47.64	296	P	P	15 50 14.3 -0.3
MAKZ	comp=Z,295nm,0.8s			P	P	15 48 45.0 -0.8
MKI	Makanchi	47.69	259	P	P	15 48 48.3 0.0
MKI	comp=Z,29nm,0.9s			pMx	pMx	
KMI	comp=Z,24nm,15.6s			LR	LR	
KMI	comp=Z,14nm,15.7s			LR	LR	
KMI	comp=Z,840nm,16.7s			LR	LR	
QIZ	Qiongzong	48.00	247	P	P	15 48 50.0 +1.2
QIZ	comp=Z,43nm,1.0s			pMx	pMx	
QIZ	Qiongzong	48.00	247	P	P	15 48 50.9 +2.1
QIZ	comp=Z,43nm,1.0s			P	P	15 49 18.3
KBS	Kingsbay	49.80	352	P	P	15 49 00.7 -1.2
KBS	comp=Z,35nm,1.3s			I	I	15 49 03.3

KBS	Kingsbay	49.80	352	eP	P	15 49 00.5 -1.4
KBS	comp=Z,27nm,1.0s			P	P	15 49 00.5 -1.4
KBS	Kingsbay	49.80	352	eP	P	15 48 59.8 -2.1
KBS	comp=Z,24nm,0.6s,baz=52,slow=8.5,SNR=29			P	P	15 48 01.1 -0.9
SLVN	Son La	49.90	255	I	Amb	15 49 06.2
SLVN	comp=Z,62nm,1.0s			P	P	15 49 03.9 +0.4
SLVN	Son La	49.90	255	P	P	15 49 07.6 -0.7
BVAR	Borovoye Array	50.59	309	P	P	15 49 25.1 0.0
BVAR	comp=Z,24nm,0.6s,baz=52,slow=8.5,SNR=29			P	P	
BVAR	Borovoye Array	50.59	309	P	P	15 49 25.1 0.0
BVAR	comp=Z,27nm,0.7s,baz=68,slow=3.3,SNR=9.4			ScP	ScP	15 54 18.4 +2.1
BVAR	comp=Z,0.9nm,0.5s,baz=94,slow=5.8,SNR=2.1			S	S	15 56 11.8 -6.6
TNCH	TengChong	50.66	263	P	P	15 49 09.5 +0.1
TNCH	comp=Z,1.3nm,0.5s,baz=66,slow=14,SNR=2.8			pMx	pMx	
TDK	Taldyqorghan	50.71	296	eP	P	15 49 08.6 -0.7
TDK	comp=Z,37nm,1.0s			LR	LR	16 10 58.7
TDK	Taldyqorghan	50.71	296	eP	P	15 49 08.6 -0.7
TDK	comp=Z,3um,17.0s			MLR	MLR	
GNW	Green Mountain	50.95	59	P	P	15 49 12.0 +1.0
GNW	comp=Z,27nm,1.0s,baz=304			P	P	15 50 26.7 +0.1
BRZS	Berezni	51.09	304	eP	P	15 49 11.0 -1.0
BRZS	comp=Z,3um,17.0s			eS	S	15 56 25.0 -0.4
BRZS	Berezni	51.09	304	eP	P	15 49 11.0 -1.0
BRZS	comp=Z,27nm,1.0s,baz=304			eS	S	15 56 25.0 -0.4
BRZS	Berezni	51.09	304	eP	P	15 49 11.0 -1.0
BRZS	comp=Z,27nm,1.0s			pMx	pMx	
SHLS	Shalkode	51.16	294	eP	P	15 49 10.1 -2.8
SHLS	comp=Z,14nm,0.6s,baz=294			pMx	pMx	
SHLS	Shalkode	51.16	294	eP	P	15 49 10.1 -2.8
SHLS	comp=Z,14nm,0.6s			pMx	pMx	
UZB	Uzymbulak	51.43	294	eP	P	15 49 14.1 -0.8
UZB	comp=Z,294			P	P	15 49 14.1 -0.8
UZB	Uzymbulak	51.43	294	eP	P	15 49 14.1 -0.8
UZB	comp=Z,294			P	P	15 49 14.1 -0.8
KPKS	Kokpek	51.44	295	eP	P	15 49 14.1 -0.8
KPKS	comp=Z,295			P	P	15 49 16.7 -0.7
ZHN	Zhinishke	51.77	294	eP	P	15 49 16.6 -0.7
ZHN	comp=Z,294			P	P	15 49 17.1 -0.9
ZHN	Zhinishke	51.77	294	eP	P	15 49 17.1 -0.9
ZHN	comp=Z,294			P	P	15 49 19.0
SATY	Saty	51.85	294	eP	P	15 49 17.1 -0.9
SATY	comp=Z,294			P	P	15 49 17.1 -0.9
NEEM	North Greenlan	51.88	7	iP	P	15 49 19.0
NEEM	comp=Z,69nm,0.6s			I	Amb	
CHKK	Chushkaly	52.21	296	eP	P	15 49 19.6 -0.9
CHKK	comp=Z,296			P	P	15 49 19.6 -0.9
CHKK	Chushkaly	52.21	296	eP	P	15 49 19.6 -0.9
CHKK	comp=Z,296			I	Amb	15 49 48.7
LTY	Liberty	52.33	59	I	Amb	15 49 38.4
LTY	comp=Z,52nm,1.8s			I	Amb	
B08A	Colville Reser	52.42	57	I	Amb	15 49 38.4
B08A	comp=Z,63nm,1.6s			I	Amb	
KUU	Kurty	52.56	296	eP	P	15 49 22.2 -0.9
KUU	comp=Z,296			LR	LR	16 12 07.1
KUU	Kurty	52.56	296	eP	P	15 49 22.2 -0.9
KUU	comp=Z,2um,14.9s,baz=296			MLR	MLR	
MDOK	Medeo	52.58	295	eP	P	15 49 22.5 -1.0
MDOK	comp=Z,2um,15.0s			LR	LR	16 12 07.1
MDOK	Medeo	52.58	295	eP	P	15 49 22.5 -1.0
MDOK	comp=Z,2um,20.4s,baz=295			MLR	MLR	
AAA	Alma-Ata	52.63	295	eP	P	15 49 23.0 -0.8
AAA	comp=Z,2um,20.0s			LR	LR	16 12 09.0
AAA	Alma-Ata	52.63	295	eP	P	15 49 22.9 -0.8
AAA	comp=Z,19nm,0.6s,baz=295			pMx	pMx	
TNSS	Tian-Shan	52.72	295	eP	P	15 49 23.6 -1.1
TNSS	comp=Z,19nm,0.6s			P	P	15 50 23.3 -1.1
TNSS	Tian-Shan	52.72	295	eP	P	15 49 23.6 -1.1
TNSS	comp=Z,19nm,0.6s			I	Amb	15 50 41.6
MXC	Moxie City	52.94	59	I	Amb	15 49 23.6 -1.1
MXC						

15d 15h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PMG, YNE, IMW, RLMT, TPWA, etc.

2018 SEP

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

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KBZ, MI30, MI28, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CRVS, OSTO, MGMO, BERU, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like P49A, VOIR, VOIR, VOIR, etc.

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

AFAD 15:48:40.1e0.39:55N:28:34E, h7km±1km, ML1.9, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations in Turkey.

JMA 15:40:27.4:0.1, 38:2N:0:4:141:8E:0.6, h53km, MV1.3/25, E OFF MIYAGI PREF, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations in Honshu, Japan.

IDC 15:52:37.1:1.1, 33:31N:81:64E, h0km, mb3.5/7, mbmp3.5/9, ML2.8/2, Error ellipse: s-maj=35.1km s-min=20.6km az=61.0

ISC 15:52:38.7±1.1, 33:4N:01:81:7E:0.2, h10km, n9:0575/8, mb3.5/6, Xizang

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations in Xizang, China.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like UOSS Minazif, E27K Coleen River, E27K Mentasta, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like UMZA Um Al Zommoq, DAWY Dawson, LOGN Logan Glacier, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like MOS, A36M Sachs Harbour, PLBC Pleasant Camp, etc.

Table with columns: Station, Name, Time, Az, El, AzEl, SNR, and other parameters. Includes stations like P33M Teslin, VALR Vaaam, LABN Labinsk, etc.

Table with columns: Station, Name, Time, Az, El, AzEl, SNR, and other parameters. Includes stations like KIEV Kiev, KIEV Kiev, KIEV Kiev, etc.

Table with columns: Station, Name, Time, Az, El, AzEl, SNR, and other parameters. Includes stations like BURAR Bucovina Array, BURAR Bucovina Array, MOL Molde, etc.

15d 16h

comp=Z,5.3nm,1.1s,baz=286,slow=2.0,SNR=4.5
CPUP PKPab 16 46 16.8 +0.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes JMA 15 16:26:30.0,0.0,37.13N,0.08,140.0E,0.1,h4km.

IDC 15 16:33:20.7,0.8,26.68N,129.51E,h0km,mb3.9/15,
mbmp3.9/19,ML3.6/3,Error ellipse: s-maj=25.2km

NEIC 15 16:33:21.2,2.2,26.49N,129.59E,0.05,h10km,1km,
mb4.6/10,Error ellipse: s-maj=9.0km s-min=6.5km

JMA 15 16:33:23.1,0.1,26.77N,129.51E,0.4,h44km,MV3.8/26,
NEAR OKINAWAJIMA ISLAND

ISC 15 16:33:21.0,1.5,26.67N,129.63E,0.03,h1km,10km,
n56,1f80/73,mb4.1/20,Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes JYRO Yoronijima, JOKE Okinoerabujima, JOKE Kunigami.

KSRS Korea Array 10.22 329 Pn 16 35 58.8 +2.6

MAJO Matushiro 12.25 34 Pn 16 36 17.7 +2.2

JTM Tenmabayashi 17.67 31 P 16 37 28.3 +1.2

ASAJ Asahikawa 20.32 28 Pn 16 38 00.3 +1.3

JKA Kamikawa-asahi 20.32 28 Pn 16 37 58.7 -0.4

KLK Kul'dur 22.59 4 P 16 38 22.6 +1.2

TOLJ Tolitoli 26.80 20 P 16 38 58.4 -2.9

SONM Songino Array 27.89 325 P 16 39 12.2 +1.2

CMAR Chiang Mai Arr 29.44 260 P 16 39 25.6 +0.7

PETK Petropavlovsk-comp 33.67 31 P 16 40 02.1 +0.2

KNRA Kunumura 42.10 181 P 16 41 10.5 -2.8

MKAR Makanchi Array 42.19 311 P 16 41 15.4 +1.6

ZALV Zalesovo Beam 42.67 322 P 16 41 18.8 +0.1

KURB Kurchatov Arr 45.41 316 P 16 41 38.9 -0.7

WBO Warramunga Arr 46.39 174 P 16 41 45.8 -1.8

WRA Warramunga Arr 46.56 174 P 16 41 48.3 -0.6

ASAR Alice Springs 50.21 175 P 16 42 19.0 +1.9

MORW Morawa 56.93 194 P 16 43 03.2 -3.1

C18K Utukok River 57.84 24 P 16 43 13.4 +0.9

D22K Ayikyak River 60.97 24 P 16 43 35.4 +1.4

E22K Anantukuv Pass 61.29 25 P 16 43 38.4 +2.3

KBZ Khabaz 69.85 310 P 16 44 33.6 +1.8

FINES Finess Array B 79.10 331 P 16 44 51.6 +0.5

AKASG Malin Array Be 76.01 320 P 16 45 08.1 -0.1

BRTR Keskin Array B 77.75 308 P 16 45 19.1 +0.7

NOA NORFAS Array B 79.47 334 P 16 45 27.4 0.0

GERES GERES Array B 85.60 323 P 16 46 01.1 +1.5

ISK 15 16:34:28.9,36.45N,28.73E,h8km,ML2.2/11

AFAD 15 16:34:29.1,1.0,36.45N,28.75E,h7km,3km,ML2.1

ISC 15 16:34:29.1,1.2,36.44N,28.74E,0.03,h10km,gkm,
n23,0f56/37,Decadence Islands

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Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes FETY Fethiye, FETY Dalyan (Mula), FETY Mula-Seydiye.

SABU Mula-Dalaman 0.42 25 P 16 34 37.4 -0.1

CAME Cameli-Denizli 0.68 42 P 16 34 46.9 -0.3

KNIK Mula-Seydiye 0.78 58 P 16 34 43.8 -0.4

YER Yerkeskik 0.79 332 P 16 34 44.1 -0.2

MUGLA Mugla, Merkez- 0.88 338 P 16 34 46.1 -0.1

DAT Data 0.98 288 P 16 34 48.1 -0.2

ELL Elmal 0.99 71 P 16 34 48.5 0.0

GOLH Golhisar 1.03 39 P 16 34 47.7 -0.2

DENIZL Denizli-Tavas 1.03 8 P 16 34 49.2 -0.1

ACIPAY Acipayam-Deniz 1.12 23 Pn 16 34 50.8 0.0

BOZD Bodrum 1.31 299 P 16 34 53.9 -0.3

ESEN Aydn-Nazilli 1.39 347 P 16 34 55.2 -0.1

BOZK Bozkurt 1.43 27 P 16 34 56.8 +0.1

AYDB Zeytin koy-Aydi 1.65 336 Pn 16 35 58.9 +0.5

IPEC 15 16:35:13.8,0.5,51.59N,16.25E,h1km,ML4.2/5,Error

LDG 15 16:35:14.1,0.2,51.53N,16.21E,h1km,ML5.0/32,Error

IDC 15 16:35:15.8,0.4,51.50N,16.08E,h0km,mb4.3/22,Error

MOS 15 16:35:17.0,0.5,51.48N,16.15E,h14km,mb4.9/32,Error

DNK 15 16:35:15.3,2.1,51.42N,15.71E,h10km

NEIC 15 16:35:19.2,4.5,51.56N,16.04E,0.16,17E,0.08,h5km,1km,
mb4.7/85,ML3.8/17(VIE),Error ellipse: s-maj=8.6km

BUG 15 16:35:16.3,5.1,38N,16.15E,h0km,4km,ML5.2/13

BGR 15 16:35:17.3,0.4,51.35N,16.16E,h1km,ML4.3/16,Error

BNS 15 16:35:17.7,0.4,51.35N,16.15E,h1km,ML4.3

PRU 15 16:35:17.9,5.1,46N,16.13E,h0km,ML4.6,Felt In

VIE 15 16:35:18.8,0.5,51.28N,15.90E,h0km,mb3.7/19,
ml3.8/17,ms4.5/1,Error ellipse: s-maj=3.5km s-min=3.1km

UPP 15 16:35:19.8,2.8,51.74N,15.85E,h0km,ML3.7

ISC 15 16:35:14.6,0.3,51.51N,16.02E,0.02,16.11E,0.02,h0km,n464,
f174/567,mb4.7/83,13C-24D,Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes KSP Ksiaz, KSP Chvacek, CHVC Chvacek.

OSTC Ostas 0.95 176 eP 16 35 47.2 +0.2

UPC Upice 1.00 183 eP 16 35 52.4 +0.4

DPC Dobruska-Polom 1.17 173 eP 16 35 57.9 +0.3

DPC Dobruska-Polom 1.17 173 ePn 16 35 57.9 +0.3

PVCC Panska Ves 1.38 225 eP 16 35 42.4 +1.2

BRG Bergsiesshubel 1.50 246 Pn 16 35 42.9 +0.1

BRG Bergsiesshubel 1.50 246 P 16 35 45.4 +2.1

BRG Ruedersdorf 1.74 305 eP 16 35 47.8 -0.4

PRU Pruhonice 1.82 214 eP 16 35 48.8 -0.7

FRB Freiberg 1.83 252 ePn 16 35 48.4 -0.5

GPK Gorka Klasztor 1.90 21 P 16 35 57.6 +6.7

RAC Raciborz 1.95 136 ePn 16 35 48.1 -0.8

RAC Raciborz 1.95 136 eP 16 35 48.1 -0.8

RAC Raciborz 1.95 136 eP 16 35 48.1 -0.8

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RAC Collm 1.95 265 ePn 16 35 47.5

Table with columns: RAC, Code, Station Name, Az, Phase ID, Time, Res. Includes COLL Collm, MORC Moravsky Berou.

TREC Trest 2.25 190 eP 16 35 57.6 -0.1

KRUC Moravsky Berou 2.46 176 ePn 16 35 56.1 +0.2

TANN Tannenberghst 2.55 246 eP 16 35 58.9 +1.7

WERA Werda 2.62 248 eP 16 36 07.0 +0.6

OJC Ojcow 2.67 117 eP 16 35 57.1 -1.8

JAVC Velka Javorina 2.83 159 ePn 16 36 00.8 -0.3

KHC Kasperske Hory 2.88 215 ePn 16 36 02.5 +0.8

KHC Kasperske Hory 2.88 215 ePn 16 36 02.8 +1.1

KHC Kasperske Hory 2.88 215 ePn 16 36 02.8 +1.1

KHC Kasperske Hory 2.88 215 ePn 16 36 02.8 +1.1

KHC Kasperske Hory 2.88 215 ePn 16 36 02.8 +1.1

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KHC Kasperske Hory 2.88 215 ePn 16 36 02.8 +1.1

KHC Kasperske Hory 2.88 215 ePn 16 36 02.8 +1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like M30M Minto, YUKON, INK Inuvik, H31M Peel River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CONA Conrad Observa, KRCR Cesky Krumlov, KKC Kasperse Hory, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOL2 Tolitoli, MRSI Marisa, KMSI Cibinong, etc.

IDC 15 19:16:26 0.3, 1.43:04N:105:08W, h0km, mbmp3.3/2, ML3.2/2, Error ellipse: s-maj=61.6km s-min=11.4km, az=156.0

NEIC 15 19:16:29 9.1, 4.3:55N:106:05W, h0km, mb4.1/1.8, ML3.3/4, Error ellipse: s-maj=16.3km s-min=9.7km, az=69.0

ISC 15 19:16:27 7.1, 0.43:81N:105:05W, h0km, n14, o#82/13, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RSDS Black Hills, K22A Casper, RLMT Red Lodge, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like ESDC Sonseca Array, NOA NORSR Array B, BVAR Borovoye Array, etc.

BUI 15 23:10:01.0:0.0, 17.68S:177.49W, h519km, mb4.8/36, mb5.0/12

NEIC 15 23:10:02.8:1.4, 17.86S:0.09:178.16W:0.10, h496km, mb4.9/129, Error ellipse: s-maj=13.7km s-min=13.4km az=141.0

NOU 15 23:10:03.3, 17.88S:178.20W, h503km, mb5.3/122, Fiji Islands Region

IDC 15 23:10:03.9:0.4, 17.87S:178.19W, h511km, 3km, mb4.1/24, mb1mp:0.27, Error ellipse: s-maj=9.2km s-min=8.1km az=146.0

GCMT 15 23:10:05.0:0.6, 18.16S:0.06:177.87W:0.06, h541km, 3km, MW5.4/2, Moment Tensor Solution, s42c52; Duration: 1/2 Moment tensor: Scale 1017Nm; Mn:0.50z:07; M0:0.02z:12; M0:0.47z:09; M0:0.43z:09; M0:0.36z:09; M0:1.44z:08; Best double couple; M0:1.61200x10^17 Np1.0z:191.00000; s82.00000; 1.106.00000; NP2:0.307.00000; s18.00000; s27.00000

Principal axes: T 1.7140, P1g50.0000, Azm119.0000; N -0.2030, P1g16.0000, Azm9.0000; P -1.5110, P1g35.0000, Azm268.0000; nst1 refers to body waves, cutoff=40s. Triangular moment-rate function

ISC 15 23:10:03.7:0.3, 17.87S:0.04:178.17W:0.04, h515km, 3km, h515km:pp-P, n760, c0958/812, mb5.0/154, 51C-29D, Fiji Islands region

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists numerous stations including FUTU Fugatoga, MSVF Nonsavu, AFI Afiamalu, NIUE Niue, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists numerous stations including TVIH Townsville Har, CNB Canberra Magne, CNB Canberra Magne, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists numerous stations including MBWA Marble Bar, MMRI Maumere, MMRI Maumere, etc.

15d 23h

Table with columns for station code, name, elevation, distance, bearing, and other parameters. Includes stations like OHAK Old Harbor, CMB Columbia Colle, ORV Oroville, etc.

2018 SEP

Table with columns for station code, name, elevation, distance, bearing, and other parameters. Includes stations like UBPT Khong Chiam, BELA Belgrano 2, KAIM Kayak Island, etc.

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Table with columns for station code, name, elevation, distance, bearing, and other parameters. Includes stations like M26K Nabesna, AK, YUK6 Outpost Mounta, YUK3 Moose Creek, etc.

C21K	Knifblade Rid	88.39	8	P	P	23 22 00.6 +0.6
D22K	Ayikyak River	88.44	9	P	P	23 22 01.0 +0.8
TGNT	Hyland Airport	88.50	22	P	P	23 22 01.7 +1.0
BMAR	Burnt Mountain	88.58	12	P	P	23 22 01.1 +0.2
G27K	Doyun Strip	88.68	14	P	P	23 22 02.1 +0.7
I30M	Mount Dempster	88.70	16	P	P	23 22 01.8 +0.1
N23K	Red Feather La	88.77	46	P	P	23 22 03.0 +0.2
D23K	Namuchuk River	88.82	10	P	P	23 22 02.4 +0.4
B21K	Ikkipuk River	88.85	8	P	P	23 22 02.3 +0.2
833A	Chaparral WMA	88.89	60	P	P	23 22 02.7 -0.5
F26K	Sheenjek River	88.89	12	P	P	23 22 02.9 +0.5
H29M	Whitestone	88.97	15	P	P	23 22 03.6 +0.8
CM1G	Mattias Romero	89.01	72	P	P	23 22 04.2 +0.2
CM31	Chiang Mai Arr	89.08	290	P	I Amb	23 22 05.1 +0.7
CMAR	Chiang Mai Arr	89.08	290	P	P	23 22 05.2 +0.8
CMAR	Chiang Mai Arr	89.08	290	P	P	23 22 05.8 +1.5
CMAR	Chiang Mai Arr	89.08	290	P	P	23 23 57.6 -0.1
KOTAN	Kotanelee Air	89.12	24	P	P	23 22 04.0 +0.4
CHTO	Chiang Mai	89.20	290	P	I Amb	23 22 05.2 +0.3
CHTO	Chiang Mai	89.20	290	P	I Amb	23 22 07.1
ELIB	Princess Elisa	89.22	187	dP	P	23 22 04.2 0.0
LL02	Futaleuf	89.30	135	P	I Amb	23 22 05.5 +0.5
LL02	Futaleuf	89.30	135	P	I Amb	23 22 07.3
JCT	Junction City	89.33	58	P	P	23 22 05.1 -0.2
PZH	PanZhiHua	89.34	298	P	P	23 22 05.8 +0.3
PZH	PanZhiHua	89.34	298	P	P	23 22 06.6
PZH	PanZhiHua	89.34	298	P	P	23 22 06.6
PZH	PanZhiHua	89.34	298	P	P	23 22 06.6
AMTX	Amarillo	89.47	53	P	I Amb	23 22 05.4 -0.5
AMTX	Amarillo	89.47	53	P	I Amb	23 22 07.0
EPYK	Eagle Plains	89.51	15	P	P	23 22 05.5 +0.2
G29M	Pine Creek	89.61	15	P	P	23 22 06.2 +0.5
H31M	Peel River	89.70	17	P	P	23 22 06.0 -0.1
F28M	Old Crow	89.74	14	P	P	23 22 05.9 -0.4
E27K	Coleen River	89.83	13	P	P	23 22 06.8 0.0
LL04	Puerto Octay	89.84	133	P	P	23 22 07.9 +0.4
EDM	Edmonton	90.01	33	P	I Amb	23 22 07.4 -0.5
EDM	Edmonton	90.01	33	P	I Amb	23 22 08.6
A22K	Sinclair Lake	90.09	7	P	P	23 22 08.2 +0.4
G30M	taoh Zhai Njii	90.11	15	P	P	23 22 08.4 +0.3
A21K	Barrow	90.19	7	P	P	23 22 08.3 +0.1
ABTX	Abilene, Hawle	90.22	56	P	I Amb	23 22 09.3 -0.1
ABTX	Abilene, Hawle	90.22	56	P	I Amb	23 22 10.8
TROLL	Troll, Antari	90.34	180	IP	P	23 22 09.5 +0.1
LR03	Panguipulli	90.39	132	P	P	23 22 10.1 0.0
LR05	Currie	90.39	133	P	I Amb	23 22 10.5 +0.4
G31M	Satah River	90.56	16	P	P	23 22 10.1 0.0
C27K	Jago River	90.61	11	P	P	23 22 10.6 +0.3
E28M	Babbage River	90.62	13	P	P	23 22 10.9 +0.6
SNA4	Sanae	90.63	179	P	I Amb	23 22 09.7 -0.9
SNA4	Sanae	90.63	179	IP	I Amb	23 22 11.5
SNA4	Sanae	90.63	179	IP	P	23 22 10.3 -0.3
SNA4	Sanae	90.63	179	IP	P	23 22 10.3 -0.3
VNA3	Neumayer Olymp	90.76	176	IP	P	23 22 11.2 +0.1
E29M	Blower River	90.81	14	P	P	23 22 11.6 +0.4
GO06	Curarrehue	91.03	132	P	I Amb	23 22 12.5 +0.2
GO06	Curarrehue	91.03	132	P	I Amb	23 22 15.2
LZH	Lanzhou	91.05	308	IP	P	23 22 15.3 +2.0
LZH	Lanzhou	91.05	308	IP	P	23 24 10.5 +2.9
F13M	Tsigichtie	91.09	16	P	P	23 22 12.5 0.0
PLCA	Paso Flores	91.19	134	P	P	23 22 14.9 +1.0
VNA2	Neumayer-Watz	91.20	177	IP	P	23 22 13.5 +0.3
435B	Jarell	91.22	58	P	P	23 22 12.9 -1.1
VNA1	Neumayer-Stat	91.43	177	IP	P	23 22 14.4 +0.3
INK	Inuvik	91.75	19	P	P	23 22 14.6 -1.1
APG	El Apazole	92.39	75	P	P	23 22 20.6 +0.7
DGMT	Dagmar	93.02	40	P	I Amb	23 22 21.9 0.0
DGMT	Dagmar	93.02	40	P	I Amb	23 22 23.4
ULN	Ulanbaatar	93.27	319	P	P	23 22 22.6 -0.6
ULN	Ulanbaatar	93.27	319	P	I Amb	23 22 25.2
ULN	Ulanbaatar	93.27	319	P	P	23 22 24.1 +0.9
SONM	Songino Array	93.67	319	P	I Amb	23 22 24.6 -0.4
SONM	Songino Array	93.67	319	P	I Amb	23 22 26.2
SONM	Songino Array	93.67	319	P	P	23 22 25.2 +0.2
SONM	Songino Array	93.67	319	P	P	23 24 18.6 -1.0
SONM	Songino Array	93.67	319	P	P	23 29 24.7 -2.6
YKA	Yellowknife Ar	94.20	25	P	P	23 22 26.6 -0.3
GTA	Gatoti	95.18	310	eP	P	23 22 32.9 +0.8
LPAZ	La Paz	103.21	112	P	P	23 28 58.0 -4.0
MKAR	Makanchi Array	109.27	314	P	P	23 23 33.1 -1.4
MKAR	Makanchi Array	109.27	314	P	P	23 27 33.9 -1.2
MKAR	Makanchi Array	109.27	314	P	P	23 28 13.4 -1.3
MKAR	Makanchi Array	109.27	314	P	P	23 28 42.3 -1.3
KURBB	Kurchatov Arra	112.00	318	P	P	23 27 39.6 -0.5
KURBB	Kurchatov Arra	112.00	318	P	P	23 30 27.9 +1.3
KURBB	Kurchatov Arra	112.00	318	P	P	23 38 34.0 -0.8
BVAR	Borovoye Array	116.96	321	P	P	23 27 49.4 -0.1

BVAR	Borovoye Array	116.96	321	P	P	23 30 37.3 +1.2
KK31	Karatay Array	117.47	310	P	P	23 27 50.4 -0.4
KKAR	Karatay Array	117.47	310	P	P	23 27 50.4 -0.5
GGAR	Garm Array	117.32	350	P	P	23 27 51.2 -0.2
ARCS	Arish Array	126.39	350	P	P	23 28 06.6 -0.4
BOSA	Boshof	128.52	207	P	P	23 28 13.2 -0.2
SOHO	Minazif	129.16	288	P	P	23 28 12.9 -0.2
UOSS	Minazif	129.16	288	P	P	23 28 14.9 +0.3
HATD	Hatta, Dubai	129.22	288	P	P	23 28 13.6 -0.3
MSFE	Esma-Masafi	129.22	288	P	P	23 28 14.1 +0.2
SHME	Shamm	129.27	289	P	P	23 28 12.4 -1.5
NAZ	Nazwa, Dubai	129.65	288	P	P	23 28 15.6 0.0
FAQ	Al Fasha, Dubai	129.70	288	P	P	23 28 14.9 +0.1
ASUD	Al Ashugh, Dub	129.93	287	P	P	23 28 15.0 -0.3
AJN	Ajban	130.24	287	P	P	23 28 12.9 -2.9
BELG	Belogomoye	130.38	325	P	P	23 30 51.4 +0.5
LBTB	Lobate	131.49	290	P	P	23 28 19.9 -0.5
MZR	Muzera	131.52	285	P	P	23 28 19.1 -0.3
FINES	FINESS Array B	133.21	344	P	P	23 28 19.9 -0.4
FINES	FINESS Array B	133.21	344	P	P	23 31 02.6 -0.2
OBN	Obninsk	134.37	333	P	P	23 31 06.1 -1.9
NB2	NORSAR Subarray	136.36	353	P	P	23 28 20.9 -5.4
NOA	NO3633	136.36	353	P	P	23 28 26.6 +0.3
GNI	Garni	136.93	310	P	P	23 31 13.4 +0.8
HFS	Hagfors	137.49	351	P	P	23 28 27.7 +0.4
KBZ	Khabz	136.94	316	P	P	23 31 13.8 +1.5
LSZ	Lusaka	138.05	220	P	P	23 28 29.3 -1.5
RAYN	Rayn	138.07	285	P	P	23 28 24.2
KMBO	Kilima Mbogo	140.35	245	P	P	23 28 38.6 +0.6
KMBO	Kilima Mbogo	140.35	245	P	P	23 28 30.4
KMBO	Kilima Mbogo	140.35	245	P	P	23 31 25.1 -0.1
AKASG	Main Array B	140.63	333	P	P	23 28 25.2
AKASG	Main Array B	140.63	333	P	P	23 31 24.3 +0.1
AKASG	Main Array B	140.63	333	P	P	23 31 37.7 +1.8
ARPR	Ararip Array	141.93	311	P	P	23 28 35.2 -2.0
EKA	Eskdalemuir Ar	142.41	5	P	P	23 28 33.3
SORM	Soroca	142.87	330	P	P	23 28 36.3 -2.0
PURM	Purari	143.12	251	P	P	23 28 40.0 -0.2
GAZ	Gaziantep	143.48	309	P	P	23 28 38.5 0.0
MILM	Milestii Mici	143.50	328	P	P	23 28 38.6 +0.6
BZK	Bizket	143.55	318	P	P	23 28 39.5 -0.3
BNN	Bunyan	143.79	312	P	P	23 28 40.1 -0.4
KWP	Kalwarja Pacla	144.12	337	P	P	23 28 39.1 -0.9
LODR	Lodwar	144.15	320	P	P	23 28 41.4 0.0
VLDL	Vladiesti	144.60	325	P	P	23 28 43.0 +1.0
OJC	Ojcow	144.65	340	P	P	23 28 42.9 +0.7
OJC	Ojcow	144.65	340	P	P	23 28 41.7 +0.1
TLCR	Tlaxcala	144.66	326	P	P	23 28 42.0 0.0
BUR08	Bucovina Arr. S	144.67	332	P	P	23 28 42.0 +0.1
BUR09	Bucovina Arr. S	144.69	332	P	P	23 28 42.6 +0.1
BUR10	Bucovina Arr. S	144.69	332	P	P	23 28 43.2 +0.7
GHRR	Ghars	144.79	329	P	P	23 28 44.2 +1.4
TEGR	Tescani	144.84	330	P	P	23 28 43.4 +0.4
KOR	Kolonek sedl	144.86	336	P	P	23 28 43.0 +0.3
BR131	Keskin Array B	144.91	315	P	P	23 28 43.0 +1.1
BRTR	Keskin Array B	144.91	315	P	P	23 28 42.8 -0.2
BRTR	Keskin Array B	144.91	315	P	P	23 28 43.5 -0.2
BRTR	Keskin Array B	144.91	315	P	P	23 31 33.7 0.0
IZVR	Izvoarele	144.97	328	P	P	23 28 43.9 +0.4
TUDR	Tudora	144.98	328	P	P	23 28 43.5 0.0
KIRS	Kirsehir-Merke	145.01	314	P	P	23 28 43.5 +0.4
TPGR	Topogri	145.09	326	P	P	23 28 44.7 +0.7
KSP	Ksiaz	145.14	344	P	P	23 28 43.5 -0.4
NIE	Niedzica	145.17	339	P	P	23 28 44.8 +0.6
CRVS	Cervenica-Dubn	145.19	337	P	P	23 28 44.7 +0.4
VRV	Vrincioara	145.26	329	P	P	23 28 45.0 +0.2
PLOR	Plostina	145.31	329	P	P	23 28 45.4 -0.3
BMR	Baia Mare	145.38	334	P	P	23 28 45.4 +0.4
OSTC	Ostas	145.42	344	P	P	23 28 43.7 -0.2
CHVC	Chvalec	145.43	344	P	P	23 28 45.2 0.0
HARR	Harsova	145.46	326	P	P	23 28 45.4 0.0
ARRC	ARCALIA	145.47	332	P	P	23 28 45.6 +0.2
TURR	Turia	145.47	330	P	P	23 28 45.9 +0.4
CLL	Collim	145.47	348	P	P	23 28 43.9 -0.2
CLL	Collim	145.47	348	P	P	23 28 44.1 +0.1
CLL	Collim	145.47	348	P	P	23 30 46.0 -1.8
CLL	Collim	145.47	348	P	P	23 30 52.0
CLL	Collim	145.47	348	P	P	23 31 38.0 +3.8
TLBR	Topalu	145.50	326	P	P	23 28 45.9 +0.3
UPC	Ustice	145.52	344	P	P	23 28 44.7 +0.5
COVR	Coineasa-Covas	145.53	329	P	P	23 28 44.9 +0.5
MFR	Murfatlar	145.54	325	P	P	23 28 45.6 -0.1
OZUR	Ozurs	145.55	330	P	P	23 28 45.6 -0.3
DPC	Dobruska-Polom	145.58	344	P	P	23 28 46.4 +0.2
DPC	Dobruska-Polom	145.58	344	P	P	23 30 44.3 +0.2
BGRS	Bodos	145.63	330	P	P	23 28 46.2 +0.1
BRG	Bergliesshubel	145.68	346	P	P	23 28 46.9 +0.6
BRG	Bergliesshubel	145.68	346	P	P	23 28 47.5
LANS	Liptovsky Anna	145.68	339	P	P	23 28 45.9 -0.3
MORC	Moravsky Berou	145.75	342	P	P	23 28 44.3 -0.6
DOPR	Dopca	145.84	340	P	P	23 28 46.7 -0.2
PVCC	Panska Ves	145.86	335	P	P	23 28 46.8 0.0
ISR	Istrita	145.88	328	P	P	23 28 46.4 -0.8
MLR	Muntele Rosu	145.91	329	P	P	23 28 44.7 +0.8
MLR						

16d 0h

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NLAI Namlea, FAKI Fak Fak, WRA Warramunga Arr, etc.

Table with columns: PLCA, Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, KSRS Korea Array, PETK Petropavlovsk, etc.

Table with columns: WB2 Warramunga Arr, PSAD1 Pilbara Seismi, PSA00 Pilbara Seismi, etc.

IDC 16 00:01:19.3:0.7, 3.4727S, 178.48W, h0km, mb4.2/10, mltmp4.3/13, ML3.9, MS3.7/16, Error ellipse: s-maj=24.6km, s-min=19.0km, az=69.0

IDC 16 00:03:23.2:2.1, 6.377N, 126.16E, h122km, 19km, mb4.1/27, mltmp4.5/28, MS3.2/6, Error ellipse: s-maj=17.5km, s-min=9.7km, az=73.0

IDC 16 00:03:27.5:0.8, 6.1N, 126.6E, h137km, 14km, MS.2/12, mb5.4/12, mltmp5.5/10, MLV5.4/6, mltmp5.0/10

NEIC 16 00:01:22.4:2.5, 3.472S, 178.48W, h0.1, h10km, 1km, mb4.7/10, Error ellipse: s-maj=2.1km, s-min=5.2km, az=133.0

NEIC 16 00:03:26.2:1.6, 6.35N, 126.16E, h144km, 5km, mb4.7/68, Error ellipse: s-maj=12.2km, s-min=9.2km, az=59.0

NEIC 16 00:03:25.0:0.6, 6.30N, 126.23E, h143km, 7km, mb4.1/87, 1926/197, mb4.0/34, 2C-2D, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MZK Matakaoa Point, MXZ Matakaoa Point, PKGZ Pakihiroa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GAZ Gaziantep, DBIC Dimboko, MMAL Mount Meron Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WRKA Warakura, XAN Xi'an, MJAR Matsushiro Arr, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DAV Davao City (W), GAMI Galela, MALU Malu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LZH Lanzhou, MORW Morawa, JTM Tenmabayashi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KOUNC Koumac, RAR Rarotonga, EIDS Eidsvoll, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TOLZ Toitloti, LUWI Luwuk, SANI Sanana, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HHC Hu-ho-hao-te, FORT Forrest, QLP Quilpie, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, SOEI Soe, PLAI Pampang, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like XLT XiLinHaoTe, KLBR Kellerberrin, ERM Ermo, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SNAZ Snares, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HEH Heihe, ULN Ulanbaatar, SONN Sontoro Arr, etc.

16d 1h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Gunungsitoli, Prapat, Pulau Batu, Diego Garcia H, etc.

ISK 16 00:49:11.8, 36.46N, 28.70E, h4km, ML2.3/19
AFAD 16 00:49:11.4, 0.0, 36.41N, 28.69E, h7km, ML2.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Dalyan (Mula), Fethiye, Mula-Dalaman, Mula-Seydiye, etc.

2018 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Lamerd, JHRM, KAZZ, SHHI, SHMA, etc.

NEIC 16 01:24:10.4, 0.7, 36.137N, 0.010:97.62W, 0.01, h5km, 4km, mb_Lg2.7, ML2.8, ML3.0/64, Error ellipse: s-maj=1.5km s-min=1.3km az=209.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Oklahoma, Liberty Lake, Carrier, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OK032, OK032, OK032, etc.

WEL 16 01:49:48.2, 0.9, 32.5, 17.8W, 2.3, h100km, M4.6/12, mB5.07, ML4.8/10, MLV4.9/12, Mw(MB)4.3/7, Error ellipse: s-maj=0.0km s-min=0.0km az=107.1

NEIC 16 01:49:50.5, 2.2, 32.24S, 0.06:179.2W, 0.2, h91km, 11km, mb4.3/12, Error ellipse: s-maj=22.3km s-min=1.4km az=114.0

IDC 16 01:49:53.1, 2.0, 31.68S, 179.23W, h124km, 17km, mb3.7/5, mbmp4.2/7, Error ellipse: s-maj=23.0km s-min=18.2km az=118.0

ISC 16 01:49:49.4, 0.6, 32.00S, 0.06:179.2W, 0.1, h96km, n71, s1847/7, mb4.3/9, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Green Lake, Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PKGZ Pakihiroa, PUKZ Puketiti, RAUKUMARA RANG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CROK Leonard, KAN09 Caldwell North, ANADK Arcadia Dam, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DOK Doka, WHFO Wadi Hawf, DMTO DMTO, etc.

TEH 16 02:03:09.6, 26:87N:53:07E, h17km, 37km, ML3.4
OMAN 16 02:03:11.2, 20.3, 26:73N:53:10E, h10km, mb4.3/2,
ml2/15, Error ellipse: s-maj=7.0km s-min=3.3km
az=358.0
DSN 16 02:03:12.1, 21.3, 26:66N:53:14E, h15km, ML2.7/8, Error
ellipse: s-maj=17.5km s-min=7.4km az=176.0
ISC 16 02:03:09.1, 21.2, 26:81N:06:53:10E, 0.03, h1km, 18km,
n46, c089/67, Southern Iran

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, ISC. Includes stations like INU Inuyama, JH2 Mitsune, KRSR Korea Array, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, ISC. Includes stations like LVC Limon Verde, LVC Limon Verde, PB09 IOC Station P, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, ISC. Includes stations like SNVZ South Nguarouh, KAHZ Kahuranaki, KRHZ Kereru, etc.

IDC 16 02:52:42.7 ± 1.0, 36.07S × 102.46W, h0km, mb4.0/9, mbtmp3.0/9, MS3.8/24, Error ellipse: s-maj=30.8km

NEIC 16 02:52:42.6 ± 1.3, 35.83S, 01°10'102.6W, 0.1, h10km, 1km, mb4.7/47, Error ellipse: s-maj=18.6km s-min=16.5km

GCMT 16 02:52:46.6 ± 0.6, 35.95S, 01°03'102.43W, 0.04, h30km, 1km, MW4.9/77, Moment Tensor Solution. s17, c17, s77, c87;

Duration: 0 Moment tensor: Scale 10^16Nm; M1r-1.22z, 32; M2o-0.77z, 21; M3o-1.99z, 21; M4o-0.69z, 26; M5o-2.12z, 12; M6o-0.54z, 22; Best double couple: Mo2.88900x10^16

NP1: 191.00000°, 689.00000°, A-26.00000°, NP2: 291.00000°, 686.00000°, A-157.00000° Principal axes: T 3.2210, P1g2.0000°, Azm241.0000°, N -0.6000, P1g57.0000°, Azm334.0000°, P -2.5570, P1g33.0000°, Azm150.0000°, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 16 02:52:43.5 ± 0.5, 35.86S, 008:102.56W, 0.09, h16km, n93, 0136/68, mb4.7/30, MS3.9/23, Southeast of Easter Island

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, ISC. Includes stations like RPV Rapa Nui, VA02 Isla de Pascua, H03S2 Juan Fernandez, etc.

IDC 16 03:01:58.5 ± 1.2, 31.62S × 179.06W, h0km, mb3.8/3, mbtmp3.9/4, ML3.4/5, MS3.5/32, Error ellipse: s-maj=36.9km

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

ISC 16 03:02:17.3 ± 1.5, 32.45S, 01°179.5W, 0.2, h150km, n29, s-min=29.6km az=80.0

IDC 16 03:09:02.7 ± 1.1, 56.23N, 149.31W, h0km, mb3.7/7, mbtmp3.7/12, ML3.4/5, MS3.5/32, Error ellipse: s-maj=24.2km s-min=20.4km az=40.0

NEIC 16 03:09:02.2 ± 1.9, 56.26N, 007:149.44W, 0.09, h22km, 8km, mb4.2/4, ML3.9/70, Error ellipse: s-maj=10.5km s-min=7.5km az=173.0

ISC 16 03:09:02.7 ± 1.1, 56.23N, 149.31W, 0.05, h10km, n207, 0180/171, mb4.0/10, MS3.5/28, Gulf of Alaska

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

MESA	MESA	5.50	42.0	Pn	Pn	03 10 24.0	-0.7
SML	Shawmill	5.51	5.0	Pn	Pn	03 10 24.0	+0.2
SCM	Seep Creek Mo	5.61	1.0	Pn	Pn	03 10 26.6	+0.4
O16K	Kokkrov River B	5.67	30.9	Pn	Pn	03 10 26.3	-0.5
SVW2	Sparrevohr	5.76	328	Pn	Pn	03 10 28.1	-0.1
TABL	Table Mountain	5.82	1.0	Pn	Pn	03 10 27.7	+0.6
CHNA	Chernabura Isl	5.98	260	Pn	Pn	03 10 29.8	-1.4
CNBA	Chernabura Isl	5.95	260	Pn	Pn	03 10 28.8	-2.4
M24K	Tolsona, Glenn	6.02	15	Pn	Pn	03 10 32.8	+1.1
YK2U	Yakutat	6.07	54	Pn	Pn	03 10 32.6	+0.2
PCA	Pinnacle	6.12	48	Pn	Pn	03 10 33.2	+0.1
M19K	Big River Lodge	6.16	39	Pn	Pn	03 10 32.7	+0.6
CTGM	Chitina Glacie	6.26	39	Pn	Pn	03 10 34.5	-0.6
PNL	Peninsula	6.27	54	Pn	Pn	03 10 35.7	+0.6
LOGN	Logan Glacier	6.28	41	Pn	Pn	03 10 35.0	-0.4
BCPM	Bancas Point	6.30	51	Pn	Pn	03 10 34.9	-0.7
SDPT	Sand Point	6.33	266	Pn	Pn	03 10 34.1	-1.8
SDPT	Sand Point	6.33	266	Pn	Pn	03 10 35.4	-0.5
M17K	Hollina River	6.57	324	Pn	Pn	03 10 38.6	-0.7
N15K	Kwethluk River	6.83	309	Pn	Pn	03 10 43.5	+0.6
DHY	Denali Highway	6.84	8	Pn	Pn	03 10 43.9	+0.9
M16K	Timber Creek	6.85	317	Pn	Pn	03 10 42.6	-0.5
PAX	Paxson	6.94	15	Pn	Pn	03 10 45.5	+1.1
L18K	Granite Mounta	6.98	331	Pn	Pn	03 10 44.2	-0.7
O14K	Tiguykuivut M	6.99	300	Pn	Pn	03 10 45.5	+0.5
P29M	Windy Craggy	7.01	57	Pn	Pn	03 10 45.4	0.0
RND	Reindeer	7.10	2	Pn	Pn	03 10 47.1	+0.6
S12K	Black Hills	7.12	20	Pn	Pn	03 10 45.1	-1.5
S12K	Edge Crk, AK	7.12	29	Pn	Pn	03 10 47.1	0.0
MENT	Mentasta	7.21	21	Pn	Pn	03 10 49.6	+1.5
S31K	Pelican	7.34	72	Pn	Pn	03 10 47.3	-2.4
L26K	Log Cabin Wild	7.37	22	Pn	Pn	03 10 51.2	+1.0
K20K	Telida	7.43	343	Pn	Pn	03 10 52.9	+1.9
H20K	Haines Junctio	7.55	7	Pn	Pn	03 10 54.6	+0.3
L27K	Beaver Creek,	7.75	26	Pn	Pn	03 10 55.9	+0.5
BCAR	Beaver Creek A	7.76	26	Pn	Pn	03 10 55.8	+0.2
RIDG	Independent Ri	7.76	15	Pn	Pn	03 10 56.7	+1.0
BPWW	Bear Paw Mtn.	7.83	355	Pn	Pn	03 10 55.9	-0.6
K17K	Iditarod	7.88	328	Pn	Pn	03 10 55.5	-1.0
M14K	Bethel	7.92	384	Pn	Pn	03 10 51.3	0.0
J18K	Innokk River	8.04	336	Pn	Pn	03 10 57.2	-2.2
SKAG	Skagway	8.11	61	Pn	Pn	03 11 00.3	0.0
SKAG	Skagway	8.11	61	Pn	Pn	03 11 00.4	0.0
SCRK	Sand Creek	8.12	17	Pn	Pn	03 11 01.3	+0.7
BESE	Bessie Mountai	8.15	68	Pn	Pn	03 10 60.0	-1.0
N30M	Aishulik Lake	8.16	31	Pn	Pn	03 11 01.3	0.0
S32K	Killisnoo	8.19	76	Pn	Pn	03 11 00.3	-1.1
WRH	Wood River Hill	8.19	4	Pn	Pn	03 11 01.1	-0.2
HDA	Harding Lake	8.19	7	Pn	Pn	03 11 01.6	+0.2
J20K	Nowinta River	8.21	345	Pn	Pn	03 11 01.3	-0.4
R32K	Eaglecrest	8.28	370	Pn	Pn	03 11 02.3	-0.4
J19K	Poorman	8.28	341	Pn	Pn	03 11 02.3	-0.4
NEA2	Nenana	8.29	1	Pn	Pn	03 11 02.6	-0.2
JIS	Juneau Island	8.35	70	Pn	Pn	03 11 03.3	-0.3
CCB	Clear Creek Bu	8.37	5	Pn	Pn	03 11 04.7	+0.7
L14K	Kuka Creek	8.52	312	Pn	Pn	03 11 05.8	-1.1
ILAR	Eielson Array	8.55	7	Pn	Pn	03 11 07.0	+0.6
ILAR	Eielson Array	8.55	7	Pn	Pn	03 11 06.5	-0.2
ILAR	comp=N,0.6nm,0.3s,baz=186,slow=13,SNR=25			Sn	Sn	03 12 39.9	-2.9
ILAR	comp=N,1.68nm,21.0s,baz=252,slow=38			LR	LR	03 14 27.5	
ILAR	comp=N,1.2nm,0.5s						
J17K	VABM Dome	8.59	329	Pn	Pn	03 11 06.1	-0.8
COLA	College	8.61	374	Pn	Pn	03 11 07.0	-0.1
K15K	Wolf Creek Mou	8.61	319	Pn	Pn	03 11 07.0	-0.1
N31M	Braeburn, Yuko	8.72	48	Pn	Pn	03 11 09.2	+0.4
WHY	Whitehorse	8.73	54	Pn	Pn	03 11 09.5	+0.5
MLY	Manley	8.75	356	Pn	Pn	03 11 09.0	-0.2
I23K	Minto, Yukon-K	8.84	0	Pn	Pn	03 11 11.2	+0.8
L29M	29M	8.85	35	Pn	Pn	03 11 11.5	+0.9
I20K	Naghadenede	8.85	346	Pn	Pn	03 11 10.3	-0.1
POKR	Poker Plat Res	8.86	5	Pn	Pn	03 11 11.5	+0.9
J16K	Anvik River	8.96	326	Pn	Pn	03 11 11.3	-0.6
U33K	Whale Pass	9.06	36	Pn	Pn	03 11 10.6	-2.8
CRAC	Craig	9.12	4	Pn	Pn	03 11 11.3	-0.3
DAW	Dawson	9.20	29	Pn	Pn	03 11 16.1	+0.8
EGAG	Eagle	9.38	22	Pn	Pn	03 11 18.8	+1.1
PRP	Porcupine Dome	9.40	10	Pn	Pn	03 11 16.2	-1.9
I17K	Unalakleet	9.43	328	Pn	Pn	03 11 16.6	-1.8
H21K	Melozitina Riv	9.50	351	Pn	Pn	03 11 19.0	-0.4
G2M	Nakina	9.67	67	Pn	Pn	03 11 24.5	+0.9
H24K	Noodor Dome	9.56	4	Pn	Pn	03 11 21.6	+1.3
K29M	Barlow Dome	9.56	33	Pn	Pn	03 11 20.9	+0.6
J14K	Nanvaranlak	9.63	318	Pn	Pn	03 11 21.5	+0.3
K13K	Kusivak Mount	9.63	314	Pn	Pn	03 11 21.7	+0.6
N32M	Quluit Lake	9.74	52	Pn	Pn	03 11 22.7	+0.1
H18K	Honchos Riv	9.93	36	Pn	Pn	03 11 24.5	+0.2
IMAR	Indian Mountai	9.90	350	Pn	Pn	03 11 25.1	+0.2
H17K	Granite Mount	10.04	333	Pn	Pn	03 11 25.9	-0.8
S34M	Telegraph Cree	10.05	73	Pn	Pn	03 11 26.1	-0.8
FARO	Faro, Yukon	10.09	48	Pn	Pn	03 11 28.1	+0.7
UNV	Unalaska Valle	10.13	270	Pn	Pn	03 11 27.0	-0.9
I28M	Miner Creek	10.23	3	Pn	Pn	03 11 20.4	+1.1
DIB	Dawson Inlet,	10.26	101	Pn	Pn	03 11 29.9	+0.1
R33M	Jennings River	10.27	65	Pn	Pn	03 11 28.8	-1.3
G21K	Allakaket	10.40	351	Pn	Pn	03 11 32.3	+0.6
G23K	Bananza Creek	10.42	359	Pn	Pn	03 11 32.5	+0.6
G24K	Hadweenic Riv	10.43	17	Pn	Pn	03 11 34.9	+1.7
FYU	Fort Yukon	10.45	9	Pn	Pn	03 11 33.7	+1.3
J30M	Hart River	10.46	32	Pn	Pn	03 11 34.5	+1.9
T35M	Bob Quinn	10.55	79	Pn	Pn	03 11 34.1	+0.3
DLBC	Dease Lake	10.65	71	Pn	Pn	03 11 35.1	-0.1
DLBC	Dease Lake	10.65	71	Pn	Pn	03 11 34.9	-0.3
DLBC	comp=N,0.4nm,0.3s,baz=267,slow=13,SNR=6.4			Sn	Sn	03 13 30.4	-0.4
DLBC	comp=N,0.1nm,0.3s,baz=134,slow=18,SNR=0.9						
I30M	Mount Dempster	10.92	30	Pn	Pn	03 11 41.1	+2.2
RUBB	Prince Rupert	11.08	92	Pn	Pn	03 11 41.3	+0.3
F21K	Alatna River	11.09	352	Pn	Pn	03 11 41.9	+0.7
G27K	Doyon Strip	11.12	16	Pn	Pn	03 11 43.0	+1.4
H29M	Whitstone	11.22	23	Pn	Pn	03 11 44.5	+1.7
F24K	Squaw Lake	11.24	21	Pn	Pn	03 11 44.7	+1.4
F19K	Shaleokik Mo	11.34	343	Pn	Pn	03 11 44.3	+1.0
BMAR	Burnt Mountain	11.36	9	Pn	Pn	03 11 44.9	+0.1
F25K	Christian Riv	11.43	7	Pn	Pn	03 11 45.9	+0.1
F26K	Sheenjek Riv	11.65	10	Pn	Pn	03 11 50.1	+1.3
E19K	Redstone River	11.74	345	Pn	Pn	03 11 51.2	+1.2
E23K	Chandalar Riv	11.75	49	Pn	Pn	03 11 45.9	+1.7
G29M	Pine Creek	11.88	22	Pn	Pn	03 11 52.0	+0.1
H31M	Peel River	11.93	31	Pn	Pn	03 11 53.9	+1.3
E18K	Tukpahlearik C	12.29	339	Pn	Pn	03 11 58.9	+1.5
D23K	Nanushuk River	12.69	358	Pn	Pn	03 12 04.7	+1.8
G31M	Satah River	12.77	28	Pn	Pn	03 12 03.9	-0.1
BBB	Bella Bella	13.05	100	LR	LR	03 15 39.4	
E29M	Blow River	13.18	19	Pn	Pn	03 12 07.1	-2.5
INK	Inuvik	14.02	25	Pn	Pn	03 12 22.4	+1.3
INK	Inuvik	14.02	25	Pn	Pn	03 12 22.9	+1.8
INK	comp=N,0.14nm,0.8s,baz=176,slow=13,SNR=5.4						
INK	comp=N,0.2nm,0.8s						
ADK	Adak	16.56	266	Pn	Pn	03 12 57.5	+2.7
ADK	comp=Z,24nm,1.1s			Iamb	Iamb	03 13 00.1	
YKA	Yellowknife Ar	18.56	56	P	P	03 13 19.0	-0.2
YKA	Yellowknife Ar	18.56	56	P	P	03 13 19.9	+0.6
YKA	comp=Z,2.5nm,1.1s,SNR=10.0			LR	LR	03 20 15.7	
A36M	Sachs Harbour	18.65	23	P	P	03 13 19.6	-0.6
NEW	Newport	21.15	95	LR	LR	03 20 43.4	
SHEM	Shemya Is, Ala	21.33	276	LR	LR	03 22 46.2	
K02D	Williamette Mer	21.40	119	P	P	03 13 49.5	-0.9
K02D	comp=Z,8.9nm,1.1s			Iamb	Iamb	03 13 52.2	
HUMO	Hull Mountain	21.81	118	P	P	03 13 54.2	-0.6
YBH	Yreka Blue Hor	22.59	119	LR	LR	03 20 37.0	
ELK	Elko	27.10	111	LR	LR	03 23 42.7	
ELK	comp=Z,1.14nm,18.3s,baz=310,slow=33						
NVAR	Mina Array Bea	27.29	118	P	P	03 14 47.9	+0.5
NVAR	comp=Z,0.8nm,0.8s,baz=310,slow=9.5,SNR=4.6						
NVAR	comp=Z,1.40nm,18.0s,baz=274,slow=32						
RES	Resolute Bay	27.54	28	LR	LR	03 26 20.0	
RES	comp=Z,8.7nm,18.5s,baz=352,slow=38						

PDAR	Pinedale Array	28.73	101	LR	LR	03 24 27.2	
PDAR	comp=Z,4.7nm,18.8s,baz=248,slow=32						
PETK	Petrovavolksk-	30.11	286	LR	LR	03 27 52.5	
PETK	comp=Z,32nm,18.0s,baz=85,slow=36						
MA2	MA2	30.98	301	LR	LR	03 27 50.1	
MA2	comp=Z,10.2nm,18.1s,baz=47,slow=38						
PFO	Pinyon Flats O	32.03	321	LR	LR	03 25 52.2	
PFO	comp=Z,121nm,19.0s,baz=121,slow=32						
ALMQ	Albuquerque	36.04	108	LR	LR	03 29 04.9	
ALMQ	comp=Z,78nm,19.2s,baz=166,slow=34						
FRB	Frisher Bay	38.43	45	LR	LR	03 32 24.0	
FRB	comp=Z,137nm,19.2s,baz=290,slow=36						
YAK	Yakutsk	39.30	313	LR	LR	03 33 21.1	
YAK	comp=Z,0.9nm,18.6s,baz=84,slow=35						
SFJD	Kangerlussuaq	43.08	35	LR	LR	03 35 36.9	
SFJD	comp=Z,64nm,18.1s,baz=268,slow=37						
KLR	Kul'duk	45.76	296	LR	LR	03 37 10.0	
KLR	comp=Z,37nm,20.2s,baz=192,slow=37						
NRI	Noroyk	48.03	336	LR	LR	03 40 15.0	
NRI	comp=Z,96nm,18.1s,baz=236,slow=39						
H11N2	WAKE ISLAND Hy	48.86	240	T	T	04 10 57.0	
H11N2	comp=Z,29nm,19.7s,baz=264,slow=36						
H11N1	WAKE ISLAND Hy	48.86	240	T	T	04 10 57.0	
H11N1	comp=Z,29nm,19.7s,baz=264,slow=36						
JM1C	Jan Mayen	49.98	16	LR	LR	03 40 41.6	
JM1C	comp=Z,24nm,19.7s,baz=264,						

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KURSB, ABKAR, D16K, etc.

IPEC 16 03:46:29.0.2.51:58N:16:21E, h1km, ML2.4/4, Error ellipse: s-maj=1.6km s-min=1.1km az=47.0

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KSP, CHVC, OSTC, etc.

ICDC 16 04:30:13.8.1.2, 16:46N:98:38W, h0km, mb4.3/10, mbtmp4.3/15, ML3.8/5, MS3.8/33, Error ellipse: s-maj=31.0km s-min=15.3km az=43.0

MEX 16 04:30:13.8.0.7, 16:01N:98:71W, h17km, 26km, MD4.8

NEIC 16 04:30:14.2.1.7, 16:24N:0:05:98:44W, 0:04, h1.0km, 1km, mb4.7/380, MD4.8/166(MEX), Error ellipse: s-maj=9.9km s-min=2.9km az=213.0

ISC 16 04:30:10.7.1.4, 16:11N:0:04:98:64W, 0:02, h2km, 8km, n716, e1990/685, mb4.7/141, MS3.8/30, Near coast of Guerrero

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PNIG, CRIG, YOSONDUA, etc.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PBVM, CTVM, AZCAPOTZALCO, etc.

RPN	Rapa Nui	44.22 194	LR	LR	04 52 21.0
SCHO	Schefferville	45.77 25	P	P	04 38 33.7 +0.1
SCHO	Schefferville	45.77 25	P	P	04 38 34.2 +0.6
SCHO	comp=Z,20nm,1.0s,baz=236,slow=6,SNR=12				
MDP	Montagnes des	46.41 98	LR	LR	04 58 11.6
V35K	Ketchikan	46.60 335	P	P	04 38 40.7 +0.7
TOAD	Toad River Com	46.97 341	P	P	04 38 44.4 +1.4
T35M	Bob Quinn	47.24 337	P	P	04 38 47.1 +2.0
CRAG	Craig	47.32 334	P	P	04 38 47.3 +1.6
KOTAN	Kotaneleele Air	47.68 343	P	P	04 38 49.8 +1.3
YKA	Yellowknife Ar	47.68 350	P	P	04 38 48.9 +0.5
U33K	Whale Pass	47.76 335	P	P	04 38 50.7 +1.6
TAOE	Nuku Hiva Isla	48.00 242	eLR	LR	04 52 28.2
TAOE	Nuku Hiva Isla	48.00 242	eT	T	05 30 09.6
DLBC	Dease Lake	48.23 338	P	IAMB	04 38 55.1 +2.3
DLBC	DLBC				04 38 57.0
DLBC	Dease Lake	48.23 338	LR	LR	04 58 37.3
DLBC	Dease Lake	48.23 338	P	P	04 38 54.6 +1.8
S34M	Telegraph Cree	48.24 337	P	P	04 38 54.7 +1.8
WTLY	Watson Lake, Y	49.09 341	P	IAMB	04 39 01.7 +2.4
WTLY	WTLY				04 39 02.7
WTLY	Watson Lake, Y	49.09 341	P	P	04 39 01.6 +2.2
S32K	Killisnoo	49.27 335	P	P	04 39 03.2 +2.6
R33M	Jennings River	49.27 339	P	IAMB	04 39 03.2 +2.3
R33M	Jennings River	49.27 339	P	P	04 39 04.8
R33M	Jennings River	49.27 339	P	P	04 39 02.6 +1.7
Q32M	Nakina River	49.41 338	P	P	04 39 04.0 +1.9
R32K	Eaglecrest	49.78 336	P	P	04 39 06.8 +2.1
TGNT	Hyland Airport	50.03 342	P	P	04 39 08.3 +1.8
P32M	Atlin	50.39 338	P	P	04 39 11.2 +1.9
P32M	Atlin	50.39 338	P	P	04 39 10.9 +1.6
P33M	Teslin, Yukon	50.51 339	P	P	04 39 11.6 +1.4
P33M	Teslin, Yukon	50.51 339	P	P	04 39 11.4 +1.2
N32M	Quiet Lake	51.27 339	IAMB	IAMB	04 39 20.2
N32M	Quiet Lake	51.27 339	P	P	04 39 17.8 +1.9
PLBC	Pleasant Camp	51.29 336	P	P	04 39 17.8 +1.8
WHY	Whitehorse	51.55 338	P	P	04 39 19.7 +1.6
FRB	Frobisher Bay	51.91 16	LR	LR	05 01 50.0
P29M	Windy Craggy	51.94 336	P	P	04 39 22.6 +1.7
P30M	Million Dollar	51.95 337	P	P	04 39 22.9 +1.8
O30N	Mendenhall	52.06 338	P	P	04 39 23.9 +2.0
O30N	Mendenhall	52.06 338	P	P	04 39 23.7 +1.9
N31M	Braeburn, Yuko	52.44 339	P	IAMB	04 39 27.4 +2.7
N31M	N31M				04 39 29.7
N31M	Braeburn, Yuko	52.44 339	P	P	04 39 26.1 +1.5
M31M	Drury Creek, Y	52.46 340	P	P	04 39 26.8 +2.0
M31M	Drury Creek, Y	52.46 340	P	P	04 39 25.9 +1.2
PNL	Peninsula	52.62 335	P	P	04 39 27.7 +1.7
HYT	Haines Junctio	52.62 337	P	P	04 39 27.2 +1.2
HYT	Haines Junctio	52.62 337	P	P	04 39 27.9 +1.8
O29M	Mount Kennedy	52.69 336	P	P	04 39 27.6 +1.0
O29M	Mount Kennedy	52.69 336	P	P	04 39 28.5 +1.9
H03N2	Juan Fernandez	52.76 159	T	T	05 36 16.7
H03N1	Juan Fernandez	52.75 159	T	T	05 36 17.8
RKT	Rikitea	52.76 223	eLR	LR	04 54 48.9
RKT	Rikitea	52.76 223	eT	T	05 36 04.5
H03N3	Juan Fernandez	52.76 159	T	T	05 36 16.8
N30M	Aishikik Lake	52.88 338	P	P	04 39 29.7 +1.8
N30M	Aishikik Lake	52.88 338	P	P	04 39 29.8 +1.8
YUK6	Outpost Mounta	53.02 337	P	P	04 39 30.5 +1.3
PIN6	Pinnacle	53.22 335	P	P	04 39 31.7 +1.2
PCA	Pinnacle	53.22 335	P	P	04 39 32.7 +2.2
YUK4	Talbot Arm	53.38 337	P	P	04 39 32.7 +0.9
M30M	Minto, Yukon	53.53 339	P	P	04 39 33.2 +0.5
M30M	Minto, Yukon	53.53 339	P	P	04 39 34.0 +1.4
O28M	Mount Upton	53.61 336	P	P	04 39 35.2 +1.6
YUK8	Steele Glacier	53.76 337	P	P	04 39 35.4 +0.7
MESA	MESA	53.95 335	P	P	04 39 36.7 +0.7
M29M	Somme Creek	54.02 338	P	IAMB	04 39 37.6 +1.3
M29M	M29M				04 39 40.1
M29M	Somme Creek	54.02 338	P	P	04 39 36.9 +0.5
CTG	Chitna Glacier	54.17 336	P	P	04 39 39.2 +1.7
YUK3	Moose Creek	54.33 337	P	P	04 39 39.7 +1.0
L29M	L29M	54.34 339	P	P	04 39 40.1 +1.5
K29M	Barlow Dome	54.63 340	P	P	04 39 41.3 +0.6
CRQE	Cirque	54.75 335	P	P	04 39 43.1 +1.5
J30M	Hart River	54.75 341	P	P	04 39 42.4 +0.7
KAIM	Kayak Island	54.84 334	P	P	04 39 43.7 +1.5
H31M	Peel River	55.04 343	P	P	04 39 44.3 +0.7
MCARA	McCarthy VSAT	55.08 336	P	IAMB	04 39 46.0 +2.0
MCARA	McCarthy VSAT	55.08 336	P	IAMB	04 39 48.5
MCARA	McCarthy VSAT	55.08 336	P	P	04 39 44.8 +0.9
VRDI	Verde Repeater	55.16 335	P	P	04 39 47.3 +2.5
M27K	Edge Creek, AK	55.21 337	P	IAMB	04 39 46.9 +1.8
M27K	M27K				04 40 03.2
M27K	Edge Creek, AK	55.21 337	P	P	04 39 46.1 +1.0
M30M	Mount Dempster	55.22 342	P	IAMB	04 39 46.6 +1.6
I30M	I30M				04 39 48.1
I30M	Mount Dempster	55.22 342	P	P	04 39 45.9 +0.8
J29N	Klondike Camp	55.27 340	P	P	04 39 47.3 +2.0
DAWY	Dawson	55.40 340	P	P	04 39 47.7 +1.4
GLB	Gilahina Butte	55.43 336	P	IAMB	04 39 47.4 +0.9
GLB	GLB				04 39 50.7

BMRM	Bremner River	55.48 335	P	P	04 39 47.9 +1.0
BCAR	Beaver Creek A	55.61 338	P	P	04 39 50.4 +2.6
L27K	Beaver Creek	55.62 338	IAMB	IAMB	04 39 51.1
L27K	Beaver Creek	55.62 338	P	P	04 39 49.2 +1.4
M26K	Nabesna, AK	55.66 337	P	P	04 39 49.9 +1.8
M26K	Nabesna, AK	55.66 337	P	P	04 39 49.6 +1.5
EYAK	Cordova Ski Ar	55.73 334	P	P	04 39 50.0 +1.4
N25K	Chitina, Valde	55.83 335	P	IAMB	04 39 52.1 +2.6
N25K	N25K				04 40 16.1
N25K	Chitina, Valde	55.83 335	P	P	04 39 50.3 +0.9
G31M	Satah River	55.85 344	P	P	04 39 50.3 +1.0
F31M	Tsiightchic	56.09 344	P	IAMB	04 39 52.0 +0.9
F31M	F31M				04 39 53.1
F31M	Tsiightchic	56.09 344	P	P	04 39 51.7 +0.6
EPYK	Eagle Plains	56.13 343	P	P	04 39 52.7 +1.3
FID	Port Fidalgo	56.15 334	P	P	04 39 54.2 +2.6
L26K	Log Cabin Wild	56.16 337	P	P	04 39 52.7 +1.0
P23K	Montage Islan	56.16 333	P	P	04 39 53.1 +1.4
K27K	Chicken	56.30 339	P	P	04 39 53.7 +1.1
KLU	Klutina	56.30 335	P	P	04 39 55.9 +3.1
G30M	Aoah Zraii Nji	56.42 343	P	P	04 39 54.2 +0.7
EGAK	Eagle	56.45 340	P	IAMB	04 39 55.1 +1.5
EGAK	EGAK				04 39 55.9
EGAK	Eagle	56.45 340	P	P	04 39 55.3 +1.6
GLI	Glacier Island	56.47 334	P	P	04 39 54.8 +0.9
I28M	Mincer Creek	56.48 341	P	P	04 39 55.5 +1.4
H29M	Whitestone	56.51 342	IAMB	IAMB	04 39 56.6
H29M	Whitestone	56.51 342	P	P	04 39 55.1 +1.0
INK	Inuvik	56.69 345	P	IAMB	04 39 56.5 +1.2
INK	INK				04 39 57.4
INK	Inuvik	56.69 345	LR	LR	05 04 08.9
INK	Inuvik	56.69 345	P	P	04 39 55.5 +0.1
F30M	Barrier River	56.75 344	P	P	04 39 56.2 +0.3
G29M	Pine Creek	56.88 343	P	P	04 39 57.9 +1.1
SCRK	Sand Creek	56.94 338	IAMB	IAMB	04 40 00.5
SCRK	Sand Creek	56.94 338	P	P	04 39 57.9 +0.6
PWL	Port Wells	56.99 334	P	P	04 39 58.6 +1.0
SCM	Sheep Creek Mo	57.05 335	P	P	04 39 59.7 +1.6
J26L	Joseph Creek	57.10 339	IAMB	IAMB	04 40 01.9
J26L	Joseph Creek	57.10 339	P	P	04 39 59.5 +1.0
I27K	Kandik River	57.12 340	P	P	04 39 59.8 +1.3
SEW	Seward	57.12 332	P	P	04 39 59.8 +1.3
RIDG	Independent Ri	57.12 338	P	P	04 39 60.0 +1.4
I26K	Coal Creek Min	57.44 340	IAMB	IAMB	04 40 03.8
I26K	Coal Creek Min	57.44 340	P	P	04 40 02.4 +1.7
SML	Sawmill	57.45 335	P	P	04 40 02.4 +1.5
H27K	Steamboat Moun	57.48 341	P	P	04 40 02.1 +1.0
K24K	Donnelly Dome	57.50 337	P	P	04 40 02.4 +1.2
BRSE	Bradley Lake S	57.53 332	P	P	04 40 03.0 +1.5
KDAK	Kodiak Island	57.59 329	LR	LR	05 03 27.7
KDAK	Kodiak Island	57.59 329	P	P	04 40 03.8 +1.9
WAT6	Susitna Watana	57.60 336	P	P	04 40 03.8 +1.7
PMOR	Portmario Res	57.64 240	eT	T	05 42 32.4
PMR	Palmer	57.68 334	P	P	04 40 04.6 +2.2
DHY	Denali Highway	57.72 336	P	P	04 40 04.0 +1.1
OHAK	Old Harbor	57.73 328	P	P	04 40 04.5 +1.6
Q20K	Shuyak Island	57.83 330	P	P	04 40 04.4 +0.9
E29M	Blow River	57.87 344	P	P	04 40 04.2 +0.5
F28M	Old Crow	57.88 343	P	IAMB	04 40 04.8 +1.0
F28M	F28M				04 40 06.4
F28M	Old Crow	57.88 343	P	P	04 40 04.9 +1.0
G27K	Doyon Strip	57.89 341	P	P	04 40 04.9 +1.0
SII	Sitkinak Islan	57.95 327	P	P	04 40 06.0 +1.6
A36M	Sachs Harbour	58.03 351	P	P	04 40 04.8 +0.1
CAPN	Captain Cook N	58.17 333	P	P	04 40 06.7 +0.8
CPUP	Villa Florida	58.24 136	LR	LR	05 04 41.8
SUA	Susitna One	58.31 334	P	P	04 40 07.4 +0.4
PRP	Porcupine Dome	58.37 339	IAMB	IAMB	04 40 21.8
PRP	Porcupine Dome	58.37 339	P	P	04 40 08.1 +0.7
ILAR	Eielson Array	58.43 338	P	LR	04 40 08.7 +1.0
ILAR	ILAR				05 08 25.5
R18K	Kariuk	58.44 328	P	P	04 40 08.9 +1.0
CHIR	Chirוף Islan	58.45 326	P	P	04 40 08.1 +0.1
E28M	Babbage River	58.46 344	P	P	04 40 07.9 +0.1
O20K	Slope Mountain	58.54 332	P	P	04 40 09.2 +0.6
Q19K	Cape Douglas,	58.55 330	P	P	04 40 08.5 -0.2
G26K	Porcupine River	58.64 341	P	P	04 40 08.6 -0.5
P19K	Oil Pt	58.64 331	P	P	04 40 09.3 0.0
MCK	McKinley	58.66 336	P	P	04 40 08.8 -0.5
SPU	Mount Spurr	58.75 333	IAMB	IAMB	04 40 13.1
E27K	Coleen River	58.75 343	P	P	04 40 10.2 +0.3
POKR	Poker Plat Res	58.82 338	P	P	04 40 10.5 +0.1
N20K	Mount Spurr	58.82 333	P	P	04 40 10.5 -0.1
SKT	Skwentna	58.87 334	P	P	04 40 11.6 +0.7
H25L	Birch Creek	58.90 340	P	P	04 40 11.3 +0.4
BDFB	Brasilila	59.09 120	P	P	04 40 14.8 +1.7
Q18K	Katmai Hardscr	59.11 330	P	P	04 40 11.9 -0.8
NEA2	Nenana	59.14 337	P	P	04 40 12.7 +0.1

F26K	Sheenik River	59.20 342	P	P	04 40 13.4 +0.3
D27M	Malcolm River	59.27 344	P	P	04 40 13.4 -0.1
G25K	Beaman Lake	59.27 340	P	P	04 40 13.8 +0.3
H24K	Noodor Dome	59.36 339	IAMB	IAMB	04 40 16.8
H24K	Noodor Dome	59.36 339	P	P	04 40 14.9 +0.7
Q17K	Contact Creek	59.41 329	P	P	04 40 14.7 0.0
R17L	Mt. Peik Vol	59.43 328	P	P	04 40 15.4 +0.6
P18K	Big Mountain,	59.49 330	P	P	04 40 15.8 +0.7
M20K	Styx River	59.51 333	P	P	04 40 15.2 -0.2
I23K	Minto, Yukon-K	59.53 338	IAMB	IAMB	04 40 18.0
I23K	Minto, Yukon-K	59.53 338	P	P	04 40 16.2 +0.9
PPLA	Purkeypile	59.55 335	P	P	04 40 15.6 -0.1
SFJD	Kangerlussuag	59.58 20	LR	LR	05 08 30.7
F25K	Christian River	59.60 341	P	P	04 40 16.6 +0.7
BPAW	Bear Paw Mtn.				

I23K	Minto, Yukon-K	122.13	30	P	PKPdf	05 15 18.8	-0.2
GLI	Glacier Island	122.15	35	P	PKPdf	05 15 19.1	-0.2
Q2K	Middleton Is	122.16	37	P	PKPdf	05 15 19.1	-0.1
UPC	Uplie	122.18	312	AMS	AMS	06 11 50.0	
H23K	Yukon River	122.20	29	P	PKPdf	05 15 19.0	-0.3
G23K	Bananza Creek	122.21	28	P	PKPdf	05 15 19.2	-0.1
ARCES	ARCES Array B	122.23	335	PKP	PKPdf	05 15 18.6	-0.5
WAT6	Susitna Watana	122.25	33	P	PKPdf	05 15 19.3	-0.3
COLD	Coldfoot	122.25	27	P	PKIKP	05 15 19.5	+0.1
SCM	Sheep Creek Mo	122.26	34	P	PKIKP	05 15 19.9	+0.2
D3Y	Nanushuk River	122.24	25	P	PKIKP	05 15 20.0	+0.2
DH7	Denali Highway	122.52	32	P	PKIKP	05 15 20.5	+0.2
MOA	Molin	122.52	309	ePKP	PKPdf	05 15 18.6	-1.7
MYKA	Terra Mystica	122.57	307	ePKP	PKPdf	05 15 19.7	-0.9
C23K	Iklikil River	122.63	24	P	PKIKP	05 15 20.7	+0.6
E23K	Chanadar	122.64	26	P	PKIKP	05 15 20.7	+0.4
EYAK	Cordova Ski Ar	122.72	36	P	PKIKP	05 15 21.1	+0.6
CKRO	Cesky Krumlov	122.77	310	AMS	AMS	06 09 30.0	
TOLK	Toolik Lake Re	122.77	26	P	PKIKP	05 15 20.8	+0.3
GOPC	GO Pecny, Ondr	122.77	311	AMS	AMS	06 11 20.0	
KLU	Klutina	122.84	35	P	PKPdf	05 15 20.7	+0.1
M24K	Tolsona, Glenn	122.85	34	P	PKPdf	05 15 20.7	0.0
H24K	Noodor Dome	122.88	29	P	PKPdf	05 15 20.7	+0.1
BIOA	Bad Ischl, Aus	122.88	308	ePKP	PKPdf	05 15 19.7	-1.4
KBA	Koelnbrunnen	122.89	308	ePKP	PKPdf	05 15 20.2	-1.1
POKR	Poker Plat Res	122.92	30	P	PKPdf	05 15 20.7	0.0
PRU	Pruhonce	122.94	311	AMS	AMS	06 11 20.0	
HDA	Harding Lake	122.98	31	P	PKIKP	05 15 21.1	+0.2
PRA	Prague	123.03	311	AMS	AMS	06 09 40.0	
E24K	Your Creek	123.06	27	P	PKIKP	05 15 21.0	-0.1
PVCC	Panska Ves	123.07	312	AMS	AMS	06 11 30.0	
ILAR	Eielson Array	123.08	31	PKP	PKPdf	05 15 19.4	-1.6
ILAR	comp-Z, 1.7nm, 1.1s, baz=242, slow=7.4, SNR=6.6			PP	PP	05 17 01.1	+0.2
ILAR	comp-Z, 1.7nm, 1.1s, baz=242, slow=7.4, SNR=6.6			PKP	PKP	05 17 01.1	+0.2
D24K	Happy Valley	123.13	25	P	PKIKP	05 15 21.1	-0.1
GERES	GERES Array B	123.10	310	PKP	PKPdf	05 15 20.2	-1.5
F24K	Squaw Lake	123.18	27	P	PKIKP	05 15 22.0	+0.6
G24K	Hadweencz Riv	123.20	28	P	PKIKP	05 15 21.5	+0.2
KAIM	Kayak Island	123.23	37	P	PKIKP	05 15 21.8	+0.3
C24K	Franklin Bluff	123.27	25	P	PKIKP	05 15 21.8	+0.4
KHC	Kasperske Hory	123.32	310	AMS	AMS	06 10 10.0	
KHC	Kasperske Hory	123.32	310	PKP	PKPdf	05 15 21.0	-0.9
ABTA	Abfattersbach	123.35	307	ePKP	PKPdf	05 15 20.8	-1.3
PAX	Paxson	123.35	33	P	PKIKP	05 15 22.3	+0.4
BMRM	Bremner River	123.35	35	P	PKIKP	05 15 21.9	+0.1
K24K	Donnelly Dome	123.37	32	P	PKPdf	05 15 21.5	0.0
HARP	HAARP	123.38	34	P	PKIKP	05 15 21.8	-0.1
LESa	Schwarzeolote	123.43	308	ePKP	PKPdf	05 15 20.5	-1.7
N25K	Chitina, Valde	123.48	35	P	PKPdf	05 15 21.7	-0.2
BRG	Berggiesshubel	123.55	312	ePKP	PKPdf	05 15 22.2	0.0
BRG	Berggiesshubel	123.55	312	ePKP	PKPdf	05 15 22.2	0.0
J25K	Salcha River	123.69	31	P	PKIKP	05 15 22.5	+0.1
G25K	Bearman Lake	123.75	28	P	PKPdf	05 15 21.8	-0.3
RIDG	Independent Ri	123.76	32	P	PKIKP	05 15 22.6	0.0
PRP	Porcupine Dome	123.78	30	P	PKIKP	05 15 22.6	-0.1
H25L	Birch Creek	123.78	29	P	PKIKP	05 15 22.6	+0.2
HSK	Hora Svate Kat	123.79	312	AMS	AMS	06 10 10.0	
BGLC	Bering Glacier	123.83	36	P	PKIKP	05 15 23.0	+0.3
D25K	Kavik River	124.02	25	P	PKIKP	05 15 23.9	-0.1
CRQE	Cirque	124.04	36	P	PKIKP	05 15 23.8	+0.5
F25K	Christian Rive	124.05	27	P	PKIKP	05 15 23.5	+0.4
WTTA	Wattenberg	124.06	308	ePKP	PKPdf	05 15 22.6	-0.9
WATA	Walderalm	124.12	308	ePKP	PKPdf	05 15 22.8	-0.8
SCRK	Sand Creek	124.18	32	P	PKIKP	05 15 24.0	+0.5
MCARA	McCarthy VSAT	124.19	35	P	PKIKP	05 15 23.9	+0.4
CLL	Collm	124.23	313	ePdif	Pdif	05 11 59.0	+1.3
CLL	comp-Z, 8.0nm, 1.3s			PKP	PKP	05 15 22.8	-0.7
CLL	comp-Z, 8.0nm, 1.3s			ePP	PP	05 17 07.0	-2.1
CLL	comp-Z, 8.0nm, 1.3s			e(PPPP)	PP	05 21 30.0	
CLL	comp-Z, 8.0nm, 1.3s			ePS	PS	05 27 07.0	-0.4
CLL	comp-Z, 8.0nm, 1.3s			eSS	SS	05 34 00.0	-1.1
CLL	comp-Z, 8.0nm, 1.3s			eSSS	SSS	05 38 36.0	
CLL	comp-Z, 8.0nm, 1.3s			e(SSSS)	SSS	05 42 40.0	
CLL	comp-N, 200nm, 18.0s			AMS	AMS	06 11 00.0	
CLL	comp-E, 300nm, 20.0s			AMS	AMS	06 12 00.0	
CLL	comp-Z, 400nm, 19.2s			AMS	AMS	06 12 00.0	
CLL	comp-Z, 8.0nm, 1.3s			PKP	PKP	05 15 22.8	-0.7
CLL	comp-Z, 8.0nm, 1.3s			PKP	PKP	05 15 22.8	-0.7
CLL	comp-Z, 400nm, 19.2s			MLR	MLR		
L26K	Log Cabin Wild	124.31	33	P	PKIKP	05 15 23.9	+0.2
SQTA	Sankt Quirin	124.33	307	ePKP	PKPdf	05 15 22.9	-1.1
M26K	Nabesna, AK	124.37	34	P	PKIKP	05 15 23.9	0.0
MOTA	Moosalm	124.44	308	ePKP	PKPdf	05 15 22.8	-1.4
J26L	Joseph Creek	124.44	31	P	PKIKP	05 15 24.3	+0.4
MESA	MESA	124.49	37	P	PKIKP	05 15 24.2	-0.1
C26K	Camden Bay	124.59	25	P	PKIKP	05 15 24.4	+0.4
FETA	Feichten	124.60	307	ePKP	PKPdf	05 15 23.7	-0.8

F26K	Sheenjek River	124.63	27	P	PKIKP	05 15 24.8	+0.6
G26K	Porcupine Rive	124.68	28	P	PKIKP	05 15 24.2	0.0
RETA	Reute	124.70	308	ePKP	PKPdf	05 15 23.5	-1.2
I26K	Coal Creek Min	124.73	30	P	PKIKP	05 15 24.3	-0.1
M27K	Edge Creek, AK	124.88	34	P	PKPdf	05 15 24.7	+0.1
CTG	Chitna Glacier	124.92	36	P	PKPdf	05 15 24.5	-0.3
GRF	Grafenberg Arr	124.95	310	ePKPdf	PKPdf	05 15 25.0	+0.1
C27K	Jago River	124.98	25	P	PKIKP	05 15 24.7	-0.1
L27K	Beaver Creek,	125.00	33	P	PKIKP	05 15 25.0	-0.1
K27K	Chicken	125.02	32	P	PKIKP	05 15 25.0	0.0
DAVA	Damuels	125.23	307	ePKP	PKPdf	05 15 25.0	-0.8
PINM	Pinnacle	125.32	37	P	PKIKP	05 15 25.7	-0.1
I27K	Kandik River	125.40	30	P	PKPdf	05 15 24.9	-0.5
O28M	Mount Upton	125.46	36	P	PKPdf	05 15 25.6	-0.4
YUK3	Moose Creek	125.46	35	P	PKPdf	05 15 25.8	0.0
H27K	Steamboat Moun	125.50	29	P	PKIKP	05 15 26.0	0.0
G27K	Doyon Strip	125.50	28	P	PKIKP	05 15 26.0	+0.1
EGAK	Eagle	125.50	31	P	PKIKP	05 15 26.1	+0.2
E27K	Coleen River	125.63	27	P	PKPdf	05 15 25.6	-0.2
PNL	Peninsula	125.68	37	P	PKPdf	05 15 26.0	-0.1
YUK8	Steele Glacier	125.72	35	P	PKPdf	05 15 25.8	-0.7
D27M	Malcolm River	125.93	25	P	PKIKP	05 15 26.7	-0.1
I28M	Miner Creek	126.08	30	P	PKPdf	05 15 26.8	0.0
O29M	Mount Kennedy	126.18	37	P	PKPdf	05 15 26.2	-1.0
DAWY	Dawson	126.20	32	P	PKPdf	05 15 27.1	+0.1
F28M	Old Crow	126.25	28	P	PKIKP	05 15 27.9	+0.5
YUK4	Talbot Arm	126.27	35	P	PKIKP	05 15 27.7	-0.2
YUK6	Outpost Mounta	126.36	36	P	PKPdf	05 15 27.7	+0.1
E28M	Babbage River	126.42	26	P	PKIKP	05 15 27.5	-0.2
M29M	Somme Creek	126.47	34	P	PKIKP	05 15 28.4	+0.3
P29M	Windy Craggy	126.51	38	P	PKIKP	05 15 28.5	+0.3
L29M	L29M	126.68	33	P	PKIKP	05 15 28.4	-0.1
D28M	Stokes Point	126.72	25	P	PKIKP	05 15 28.4	+0.2
J29N	Klondike Camp	126.74	32	P	PKIKP	05 15 28.8	+0.3
HYT	Haines Junctio	126.76	36	P	PKIKP	05 15 28.6	-0.1
H29M	Whitestone	126.77	29	P	PKIKP	05 15 28.6	+0.2
NOA	NORSAR Array B	126.87	324	PKP	PKPdf	05 15 27.8	-0.5
G29M	Pine Creek	126.94	28	P	PKIKP	05 15 28.8	-0.1
P30M	Million Dollar	126.96	37	P	PKPdf	05 15 28.8	+0.2
K29M	Barlow Dome	127.00	32	P	PKIKP	05 15 29.5	+0.3
E29M	Rio River	127.02	27	P	PKIKP	05 15 28.8	-0.2
N30M	Aishik Lake	127.02	35	P	PKIKP	05 15 29.2	+0.1
S31K	Pelican	127.09	40	P	PKIKP	05 15 29.0	-0.2
PLBC	Pleasant Camp	127.19	38	P	PKIKP	05 15 29.5	+0.1
M30M	Minto, Yukon	127.25	34	P	PKIKP	05 15 29.9	+0.3
EPYK	Eagle Plains	127.25	29	P	PKPdf	05 15 29.4	+0.2
O30N	Mendenhall	127.45	36	P	PKIKP	05 15 30.1	+0.1
SIT	Sitka	127.46	41	P	PKIKP	05 15 30.3	+0.3
I30M	Mount Dempster	127.56	31	P	PKPdf	05 15 29.7	0.0
J30M	Hart River	127.56	31	P	PKPdf	05 15 29.9	+0.2
G30M	Aoh Zraii Nji	127.65	28	P	PKIKP	05 15 30.1	-0.2
N31M	Braeburn, Yuko	127.65	35	P	PKIKP	05 15 31.0	+0.6
SKAG	Skagway	127.71	38	P	PKIKP	05 15 30.5	+0.1
F30M	Barrier River	127.81	28	P	PKIKP	05 15 30.3	-0.2
S32K	Killisnoo	127.91	41	P	PKIKP	05 15 31.0	+0.1
R32K	Eaglecrest	128.03	39	P	PKIKP	05 15 31.4	+0.2
WHY	Whitehorse	128.03	36	P	PKIKP	05 15 31.0	-0.2
WLF	Waldenberg	128.16	309	ePKPdf	PKPdf	05 15 31.2	+0.1
WDB	Brasilija	128.25	199	PKP	PKPdf	05 15 31.7	-0.9
BTNL	Tenali	128.34	311	ePKP	PKP	05 15 31.9	-0.2
M31M	Drury Creek, Y	128.35	34	P	PKIKP	05 15 31.6	-0.1
BHOU	Houveznegz	128.38	310	ePKP	PKP	05 15 32.0	-0.2
H31M	Peel River	128.41	30	P	PKIKP	05 15 31.5	-0.3
G31M	Satah River	128.42	28	P	PKPdf	05 15 31.3	+0.3
MEM	Membach	128.42	311	ePKP	PKP	05 15 31.7	+0.2
CRAG	Craig	128.50	43	P	PKIKP	05 15 32.4	+0.2
P32M	Atlin	128.54	38	P	PKPdf	05 15 31.9	+0.3
U33K	Whale Pass	128.57	42	P	PKIKP	05 15 32.5	+0.2
F31M	Tsigehtchic	128.60	28	P	PKIKP	05 15 32.4	+0.4
INK	Inuvik	128.64	27	P	PKPdf	05 15 31.5	+0.1
BSTI	Sart Tilman	128.69	310	ePKP	PKP	05 15 32.4	+0.3
BCLA	Clavier	128.83	310	ePKPdf	PKP	05 15 32.5	+0.1
FARO	Faro, Yukon	128.84	34	P	PKIKP	05 15 32.9	+0.1
N32M	Quiet Lake	128.93	36	P	PKIKP	05 15 32.9	0.0
BGES	Gesves	128.96	310	ePKP	PKP	05 15 32.7	+0.1
P33M	Teslin, Yukon	129.03	37	P	PKIKP	05 15 33.2	0.0
BMRD	Mareodus	129.15	310	ePKP	PKP		

COEN	Coen	40.61 106	P	P	07 02 07.1 -1.3
COEN	Coen	40.61 106	P	P	07 02 07.1 -1.3
LZH	Lanzhou	40.76 1	P	pP	07 02 09.9 +0.5
LZH	Lanzhou		pP	pmax	07 02 23.5 -0.4
BBOO	Buckleboo	41.53 136	P	P	07 02 16.0 +0.4
BBOO	Buckleboo	41.53 136	P	P	07 02 15.8 +0.2
MTSU	Mount Sunrise	42.48 112	P	P	07 02 24.1 +0.4
TIA	Taian	42.98 17	P	P	07 02 26.4 +0.9
TIA	Taian		PcP	pmax	07 04 18.1 +1.1
HNS	HongShan	43.46 14	P	P	07 02 31.3 +0.1
HNS	HongShan		pmax	pmax	
HTT	Hallett	43.87 135	P	P	07 02 35.0 +0.3
PMG	Port Moresby	44.05 98	P	P	07 02 35.7 -0.6
PMG	Port Moresby		IAmb	IAmb	07 02 41.5
PMG	Port Moresby	44.05 98	P	P	07 02 35.6 -0.7
GTA	Gaotai	44.17 356	P	P	07 02 37.1 +0.1
GTA	Gaotai		pmax	pmax	
CTA	Charters Tower	44.71 114	P	P	07 02 42.0 +0.4
CTA	Charters Tower	44.71 114	LR	LR	07 02 57.9
CTAO	Charters Tower	44.71 114	P	P	07 02 42.2 +0.6
CTAO	Charters Tower	44.71 114	P	P	07 02 42.0 +0.4
QLP	Quilpie	44.90 123	P	P	07 02 44.0 +1.0
STKA	Stephens Creek	45.03 131	P	P	07 02 44.9 +1.0
STKA	Stephens Creek	45.03 131	P	P	07 02 44.8 +0.9
STKA	Stephens Creek	45.03 131	P	P	07 02 45.0 +1.0
STKA	Stephens Creek		PcP	PcP	07 04 24.7 +0.6
GUMO	Guam	45.46 66	P	P	07 02 45.7 -1.8
GUMO	Guam	45.46 66	LR	LR	07 02 51.7
BTO	Baotou	45.73 7	eP	pP	07 02 50.3 +1.0
BTO	Baotou		sP	sP	07 03 11.5 +1.0
BTO	Baotou		pmax	pmax	07 09 30.3 +1.6
BTO	Baotou		pmax	pmax	
BTO	Baotou		LR	LR	
BTO	Baotou		LR	LR	
JNU	Nakatsue	46.13 33	P	IAmb	07 02 51.9 -0.7
JNU	Nakatsue		IAmb	IAmb	07 02 55.0
HHC	Hu-ho-hao-te	46.19 9	eP	LR	07 02 53.3 +0.3
HHC	Hu-ho-hao-te		sP	sP	07 03 14.4 +0.3
HHC	Hu-ho-hao-te		pmax	pmax	
HHC	Hu-ho-hao-te		pmax	pmax	
BJT	Baijiatau	46.30 14	P	IAmb	07 02 53.5 -0.3
BJT	Baijiatau		IAmb	IAmb	07 02 54.5
BJI	Beijing	46.33 14	P	P	07 02 53.9 0.0
BJI	Beijing		pmax	pmax	
NIL	Nilore	47.53 326	P	P	07 03 02.9 -0.6
CMSA	Cobar Meteorol	48.00 129	P	P	07 03 07.9 +0.7
KSAR	Kosar Array Be	48.08 27	P	P	07 03 07.6 0.0
KSRS	Korea Array	48.13 27	P	P	07 03 07.3 -0.5
KSRS	Korea Array		PcP	PcP	07 04 33.4 -1.4
KS19	Wonju Array Si	48.12 27	P	IAmb	07 03 07.4 -0.6
KS19	Wonju Array Si		IAmb	IAmb	07 03 09.2
JCJ	Chichijima	49.46 48	LR	LR	07 24 28.7
XLT	XiLinHaoTe	49.98 12	eP	pP	07 03 22.1 -0.1
XLT	XiLinHaoTe		pP	pP	07 03 38.5 +1.5
XLT	XiLinHaoTe		sP	sP	07 03 47.6 +4.2
XLT	XiLinHaoTe		pmax	pmax	
WMO	Urumqi	50.40 346	eP	pP	07 03 25.8 +0.4
WMO	Urumqi		pP	pP	07 03 44.3 -2.2
WMO	Urumqi		pmax	pmax	
KBL	Kabul	50.60 323	P	P	07 03 26.6 -0.6
KSH	Kashi	50.72 333	P	P	07 03 26.8 -1.1
KSH	Kashi		pP	pP	07 03 41.8 -0.9
KSH	Kashi		pmax	pmax	
WUS	Wushi	50.75 337	P	P	07 03 28.0 -0.2
INU	Inuyama	51.23 36	P	P	07 03 32.2 +0.6
JHU	Hachio jima 2	51.43 40	LR	LR	07 24 60.0
JHU	Hachio jima 2		LR	LR	
WSAR	Wadi Sarin	51.52 305	LR	LR	07 24 17.0
TARG	Taragay, Kyrgy	51.76 336	IAmb	IAmb	07 03 37.3
CAN	Canberra	52.09 132	P	P	07 03 39.2 +1.0
CAN	Canberra		IAmb	IAmb	07 03 39.8 +1.6
CAN	Canberra	52.09 132	P	P	07 03 40.7 +0.5
CAN	Canberra		IAmb	IAmb	07 03 40.7 +0.5
CN2	Changchun	52.53 20	eP	sP	07 03 39.8 -1.4
CN2	Changchun		sP	sP	07 04 02.4 -0.1
CN2	Changchun		eS	eS	07 11 00.8 -3.0
CN2	Changchun		sS	sS	07 11 27.8 -1.7
CN2	Changchun		pmax	pmax	
CN2	Changchun		LR	LR	
CN2	Changchun		LR	LR	
SOMM	Songrio Array	52.58 3	P	P	07 03 41.9 +0.3
SOMM	Songrio Array	52.58 3	P	P	07 03 41.9 +0.3
SOMM	Songrio Array		PcP	PcP	07 04 50.9 -0.3
SOMM	Songrio Array		LR	LR	07 27 08.0
ULN	Ulaanbaatar	52.65 3	P	IAmb	07 03 42.1 -0.1
ULN	Ulaanbaatar		IAmb	IAmb	07 03 43.8
ULN	Ulaanbaatar	52.65 3	P	P	07 03 42.4 +0.2
ULN	Ulaanbaatar	52.65 3	P	P	07 03 42.0 -0.1
DRK	Karamyk	52.68 330	P	P	07 03 42.5 -0.3
MAJO	Matsushiro	52.75 36	P	IAmb	07 03 40.3 -2.7
MAJO	Matsushiro		IAmb	IAmb	07 03 42.1
MJB9	Matsu-Tunnel	52.75 36	P	IAmb	07 03 42.1
MJB9	Matsu-Tunnel		IAmb	IAmb	07 03 41.8 -1.2
MJAR	Matsushiro Ar	52.75 36	P	PcP	07 04 52.4 +0.4
MJAR	Matsushiro Ar		PcP	PcP	
MJAR	Matsushiro Ar		LR	LR	07 03 46.9
GAR	Garm	53.08 328	IAmb	IAmb	07 03 45.9
BOOM	Boomskeye ush	53.15 335	P	IAmb	07 03 45.2 -0.9
BOOM	Boomskeye ush		IAmb	IAmb	07 03 46.7
CHGR	Chuyangaron	53.45 327	P	P	07 03 46.6 -1.6
SIMJ	Simiganj	53.53 327	P	IAmb	07 03 47.3 -1.5
SIMJ	Simiganj		IAmb	IAmb	07 03 48.2

SIMJ	Simiganj	53.53 327	P	P	07 03 47.3 -1.5
SIMJ	Simiganj		PcP	PcP	07 04 56.2 +1.1
Uchtor	Uchtor	53.56 334	P	P	07 03 49.3 -0.1
TKM2	Tokmak 2	53.66 335	P	P	07 03 49.5 -0.2
KBK	Karagaybulak	53.72 335	P	P	07 03 50.6 +0.4
JSD	Sado	53.82 34	IAmb	IAmb	07 03 51.3
AML	Almayashu	53.84 333	P	P	07 03 51.3 0.0
AAK	Ala-Archa	53.90 334	P	P	07 03 51.9 +0.5
AAK	Ala-Archa		LR	LR	07 03 51.5 0.0
AAK	Ala-Archa	53.90 334	LR	LR	07 29 17.7
AAK	Ala-Archa		PcP	PcP	07 03 51.5 0.0
AAK	Ala-Archa		PcP	PcP	07 04 57.4 +1.0
FRU1	Bishkek	53.98 334	P	IAmb	07 03 52.1 +0.1
FRU1	Bishkek		IAmb	IAmb	07 03 52.9
EKS2	Erkin-Say	54.23 334	P	P	07 03 54.1 +0.3
USP	Ospenovka	54.40 335	P	P	07 03 54.5 -0.5
MK31	Makanchi Array	54.62 343	P	IAmb	07 03 55.8 -0.7
MK31	Makanchi Array		IAmb	IAmb	07 03 56.8
MKAR	Makanchi Array	54.62 343	P	P	07 03 55.9 -0.5
MKAR	Makanchi Array		P	P	07 03 55.8 -0.7
MKAR	Makanchi Array		LR	LR	07 31 19.3
MAKZ	Makanchi	54.72 342	P	P	07 03 56.4 -0.8
MAKZ	Makanchi		IAmb	IAmb	07 03 57.4
MAKZ	Makanchi	54.72 342	P	P	07 03 56.4 -0.8
MAKZ	Makanchi		PcP	PcP	07 04 59.2 -0.1
MDJ	Mudanjiang	54.76 23	P	pmax	07 03 56.9 -0.6
MDJ	Mudanjiang		pmax	pmax	
BNX	BinXian	54.90 21	P	pmax	07 03 57.9 -0.6
BNX	BinXian		pmax	pmax	
USA0B	Ussuriysk Arra	55.39 25	P	IAmb	07 04 01.8 -0.3
USA0B	Ussuriysk Arra		IAmb	IAmb	07 04 02.5
USRK	Ussuriysk Ar.	55.39 25	P	P	07 04 01.6 -0.4
USRK	Ussuriysk Ar.		P	P	07 04 01.5 -0.5
USRK	Ussuriysk Ar.		P	P	07 04 06.3 -0.7
USRK	Ussuriysk Ar.		P	P	07 04 06.0 -1.0
HEH	Heihe	56.84 18	eP	pmax	07 04 25.5 -0.7
HEH	Heihe		pmax	pmax	
KURBB	Kurchatov Arr	56.97 332	P	P	07 04 27.8 -0.7
KURBB	Kurchatov Arr		PcP	PcP	07 05 16.1 -0.3
KURBB	Kurchatov Arr		LR	LR	07 32 59.4
KURBB	Kurchatov Arr		P	P	07 34 10.4 +0.3
KURK	Kurchatov	59.22 342	P	P	07 04 28.3 -0.6
KURK	Kurchatov		P	P	07 04 28.1 -0.7
KURK	Kurchatov		PcP	PcP	07 05 16.4 -0.3
ERM	Erino	59.28 34	IAmb	IAmb	07 04 30.3
ERM	Erino		IAmb	IAmb	
H04N2	CROZET ISLANDS	60.33 219	T	T	08 11 05.4
H04N1	CROZET ISLANDS	60.34 219	T	T	08 11 05.8
H04N3	CROZET ISLANDS	60.35 219	T	T	08 11 04.6
ASAJ	Asahikawa	60.39 32	LR	LR	07 31 24.4
JKA	Kamikawa-asahi	60.39 32	P	P	07 04 35.7 -1.4
ZAAO	Zalesovo Array	60.56 348	P	P	07 04 37.1 -0.9
ZALV	Zalesovo Beam	60.56 348	P	P	07 04 37.2 -0.8
ZALV	Zalesovo Beam		LR	LR	07 33 33.8
H04S1	CROZET ISLANDS	60.57 218	T	T	08 11 18.8
H04S3	CROZET ISLANDS	60.58 218	T	T	08 11 17.3
H04S2	CROZET ISLANDS	60.59 218	T	T	08 11 19.7
YSS	Yuzh-Sakhalin	62.42 30	P	P	07 04 50.3 -0.4
RAYN	Rayn	62.72 299	P	P	07 04 52.6 -0.7
DZM	Mont Dzumac	63.62 112	P	P	07 04 59.8 +0.4
DZM	Mont Dzumac		pP	pP	07 04 59.7 +0.4
DZM	Mont Dzumac		pP	pP	07 05 12.7 -1.7
BVAR	Borovoye Array	63.91 339	P	P	07 04 59.5 -1.0
BVAR	Borovoye Array		PcP	PcP	07 05 34.8 -0.9
BVAR	Borovoye Array		LR	LR	07 36 48.1
FURI	Furi	65.54 282	LR	LR	07 29 12.5
ABKAR	Abkulk array	65.58 331	P	P	07 05 10.8 -0.7
ABKAR	Abkulk array		P	P	07 05 10.5 -1.0
KMBO	Kilima Mbogo	65.71 271	P	P	07 05 15.6 +2.2
DRV	Dumont 0.3v3	66.77 165	P	pP	07 05 19.1 +0.3
DRV	Dumont 0.3v3		pP	pP	07 05 32.3 -1.4
MAW	Mawson	68.27 195	LR	LR	07 29 18.4
GNI	Garni	69.65 316	P	P	07 05 36.9 -0.6
YAK	Yakutsk	69.81 13	P	LR	07 05 37.1 -0.7
YAK	Yakutsk		LR	LR	07 37 38.9
CCD	Concordia, Ant	71.14 175	P	pP	07 05 47.7 +1.4
CCD	Concordia, Ant		pP	pP	07 06 00.8 -0.5
KBZ	Khabaz	72.42 319	P	P	07 05 54.3 +0.4
EIL	Eilat	73.56 303	LR	LR	07 37 25.2
PETK	Petropavlovsk-	73.77 31	P	P	07 05 59.8 -2.0
PETK	Petropavlovsk-		LR	LR	07 41 29.6
GAZ	Gaziantep	73.98 311	IAmb	IAmb	07 06 05.5
MMAI	Mount Meron Ar	74.12 306	P	P	07 06 06.5 +2.1
BKZ	Black Stump Ft	74.16 129	P	IAmb	07 06 04.9 +0.4
BKZ	Black Stump Ft		IAmb	IAmb	07 06 05.5
MA2	Magadan	74.46 23	LR	LR	07 39 25.4
URZ	Urewha	74.54 128	LR	LR	07 40 40.6
NRIK	Noril'sk	74.82 354	IAmb	IAmb	07 06 07.3
NRIK	Noril'sk		IAmb	IAmb	07 06 06.2 -1.4
CSS	Mathiatis	76.32 308	IAmb	IAmb	07 06 18.9
CSS	Mathiatis		P	P	07 06 17.7 +0.8
LBTB	Lobatez	76.52 246	LR	LR	07 33 24.8
BOSA	Boshof	76.90 242	P	P	07 06 21.9 +1.4
BOSA	Boshof		P	P	07 06 21.0 +0.5
BOSA	Boshof		LR	LR	07 33 52.8
KIRS	Kireshir-Merke	77.06 312	P	P	07 06 21.6 +0.4
BR104	Reskin Array S	77.44 312	P	P	07 06 22.9 -0.3
BR131	Reskin Array S	77.44 312	IAmb	IAmb	07 06 23.9

BRTR	Reskin Array B	77.44 312	P	P	07 06 23.2 -0.1
BRTR	Reskin Array B		P	P	07 06 22.9 -0.1
BR105	Reskin Array S	77.46 312	P	P	07 06 22.6 -0.8
BR106	Reskin Array S	77.46 312	P	P	07 06 22.3 -1.1
OBN	Obninsk	80.80 328	P	P	07 06 41.1 +0.1
YLV	Yalova	80.82 312	P	P	07 06 41.5 -0.1
KARP	Karpathos	81.36 307	P	P	07 06 45.3 +0.7
SORM	Soroca	83.44 319	P	P	07 06 55.3 +0.3
SORM	Soroca		IAmb	IAmb	07 06 55.4 -0.6
AK09	Malin Array Si	83.50 322	P		

16d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ANMO Albuquerque, TX31 Lajitas Ar. Si, TXAR Lajitas Array, etc.

2018 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HERR Herculeane, BCLA Clavier, CONA Conrad Observa, etc.

1102

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, WTTA Wattenberg, SQTA Sankt Quirin, etc.

16d 11h

Table with columns: Code, Station Name, Az, Az*, Phase ID, ISC, Time, Res, ISC. Includes stations like YATNC Mamie plateau, ONTNC Owen Toro, CTAR Charters Tower, etc.

NEIC 16 11:37:30.2±0.7, 33°25'N±0.008°116°76'W±0.01, h17km±2km, Error ellipse: s-maj=1.4km s-min=1.2km az=91.0

PAS 16 11:37:30.7±0.7, 33°25'N±0.007°116°75'W±0.010, h14km±3km, ML3.0(207), ML2.8(44)(NEIC), Error ellipse: s-maj=1.2km s-min=1.0km az=126.0, Southern California

Table with columns: Code, Station Name, Az, Az*, Phase ID, ISC, Time, Res, ISC. Includes stations like MATG Mataguay Scout, JUEM Julian Eagle M, etc.

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Table with columns: Code, Station Name, Az, Az*, Phase ID, ISC, Time, Res, ISC. Includes stations like BZNA Buzz No.'s Plaza, BZNA BZNA, FRD Ford Ranch, etc.

CCAC Calif City Air 2.16 331 IAML Pn 11 38 05.7 -0.7

Table with columns: Code, Station Name, Az, Az*, Phase ID, ISC, Time, Res, ISC. Includes stations like ISIA Isabella, LA, etc.

1108

Table with columns: Code, Station Name, Az, Az*, Phase ID, ISC, Time, Res, ISC. Includes stations like GRAC comp=E,11nm,0.9s, IAML, etc.

PRN comp=N,15nm,0.9s 4.37 18 Pn 11 38 36.5 -0.3

X16A Palomares Range 4.57 74 Pn 11 38 39.3 -0.4

U15A North Rim 4.85 48 Pn 11 38 44.4 +0.8

TRN 16 11:40:38.3, 19°15'N-62°79'W, h24km, MD3.9, Far North of Anguilla, Leeward Islands

Table with columns: Code, Station Name, Az, Az*, Phase ID, ISC, Time, Res, ISC. Includes stations like SKI Saint Kitts, ANBD Bethesda, etc.

IDC 16 11:47:55.7±0.9, 65°85'N±22°16'E, h0km, mbtmp2.5/3, ML1.7/3, Error ellipse: s-maj=15.0km s-min=7.4km az=98.0

HEL 16 11:47:57.0±0.6, 65°86'N±21°98'E, h9km, ML2.1, ML2.2(UPT), Confirmed Earthquake

BER 16 11:47:57.1±0.3, 65°88'N±21°97'E, h0km, 5km, ML1.6, ML2.2(UPT), Confirmed Earthquake

UPP 16 11:47:57.2±0.1, 65°86'N±21°98'E, h15km±2km, ML2.2, Confirmed Earthquake

NAO 16 11:47:58.5±3.8, 66°01'N±22°58'E, h6km±24km, ML2.1, ISC 16 11:47:55.6±1.0, 65°84'N±02°22.06'E±0.02, h7km±9km, n58, e1907/108.5D, Sweden

Table with columns: Code, Station Name, Az, Az*, Phase ID, ISC, Time, Res, ISC. Includes stations like KALU Kalix, HARU Harads, LILU Lilltraesk, etc.

16d 13h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like BCAR Beaver Creek A, NVAR Mina Array Bay, NV11 Mina Array Sit, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like SKI Saint Kitts, MBFL Flemmings, Mon, MBWH Willy Bob, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like MSVF Nonsavu, WRA Warramunga Arr, ASAR Alice Springs, etc.

IPEC 16:12:24:02.6:0.2, 51.27N; 19.12E, h0km, ML2.5/7, Error ellipse: s-maj=2.4km, s-min=1.2km, az=134.0, PRU 16:12:24:03.1, 51.25N; 19.12E, h0km, Belchatow, ISC 16:12:24:05.4, 1.3, 51.10N; 0.06; 19.03E; 0.04, h0km, n26, c1505/45, Poland

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like OJC Ojcow, OKC Ostrava-Krasne, ANAC Anensky vrch, MORC Moravsky Berou, etc.

KRNET 16:12:33:42.0, 2.1, 39.63N; 75.04E, h15km, mb2.9, SOME 16:12:33:45.4, 39.78N; 75.03E, h5km, NNC 16:12:33:45.9, 4.9, 39.65N; 75.09E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=35.0km, s-min=23.0km, az=162.0, ISC 16:12:33:42.7, 1.8, 39.68N; 0.08; 75.07E; 0.04, h10km, n32, c172/56, 22C-9D, Southern Xinjiang

2018 SEP

Table with columns: SFK, Sufi-Kurgan, Time, Residual, ISC. Includes stations like SFK Sufi-Kurgan, SALK Salom-Alik, etc.

Table with columns: SFK, Sufi-Kurgan, Time, Residual, ISC. Includes stations like SALK Salom-Alik, NRN Naryn, etc.

Table with columns: SFK, Sufi-Kurgan, Time, Residual, ISC. Includes stations like SALK Salom-Alik, NRN Naryn, etc.

IDC 16:12:53:50.5:2.2, 6.35N; 124.95E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=244.7km, s-min=22.8km, az=65.0, Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

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Table with columns: NOR, Kingsbay, Time, Residual, ISC. Includes stations like NOR Kingsbay, KBS Kingsbay, etc.

SDD 16:13:00:42.7:2.4, 18.77N; 69.66W, h122km, 11km, MD3.9, ML4.0, MW4.1, ISC 16:13:00:38.8:1.4, 18.83N; 0.06; 69.71W; 0.03, h137km, 10km, n30, c186/46, 21C-8D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like SDD Santo Domingo, NADR Nagua, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like SADR Isla Saona, SC01 Santiago de lo, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like SDDR Presa de Saban, SDDR Presa de Saban, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like PAPH Port-au-Prince, AOPR Arceibo Observ, etc.

NEIC 16:13:10:47.3, 17.88S; 177.84W, h580km, Moment Tensor Solution, Duration: 255, Moment tensor: Scale 10^17Nm, Ml=0.88; Mw=0.10; Mw0.9; Mw0.2; Mw0.47; Mw0.9; Fault plane solution: Ml1.36000x10^17 NPT1.086000; 68.84000; A-11.223000; NP2.22941000; 830.32000; A-45.65000; Principal axes: T-1.3103, P13.017000; Azm107.0000; M-1.0100; P16g1.0000; Azm5.0000; P-1.4162; P16g6.0000; Azm239.0000; NEIC 16:13:10:47.3, 18.07S; 177.95W, h580km, BUJ 16:13:10:48.0, 0.0, 17.75S; 177.55W, h565km, mb5.4/69, mb5.2/23, NEIC 16:13:10:48.2, 2.7, 18.08S; 0.09; 177.96W; 0.09, h550km, 5km, mb4.8/429, Mw5.4/12, Error ellipse: s-maj=14.3km, s-min=10.3km, az=138.0, MOS 16:13:10:49.6, 1.0, 17.94S; 178.00W, h574km, mb5.2/24, Error ellipse: s-maj=9.6km, s-min=7.9km, az=132.2, NOU 16:13:10:50.6, 1.8, 18.09S; 177.95W, h573km, ML5.4/164, Fiji Islands Region, IDC 16:13:10:50.6, 0.4, 17.98S; 177.97W, h576km, 4km, mb4.6/26, mbtmp5.6/29, Error ellipse: s-maj=8.9km, s-min=8.6km

16d 13h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Davo City, Bau Bau, Waikabubak, Bulukumba, Marisa, Cape Loeuwin, Bone, Kappang, Kabupaten Dompu, Plampang, Tolitoli, Rapa Nui, Giralia, Mataram, Concordia, Mitsune, Hachijo jima 2, Samarinda, Kuroka, Inuyama, Karangkates, Matsuhiro, Kunigami, Pugerwojo, Sawahan, Monobe, Sado, Adak, Nakatsue, Nakatsue, Shemya Is, Nikolski High, Yonaguni jima, Asahikawa, Karang Pucung, South Pole Qui, Severo-Kuril's, Nacab, Suanglung, Ta-pu, Yehng, Taipei, Bungbiang, Cibinong, and Petropavlovsk.

2018 SEP

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Petropavlovsk, False Pass, Yuzh-Sakhalins, Yuzh-Sakhalins, False Pass, Yuzh-Sakhalins, Sukabumi, Sand Point, Saint George I, Serang, Taejon, Taejon, Korea Array, Korea Array, Korea Array, Korea Array, Pangkal Pinang, San Andreas Ge, Monarch Peak, Big Mountain B, Vladivostok, Mys Shulitsa, Bitter Crk WRG, Kota Agung, Mount Pierce, Mail Ridge, Tymovskoe, Sitikak Island, Pasadena Art C, Ussuriysk Arra, Ussuriysk Arra, Ussuriysk Ar, Cerro Bola, Liwa, Rodgers, Valle De La Tr, Mt. Diablo Mer, Sierra Juarez, Mt. Peulik Vol, Peulik 4, Isabella, Lake, La Rumorosa, Old Harbor, Yuhu Desert, Karliuk, Pinyon Flats O, Pinyon Flats O, Pinon Flats, Contact Creek, Sierra La Lagu, Unkalithiuk R, Nanjing, Kodiak Island, King Salmon, Taniwain Pinang, WAKR Walker, T Lat, Nushagak River, Hat Creek Radi, Mudanjiang, and Kodiak Island.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Mudanjiang, Enggano, Kine Nut, Katina Hardscr, Mekoryuk, Kuskokwak Cree, Yerinov, Kovichak River, Little Huntton, Grapevine Rang, Kokwok River B, Kokwok River B, Dail Lake, Minna Array, Shuyak Island, Cape Douglas, Kwethluk River, Bukit Timah Da, Bukit Timah Da, Big Mountain, Big Mountain, Koligsek Bris, Gornyy, Shuyak Island, Bethel, Kasigluk River, Tonopah, Nishlik Lake, Koktuh Hills, Koktuh Hills, Oil Pt, Oil Pt, Dalian, Kuka Creek, Nushagak Hills, Fort Rock, OR, Timber Creek, Timber Creek, Iliamna Southw, Home, Kusilvak Mount, Detroit Lake, Chanchung, BinXian, Slope Mountain, Ungala Mounta, Pine Mountain, Bradley Lake S, Terrebonne, OR, San Martin Ant, Patro Range, Bonanza Creek, Owhat River, Owhat River, Holitna River, Holitna River, Troy Canyon, Battle Mountain, Amboy, Wuhan, Wolf Creek Mou, ChangSha, Wild Horse Val, Stony River, Seward, Aranakak Lake, Nanvarnak Lake, Donlin, and Magadan.

O22K	Cooper Landing	81.52	14	P	P	13 22 07.3	-0.3
BKNI	Bangkinang	81.61	273	P	P	13 22 11.2	+2.1
BKNI	Bangkinang	81.61	273	P	P	13 22 09.9	+0.8
I07A	Ize	81.63	38	Iamb	Iamb	13 22 11.1	
P23K	Montague Isian	81.64	15	P	P	13 22 08.1	-0.1
N20K	Mount Spurr	81.64	12	P	P	13 22 07.1	-1.2
SPCR	Spurr Chakacha	81.64	12	P	P	13 22 07.3	-1.0
PPSI	Pulau Pagai	81.64	270	P	P	13 22 09.8	+0.5
TIA	Taian	81.72	312	P	P	13 22 09.6	+0.4
TIA					pmax	pmax	
GAMB	Gambell	81.72	3	P	P	13 22 07.9	-0.5
L18K	Granite Mounta	81.77	10	Iamb	Iamb	13 22 10.9	
L18K	Granite Mounta	81.77	10	P	P	13 22 08.9	+0.1
PDSI	Padang	81.78	272	P	P	13 22 09.0	-1.0
Q12A	Willow Creek R	81.82	45	Iamb	Iamb	13 22 12.3	
J08A	Circle Bar Ran	81.83	39	Iamb	Iamb	13 22 12.1	
M19K	Big River Logm	81.87	11	P	P	13 22 09.3	-0.1
LCMT	Little Creek M	81.88	47	Iamb	Iamb	13 22 12.8	
X16A	Lo Mia Camp, P	81.91	50	Iamb	Iamb	13 22 13.6	
BELA	Belgrano 2	81.94	173	P	P	13 22 10.0	+0.4
K17K	Iditarod	81.98	9	Iamb	Iamb	13 22 12.0	
K17K	Iditarod	81.98	9	P	P	13 22 10.3	+0.4
L19K	White Mountain	82.04	11	Iamb	Iamb	13 22 11.9	
L19K	White Mountain	82.04	11	P	P	13 22 09.7	-0.6
RC01	Rabbit Creek A	82.06	13	P	P	13 22 09.7	-0.7
CCUT	Cedar City	82.06	46	Iamb	Iamb	13 22 14.1	
M20K	Styx River	82.08	12	P	P	13 22 09.5	-1.0
PWL	Port Wells	82.17	14	Iamb	Iamb	13 24 37.5	
PWL	Port Wells	82.17	14	P	P	13 22 10.4	-0.5
KNB	Kanab	82.17	47	Iamb	Iamb	13 22 14.5	
SUA	Susitna One	82.18	13	Iamb	Iamb	13 22 11.7	
SUA	Susitna One	82.18	13	P	P	13 22 10.3	-0.8
J16K	Anvik River	82.21	8	Iamb	Iamb	13 22 13.1	
J16K	Anvik River	82.21	8	P	P	13 22 11.3	+0.3
PSUT	Pine Spring	82.22	45	Iamb	Iamb	13 22 14.2	
U15A	North Rim	82.26	48	Iamb	Iamb	13 22 15.3	
KAIM	Kayak Island	82.34	16	P	P	13 22 12.1	+0.3
WUAZ	Wupatki	82.48	49	Iamb	Iamb	13 22 16.7	
GLI	Glacier Island	82.48	15	P	P	13 22 11.7	-0.8
SKT	Skwentna	82.48	12	Iamb	Iamb	13 25 19.4	
SKT	Skwentna	82.48	12	P	P	13 22 11.1	-1.4
L20K	Farewell, AK	82.49	11	P	P	13 22 12.5	0.0
J17K	VABM Dome	82.52	8	Iamb	Iamb	13 22 13.9	
J17K	VABM Dome	82.52	8	P	P	13 22 13.2	+0.6
EYAK	Cordova Ski Ar	82.53	15	P	P	13 22 12.7	0.0
M22K	Willow	82.57	13	Iamb	Iamb	13 22 13.7	
M22K	Willow	82.57	13	P	P	13 22 12.8	-0.1
KNK	Knik Glacier	82.63	14	P	P	13 22 13.1	-0.2
PMR	Palmer	82.64	13	Iamb	Iamb	13 24 45.9	
PMR	Palmer	82.64	13	P	P	13 22 13.3	+0.1
PMR	Palmer	82.64	13	P	P	13 22 13.0	-0.2
PKCU	Pink Cliffs	82.74	47	Iamb	Iamb	13 22 18.3	
DUN6	Lazy B Ranch	82.80	53	Iamb	Iamb	13 22 18.3	
BGLC	Bering Glacier	82.81	17	P	P	13 22 15.3	+1.3
SIT	Sitka	82.84	22	P	P	13 22 14.9	+0.6
BERG	Berg Lake	82.92	16	Iamb	Iamb	13 22 16.3	
J18K	Innoko River	82.94	9	P	P	13 22 15.3	+0.6
U33K	Whale Pass	82.94	23	P	P	13 22 16.1	+1.3
V35K	Ketchikan	82.95	25	P	P	13 22 14.9	+0.1
SISI	Saibi	82.95	271	P	P	13 22 16.3	+0.4
SNH	Sunshine Point	82.98	17	Iamb	Iamb	13 22 16.9	
SML	Samwill	83.01	14	Iamb	Iamb	13 24 38.8	
SML	Samwill	83.01	14	P	P	13 22 15.0	-0.2
HPIG	HPIG	83.09	59	Iamb	Iamb	13 22 19.0	
MTPU	Mount Pierson	83.12	46	Iamb	Iamb	13 22 20.0	
CUT	Chulitna	83.13	13	P	P	13 22 15.5	-0.1
M23K	Glacier View	83.14	14	P	P	13 22 15.4	-0.4
BMRM	Bremner River	83.18	16	P	P	13 22 16.2	+0.2
PPLA	Purkeypile	83.19	12	P	P	13 22 16.4	+0.3
WAX	Waxell Ridge	83.20	17	Iamb	Iamb	13 22 17.8	
S31K	Pelican	83.22	21	P	P	13 22 16.8	+0.7
MESA	MESA	83.23	17	Iamb	Iamb	13 22 18.1	
MESA	MESA	83.23	17	P	P	13 22 17.4	+0.9
SCM	Sheep Creek Mo	83.26	14	P	P	13 22 16.7	+0.2
K20K	Telida	83.27	11	Iamb	Iamb	13 22 17.6	
K20K	Telida	83.27	11	P	P	13 22 16.5	+0.1
KLU	Klutina	83.30	15	P	P	13 22 16.6	0.0
HEH	HeiHe	83.31	328	P	pmax	13 22 17.1	+0.3
HEH					pmax		
H16K	Elim	83.32	7	P	P	13 22 17.2	+0.7
MVU	Marysvalle	83.32	46	Iamb	Iamb	13 22 21.2	
CRQM	Cirque	83.38	16	Iamb	Iamb	13 22 18.5	
CRQE	Cirque	83.39	16	P	P	13 22 17.5	+0.3
S32K	Killsnoo	83.42	22	P	P	13 22 17.1	-0.1
YAH	Yahrtse	83.44	17	Iamb	Iamb	13 22 19.2	
TGL	Tana Glacier	83.47	16	Iamb	Iamb	13 22 18.9	
ISLE	Juniper Island	83.47	17	Iamb	Iamb	13 22 18.9	

G15K	Niukuk	83.48	6	P	P	13 22 17.6	+0.3
PNL	Peninsula	83.55	19	P	P	13 22 19.5	+1.8
PNL	Peninsula	83.55	19	P	P	13 22 18.5	+0.7
J19K	Poorman	83.60	10	P	P	13 22 18.7	+0.8
PINM	Pinnacle	83.65	18	P	P	13 22 18.3	0.0
TABL	Table Mountain	83.67	17	Iamb	Iamb	13 22 20.0	
VRDI	Verde Repeater	83.70	16	Iamb	Iamb	13 22 20.0	
TNA	Tin City	83.72	4	P	P	13 22 19.1	+0.7
N25K	Chitina, Valde	83.72	15	Iamb	Iamb	13 24 47.6	
N25K	Chitina, Valde	83.72	15	P	P	13 22 19.0	+0.3
GRNC	Granite Creek	83.74	17	Iamb	Iamb	13 22 20.4	
F14K	Arctic Creek	83.75	5	P	P	13 22 19.3	+0.6
M24K	Tolsona, Glenn	83.77	14	P	P	13 22 19.2	+0.2
121A	Cookes Peak, D	83.78	53	Iamb	Iamb	13 22 23.0	
121A	Cookes Peak, D	83.78	53	P	P	13 22 21.1	+1.3
GLB	Gilghina Butte	83.78	16	Iamb	Iamb	13 24 55.7	
WAT6	Susitna Watana	83.83	14	P	P	13 22 19.3	0.0
WAT1	Susitna Watana	83.87	13	P	P	13 22 19.1	-0.3
H17K	Mlawson	83.88	200	P	P	13 22 20.4	+1.0
H17K	Granite Mounta	83.89	8	P	P	13 22 19.5	+0.2
MCARA	McCarthy VSAT	83.94	16	Iamb	Iamb	13 22 21.1	
MCARA	McCarthy VSAT	83.94	16	P	P	13 22 20.1	+0.4
HNS	HongShan	83.99	312	P	pmax	13 22 21.3	+0.8
HNS					pmax		
J20K	Nowinta River	84.02	10	Iamb	Iamb	13 22 21.3	
J20K	Nowinta River	84.02	10	P	P	13 22 20.3	+0.3
F10A	Beach Ranch, E	84.03	38	Iamb	Iamb	13 22 22.8	
LOGN	Logan Glacier	84.03	17	Iamb	Iamb	13 22 21.7	
KTH	Kantishna Hill	84.03	12	Iamb	Iamb	13 22 20.2	
P29M	Windy Craggy	84.03	19	Iamb	Iamb	13 22 22.3	
P29M	Windy Craggy	84.03	19	P	P	13 22 21.4	+1.1
ZAIG	Zacatecas	84.04	64	Iamb	Iamb	13 22 25.0	
G16K	Koyuk River	84.04	6	P	P	13 22 20.9	+0.9
G16K	Koyuk River	84.04	6	P	P	13 22 20.1	0.0
SEY	Seymchan	84.04	347	P	P	13 22 20.0	-0.1
SEY	Seymchan	84.04	347	deP	pmax		
CTG	China Glacier	84.05	17	P	P	13 22 21.0	+0.6
CTGM	China Glacier	84.05	17	Iamb	Iamb	13 22 21.8	
R32K	Eaglecrest	84.05	21	P	P	13 22 21.0	+0.7
CHUM	Lake Minchumin	84.07	11	P	P	13 22 19.5	-0.7
GCSA	Galena City Sc	84.12	9	P	P	13 22 21.2	+0.8
F15K	North Star Dit	84.12	5	P	P	13 22 20.5	0.0
O28M	Mount Upton	84.21	18	P	P	13 22 22.0	+0.6
BJI	Beijing	84.24	315	P	pmax	13 22 22.4	+0.7
BJI					pmax		
HARP	HAARP	84.27	15	P	P	13 22 21.8	+0.5
H18K	Honhosa River	84.29	8	P	P	13 22 21.5	+0.1
LYN	Luoyang	84.31	309	P	pmax	13 22 23.1	+1.0
LYN					pmax		
O29M	Mount Kennedy	84.31	18	P	P	13 22 22.4	+0.7
RND	Reindeer	84.32	13	Iamb	Iamb	13 22 22.5	
PLBC	Pleasant Camp	84.34	20	P	P	13 22 22.7	+1.0
G17K	Kiwalik Mounta	84.34	7	P	P	13 22 21.6	0.0
DHY	Denali Highway	84.34	13	Iamb	Iamb	13 22 22.8	
DHY	Denali Highway	84.34	13	P	P	13 22 21.8	-0.1
PSI	Prapat	84.39	275	P	P	13 22 23.4	+0.2
PSI	Prapat	84.39	275	P	P	13 22 22.5	-0.7
TMUT	Trail Mountain	84.39	46	Iamb	Iamb	13 22 25.6	
EPT	El Paso	84.43	54	Iamb	Iamb	13 22 25.8	
BPAW	Bear Paw Mtn	84.51	12	Iamb	Iamb	13 22 23.4	
BPAW	Bear Paw Mtn	84.51	12	P	P	13 22 21.5	-1.0
I20K	Naaghedenee	84.54	10	Iamb	Iamb	13 22 24.1	
I20K	Naaghedenee	84.54	10	P	P	13 22 23.0	+0.5
MCK	McKinley	84.59	12	P	P	13 22 22.5	-0.3
P30M	Million Dollar	84.67	19	P	P	13 22 24.6	+1.3
T35M	Bob Quinn	84.67	24	P	P	13 22 24.7	+1.4
SKAG	Skagway	84.68	20	Iamb	Iamb	13 22 26.0	
SKAG	Skagway	84.68	20	P	P	13 22 25.4	+2.1
SKAG	Skagway	84.68	20	P	P	13 22 24.7	

AAK	Alma-Uta	13.11.30	1.0	PKIKP	PKIKP	13 28 22.0	+0.6
UHL	Ulaho	13.15.30	3.0	P	PKIKP	13 28 24.2	+0.5
KSH	Kashi	13.17.30	3.0	PKP	PKIKP	13 28 24.8	+1.1
TKM2	Tokmak 2	14.06.30	1.0	PKP	PKP	13 28 24.1	-0.6
TKM2	Tokmak 2	14.06.30	3.0	PKIKP	PKP	13 28 23.9	-0.8
KBK	Karagaybulak	14.15.30	3.0	P	PKP	13 28 25.5	-0.1
CHMS	Chumysh	11.49.30	1.0	P	PKP	13 28 25.4	-0.3
SGDS	Sogindiy	11.47.30	1.0	ePKIKP	PKP	13 28 25.2	-0.7
SGDS	Sogindiy	11.47.30	1.0	PKIKP	PKP	13 28 25.1	-0.8
UCH	Uchtor	14.83.30	3.0	P	PKIKP	13 28 26.5	0.0
AAK	Ala-Archa	11.48.30	3.0	P	PKP	13 28 25.6	-0.5
AAK	Ala-Archa	11.48.30	3.0	PKP	PKP	13 28 25.4	-0.7
AAK	Ala-Archa	11.48.30	3.0	PKIKP	PKP	13 28 25.4	-0.8
USP	Ospenovka	14.88.30	1.0	P	PKP	13 28 25.7	-0.4
NEEM	North Greenlan	11.15.11	1.0	P	PKP	13 28 25.8	-0.2
BTLS	Baital	11.25.31	2.0	ePKIKP	PKP	13 28 26.3	-0.4
BTLS	Baital	11.25.31	2.0	PKIKP	PKP	13 28 26.2	-0.4
EKLS	Erkin-Say	11.25.30	3.0	P	PKIKP	13 28 27.7	+0.3
AML	Almayashu	11.54.30	3.0	P	PKP	13 28 27.5	-0.1
BRZS	Berezinki	11.09.31	7.0	ePKIKP	PKP	13 28 27.2	-0.9
BRZS	Berezinki	11.09.31	7.0	ePP	PKP	13 29 42.6	-1.4
BRZS	Berezinki	11.09.31	7.0	PKIKP	PKP	13 28 27.2	-0.9
BRZS	Berezinki	11.09.31	7.0	ePKIKP	PKP	13 29 42.6	-1.4
DZA	Taraz	11.20.30	3.0	ePKIKP	PKP	13 28 29.0	-0.5
DZA	Taraz	11.20.30	3.0	PKIKP	PKP	13 28 29.9	-0.5
BVAO	Borovoye Array	11.28.32	1.0	PKIKP	PKP	13 28 29.9	-0.5
BVAO	Borovoye Array	11.28.32	1.0	PKP	PKP	13 28 29.9	-0.4
BVAR	Borovoye Array	11.27.31	2.0	SKP	SKIKP	13 31 12.8	+1.4
BVAR	Borovoye Array	11.27.31	2.0	SKP	SKIKP	13 31 12.8	+1.4
KK31	Karatay Array	11.70.30	1.0	PKIKP	PKP	13 28 30.7	-0.9
KKAR	Karatay Array	11.70.30	1.0	PKP	PKP	13 28 30.7	-0.9
KKAR	Karatay Array	11.70.30	1.0	PKIKP	PKP	13 28 30.7	-0.9
BRLS	Borolday	11.82.30	1.0	PKIKP	PKP	13 28 32.4	-0.2
BRLS	Borolday	11.82.30	1.0	PKIKP	PKP	13 28 32.4	-0.2
KBL	Kabul	11.79.30	3.0	PKP	PKP	13 28 34.1	0.0
KBL	Kabul	11.79.30	3.0	PKIKP	PKP	13 28 34.1	0.0
SMJ	Smiganj	11.85.30	3.0	PKP	PKP	13 28 33.6	-0.5
DAG	Danmarks Havn	10.32.3	1.0	P	PKP	13 28 34.2	-1.3
BDFB	Brasilia	12.30.12	1.0	PKP	PKP	13 38 46.9	+0.6
SUMG	Summit	12.0.7	13.0	PKP	PKP	13 28 37.0	0.0
SVE	Sverdlovsk	12.04.32	6.0	PKP	PKP	13 28 39.0	-0.3
SVE	Sverdlovsk	12.04.32	6.0	PKP	PKP	13 28 39.0	-0.3
ABPO	Ambohpanom	12.26.33	3.0	PKP	PKP	13 28 41.4	+0.1
ABPO	Ambohpanom	12.26.33	3.0	PKIKP	PKP	13 28 41.4	+0.1
DY2Z	Dy2z	12.41.21	1.0	PKP	PKP	13 28 40.0	0.0
ICSG	Greenland Ices	12.85.17	1.0	PKP	PKP	13 28 40.5	-0.5
ARTI	Arti	12.36.32	6.0	PKIKP	PKP	13 28 41.8	0.0
ARTI	Arti	12.36.32	6.0	PKIKP	PKP	13 30 34.6	0.0
ARTI	Arti	12.36.32	6.0	PKIKP	PKP	13 34 59.2	0.0
ARTI	Arti	12.36.32	6.0	PKIKP	PKP	13 28 43.2	-0.8
AB31	Akbulak array	12.38.31	3.0	PKIKP	PKP	13 28 42.9	-1.1
AB31	Akbulak array	12.38.31	3.0	PKP	PKP	13 28 42.9	-1.1
ARCES	ARCESS Array B	12.56.35	3.0	PKP	PKP	13 28 47.6	0.0
ARCES	ARCESS Array B	12.56.35	3.0	PKP	PKP	13 28 47.5	-0.1
SUR	Sutherland	12.63.20	2.0	PKP	PKP	13 28 49.8	-0.2
BOSA	Boshof	12.48.20	6.0	PKP	PKP	13 28 52.8	+0.1
BOSA	Boshof	12.48.20	6.0	PKP	PKP	13 31 07.8	+2.1
BOSA	Boshof	12.48.20	6.0	PKP	PKP	13 28 55.3	-0.6
BELG	Belogomoye	13.20.32	1.0	PKIKP	PKP	13 28 55.3	-0.6
VALR	Valaam	13.21.41	2.0	PKIKP	PKP	13 28 58.2	-0.3
KEF	Keuruu	13.15.34	4.0	PKP	PKP	13 28 60.0	-0.3
FINES	FINESS Array B	13.37.44	3.0	PKP	PKP	13 29 00.6	-0.3
FINES	FINESS Array B	13.37.44	3.0	PKP	PKP	13 28 44.3	0.0
FINES	FINESS Array B	13.37.44	3.0	PKP	PKP	13 29 00.6	-0.3
FINES	FINESS Array B	13.37.44	3.0	PKP	PKP	13 31 35.2	-0.4
MOS	Moscow	13.30.33	3.0	PKIKP	PKP	13 28 58.5	-3.2
MOS	Moscow	13.30.33	3.0	PKIKP	PKP	13 31 38.5	0.0
VRH	Novokhoporsky	13.48.32	6.0	ePKIKP	PKP	13 28 53.7	0.0
VRH	Novokhoporsky	13.48.32	6.0	ePKIKP	PKP	13 29 04.2	-0.7
OBN	Obninsk	13.46.33	3.0	PKIKP	PKP	13 29 03.1	-0.2
OBN	Obninsk	13.46.33	3.0	PKIKP	PKP	13 31 40.7	0.0
OBN	Obninsk	13.46.33	3.0	PKIKP	PKP	13 34 49.8	0.0
OBN	Obninsk	13.46.33	3.0	PKIKP	PKP	13 29 04.5	-0.8
MEF	Metsahovi	13.45.34	4.0	ePKIKP	PKP	13 29 04.5	-0.8
LPSR	Galich'ya Gora	13.15.32	9.0	ePKIKP	PKP	13 29 03.0	-1.3
LPSR	Galich'ya Gora	13.15.32	9.0	ePKIKP	PKP	13 29 04.5	-0.3
ARB	Arbave	13.5.13	4.0	ePKIKP	PKP	13 29 04.5	-0.3
VORR	Voronozh	13.15.34	8.0	ePKIKP	PKP	13 29 04.9	+0.1
VORR	Voronozh	13.15.34	8.0	ePKIKP	PKP	13 31 45.7	0.0
VORR	Voronozh	13.15.34	8.0	ePKIKP	PKP	13 29 04.5	-0.3
VORR	Voronozh	13.15.34	8.0	ePKIKP	PKP	13 29 04.5	-0.3
VSU	Vasula	13.57.34	2.0	PKIKP	PKP	13 29 04.8	-0.5
VSU	Vasula	13.57.34	2.0	PKIKP	PKP	13 29 04.8	-0.5
VSR	Storozhevo	13.52.32	7.0	ePKIKP	PKP	13 29 02.9	-2.7
VSR	Storozhevo	13.52.32	7.0	ePKIKP	PKP	13 29 02.9	-2.7
NB2	NORSAR	13.59.35	3.0	PKP	PKP	13 28 57.0	0.0
NB2	NORSAR	13.59.35	3.0	PKP	PKP	13 31 48.6	+1.3
NB2	NORSAR	13.59.35	3.0	PKP	PKP	13 28 56.6	0.0
NOA	NORSAR Array B	13.59.35	3.0	PKP	PKP	13 29 06.9	+0.1
NOA	NORSAR Array B	13.59.35	3.0	PKP	PKP	13 31 47.4	+2.0
NOA	NORSAR Array B	13.59.35	3.0	PKP	PKP	13 28 56.6	0.0
NOA	NORSAR Array B	13.59.35	3.0	PKP	PKP	13 29 06.9	+0.1
WIN	Windhoek	13.03.20	1.0	ePKP	PKP	13 28 58.5	0.0
HFS	Hagfors	13.17.35	3.0	PKP	PKP	13 28 58.6	0.0
HFS	Hagfors	13.17.35	3.0	PKP	PKP	13 31 48.6	+1.6
GNI	Garni	13.26.30	1.0	PKIKP	PKP	13 29 07.9	-0.9
KBZ	Khabaz	13.27.31	6.0	PKP	PKP	13 28 58.8	0.0
KBZ	Khabaz	13.27.31	6.0	PKP	PKP	13 31 47.8	0.0
KBZ	Khabaz	13.27.31	6.0	PKP	PKP	13 29 08.1	-0.4
KBZ	Khabaz	13.27.31	6.0	PKP	PKP	13 29 08.1	-0.6
ISAL	Shidzhatmaz	13.32.31	1.0	PKIKP	PKP	13 29 08.4	-0.7
ISAL	Shidzhatmaz	13.32.31	1.0	PKIKP	PKP	13 29 06.6	0.0
IGN	Ignalina	13.50.33	9.0	ePKIKP	PKP	13 29 05.5	-0.8
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 31 20.0	-1.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 32 07.9	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 35 17.1	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 35 25.2	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 40 11.1	+2.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 55 00.6	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 29 08.9	-1.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 31 20.0	-1.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 32 07.9	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 35 17.1	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 35 25.2	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 40 11.1	+2.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 55 00.6	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 29 08.9	-1.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 31 20.0	-1.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 32 07.9	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 35 17.1	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 35 25.2	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 40 11.1	+2.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 55 00.6	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 29 08.9	-1.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 31 20.0	-1.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 32 07.9	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 35 17.1	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 35 25.2	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 40 11.1	+2.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 55 00.6	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 29 08.9	-1.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 31 20.0	-1.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 32 07.9	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 35 17.1	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 35 25.2	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 40 11.1	+2.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 55 00.6	0.0
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 29 08.9	-1.7
MNK	MNK	13.59.33	7.0	PKIKP	PKP	13 31 20.0	-1.7
MNK	MNK	13.59.33	7.0	PKIK			

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KBA, VTS, WATA, RETA, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like AF1, NIUE, NIUE, NIUE, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like IPMB, ITTB, BDFB, BDFB, etc.

16D 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES ARCES Array B, FINES FINES Array B, NNC 16 14:40:43.9, 4.8, 37.20N, 71.16E, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GTOI Gorontalo, LUWI Luwuk, KMSI Cibinong, MRSI Marisa, SANI Sanana, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GTOI Gorontalo, LUWI Luwuk, KMSI Cibinong, MRSI Marisa, SANI Sanana, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VLAKE Lakatoro, DVP Devils Point, RTV Rentapao, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VLAKE Lakatoro, DVP Devils Point, RTV Rentapao, etc.

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2018 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTAO Charters Tower, RMQ Roma, ARMA Armidale, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTAO Charters Tower, RMQ Roma, ARMA Armidale, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTAO Charters Tower, RMQ Roma, ARMA Armidale, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRKA Warakurna, FORT Forrest, FORT Forrest, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRKA Warakurna, FORT Forrest, FORT Forrest, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRKA Warakurna, FORT Forrest, FORT Forrest, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRKA Warakurna, FORT Forrest, FORT Forrest, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRKA Warakurna, FORT Forrest, FORT Forrest, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRKA Warakurna, FORT Forrest, FORT Forrest, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRKA Warakurna, FORT Forrest, FORT Forrest, etc.

Table with columns: Station, Name, Time, Az, El, SNR, etc. Includes stations like USRK, SHEM, KIWB, PET, etc.

Table with columns: Station, Name, Time, Az, El, SNR, etc. Includes stations like ZEA, BTO, BTO, BTO, etc.

Table with columns: Station, Name, Time, Az, El, SNR, etc. Includes stations like YAK, ULN, MAW, J17K, etc.

16d 15h

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Status, etc. Includes stations like KTH, H19K, KLU, etc.

2018 SEP

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Status, etc. Includes stations like ILAR, H23K, YUK8, etc.

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Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Status, etc. Includes stations like F25K, G26K, K29M, etc.

16d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MSFE Esma-Masafi, MZWR Madinat Zayed, ASUD Al Ashush, etc.

NOU 16 15:08:37.6,36.95S:179.03W,h0km,MLv4.5/9,East of North Island, NZ
NEIC 16 15:08:49.2,0.9,37.3S:0.1,179.88E:0.04,h2km,6km,mb4.2/9,Error ellipse: s-maj=20.4km s-min=2.0km az=167.0
IDC 16 15:08:51.5,1.4,36.84S:179.48E,h0km,mb4.0/3,mbmp4.1/4,ML3.9/1,Error ellipse: s-maj=37.5km s-min=30.3km az=44.0
WEL 16 15:08:55.0,0.8,37.5S:177.9E,h12km,M3.9/36,ML4.1/37,MLv3.9/36,Error ellipse: s-maj=0.0km s-min=0.0km az=105.9
ISC 16 15:08:52.4,3.4,37.22S:0.05:179.66E:0.07,h11km,20km,n140,c117/144,mb4.0/8,Off east coast of North Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MYRZ Mayor Island, RRRR Republican Roa, TGRZ Tauranga, OMRZ Omnia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like WRO Warramunga Arr, WB2 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 ISK 16 15:35:13.3,36.08N:31.12E,h12km,ML2.5/16, AFAD 16 15:35:16.9,0.0,36.24N:31.20E,h15km,1km,ML2.5, etc.

IDC 16 15:53:08.9,9.0,6.55S:155.17E,h61km,68km,mb3.6/5,mbmp3.6/6,ML2.6/1,Error ellipse: s-maj=58.8km s-min=31.9km az=72.0
NEIC 16 15:53:08.1,0.7,6.65S:0.1,155.17E:0.07,h54km,9km,mb4.4/9,Error ellipse: s-maj=15.2km s-min=10.6km az=187.0
ISC 16 15:53:07.6,0.8,6.56S:0.09:155.2E:0.1,h56km,n27,c0579/24,mb4.1/9,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, PMG Port Moresby, PMG Port Moresby, etc.

16d 17h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SN05 Snyder 5, SN07 Snyder 07, POST Post, etc.

AFAD 16 16:59:06.3, 0.38, 17N, 26.86E, h7km, 3km, ML2.4
ISK 16 16:59:06.3, 38, 16N, 26.85E, h11km, ML2.9

ATH 16 16:59:06.9, 38, 11N, 26.85E, h14km, 3km, ML2.6/3, Error
ellipse: s-maj=4.9km s-min=1.8km az=263.0

THE 16 16:59:08.5, 38, 15N, 26.81E, h21km, 2km, ML2.5/4, Error
ellipse: s-maj=2.4km s-min=0.6km az=241.0

ISC 16 16:59:06.5, 0.8, 38, 15N, 0.02, 26.85E, 0.02, h12km, 5km,
n42, c061/69, Aegean Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GMLD Gumuldur, DGB zmir, ZEYE zmir, etc.

2018 SEP

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KIRA zmir-Kiraz, ESEN Aydn-Nazilli, SGR SIGRI, etc.

IDC 16 17:03:05.7, 1.2, 55.58S, 28.44W, h0km, mb4.2/3,
mbmp4, 1/4, ML4, 1/1, Error ellipse: s-maj=45.5km

NEIC 16 17:03:10.6, 1.7, 55.64S, 0.07, 28.5W, 0.2, h43km, 9km,
mb4.4/14, Error ellipse: s-maj=16.9km s-min=7.0km

ISC 16 17:03:10.8, 0.7, 55.6S, 0.1, 28.4W, 0.1, h45km, n20,
n19, 0.20, mb4.3/10, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HOPE Hope Point, ORCD Orcadas, SNAAS Sanae, etc.

TEH 16 17:10:56.7, 28, 02N, 56.30E, h8km, 48km, ML3.3
DSN 16 17:10:59.2, 2.5, 27.28N, 57.84E, h15km, ML2.8/7, Error

ellipse: s-maj=42.0km s-min=14.8km az=160.0
OMAN 16 17:11:00.3, 0.1, 27.66N, 56.23E, h10km, mb4.6/3,
m3.1/15, Error ellipse: s-maj=1.4km s-min=0.8km az=27.0

ISC 16 17:10:59.2, 1.5, 27.90N, 0.05, 56.31E, 0.05, h8km, 13km,
n53, c1925/71, Southern Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IBND Bandar-abas, GENO Genoa, KHNJ Kahnoji, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KLNJ Kolanjah, IRAM Al-Ramesh, SHMA Al-Shehemya, etc.

MOS 16 17:28:30.8, 0.7, 54.21N, 167.40E, h25km, mb3.9/1, Error
ellipse: s-maj=11.2km s-min=6.9km az=2.5

IDC 16 17:28:31.9, 1.0, 54.29N, 167.44E, h0km, mb3.7/9,
s-mbj=3.8ML3, ML3, 9/1, MS2, 6/1, Error ellipse:
s-maj=29.5km s-min=22.6km az=153.0

NEIC 16 17:28:31.1, 1.9, 54.5N, 0.2, 167.3E, 0.2, h10km, 2km,
mb4.0/44, Error ellipse: s-maj=33.6km s-min=13.2km
az=157.0

KRSC 16 17:28:32.5, 1.4, 54.18N, 166.76E, h16km, 22km, ML4.3
ISC 16 17:28:31.0, 0.7, 54.30N, 0.06, 167.19E, 0.05, h10km, n127,
c1989/125, mb4.0/24, Komandorski Islands region

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

16d 17h

RDOG	Red Dog Mine	38.34	30	P	P	17 58 48.0	-0.9
M15K	Kasigliuk River	38.41	42	P	P	17 58 49.0	-0.6
E17K	Hotham Inlet	38.56	32	P	P	17 58 50.1	-0.6
ZALV	Zalesovo Beam	38.56	307	P	P	17 58 49.7	-1.2
ZALV	Zalesovo Beam	38.56	307	P	P	17 58 50.9	0.0
ZALV	comp=Z,2.5nm,0.8s,baz=81,slow=9.2,SNR=12			PcP	PcP	18 01 03.4	+0.4
ZALV	comp=Z,0.7nm,0.5s,baz=126,slow=2.0,SNR=2.0			ScP	ScP	18 04 47.6	-0.9
J16K	Anvik River	38.58	38	P	P	17 58 50.8	-0.2
H17K	Unalakleet	38.59	37	P	P	17 58 50.3	-0.7
F17K	Baldwin Pennin	38.67	33	P	P	17 58 51.1	-0.6
N15K	Kwethluk River	38.70	43	P	IAMB	17 58 55.0	+2.9
N15K	comp=Z,1.6nm,0.8s			IAMB	IAMB	17 59 03.1	
N15K	Kwethluk River	38.70	43	P	P	17 58 51.8	-0.3
SDPT	Sand Point	38.74	50	P	P	17 58 52.1	-0.3
G17K	Kiwalik Mouta	38.78	34	P	P	17 58 52.5	-0.2
O15K	Ungalikthiuk R	38.85	44	P	P	17 58 52.5	-0.8
WMQ	Urumqi	38.88	291	eP	pmax	17 58 55.3	+1.4
WMQ	comp=Z,1.2nm,0.6s			LR	LR		
WMQ	comp=Z,360nm,16.7s			LR	LR		
WMQ	comp=Z,450nm,16.7s			LR	LR		
WMQ	comp=Z,310nm,19.9s			LR	LR		
L16K	Owhat River	39.02	40	P	IAMB	17 58 55.1	+0.3
L16K	comp=Z,1.5nm,0.8s			IAMB	IAMB	17 59 04.9	
H17K	Owhat River	39.02	40	P	P	17 58 53.4	-1.3
L16K	Granite Mouta	39.03	35	P	P	17 58 54.4	-0.4
B18K	Kokolik River	39.03	28	P	P	17 58 53.8	-0.9
E18K	Tukpahlearik C	39.09	31	P	P	17 58 54.6	-0.5
C18K	Utukok River	39.09	29	P	P	17 58 54.5	-0.8
S14K	Fog Glacier	39.17	49	P	P	17 58 55.4	-0.7
M16K	Timber Creek	39.26	41	P	P	17 58 55.9	-0.8
J17K	VABM Dome	39.27	38	P	IAMB	17 58 56.3	-0.5
J17K	comp=Z,2.5nm,1.3s			IAMB	IAMB	17 59 07.9	
J17K	VABM Dome	39.27	38	P	P	17 58 55.4	-1.4
CHNA	Chernabura Isl	39.30	51	P	P	17 58 54.6	-2.5
F18K	Selawik	39.33	32	P	P	17 58 54.9	-2.3
N16K	Nishilik Lake	39.36	42	P	P	17 58 55.5	-2.1
A19K	Wainwright	39.47	27	P	P	17 58 56.5	-1.8
L17K	Donlin	39.59	40	P	P	17 58 57.6	-1.9
K17K	Iditarod	39.60	39	P	P	17 58 58.2	-1.3
G18K	Tagagawik	39.65	34	P	IAMB	17 58 59.9	-0.1
G18K	comp=Z,4.1nm,1.6s			IAMB	IAMB	17 59 09.6	
G18K	Tagagawik	39.65	34	P	P	17 58 58.3	-1.6
H18K	Honhosa River	39.70	35	P	P	17 58 59.3	-1.1
O16K	Kokwok River B	39.72	44	P	P	17 58 58.7	-1.9
C19K	Lookout Ridge	39.75	29	P	P	17 58 59.5	-1.3
M17K	Hollita River	40.00	41	P	P	17 59 01.6	-1.2
F19K	Shalercik Mo	40.10	32	P	P	17 59 02.7	-0.9
N17K	Nushagak Hills	40.14	42	P	P	17 59 02.8	-1.2
D19K	Kuna River	40.18	30	P	P	17 59 03.6	-0.7
O17K	Kolliganek Bris	40.22	43	P	P	17 59 03.8	-0.9
GCSA	Galena City Sc	40.31	36	P	P	17 59 05.1	-0.2
G19K	Purcell Mouta	40.31	33	P	P	17 59 03.5	-1.9
J18K	Innoko River	40.34	38	P	P	17 59 04.8	-0.9
L18K	Granite Mouta	40.34	39	P	IAMB	17 59 05.8	0.0
L18K	comp=Z,1.4nm,0.8s			IAMB	IAMB	17 59 16.5	
L18K	Granite Mouta	40.34	39	P	P	17 59 05.2	-0.5
E19K	Redstone River	40.38	31	P	P	17 59 06.1	+0.2
E19K	Redstone River	40.38	31	P	P	17 59 04.9	-1.1
O16K	King Salmon	40.52	45	P	P	17 59 06.4	-0.8
H19K	Roundabout Mou	40.53	34	P	IAMB	17 59 06.9	-0.3
H19K	comp=Z,1.9nm,0.9s			IAMB	IAMB	17 59 16.7	
H19K	Roundabout Mou	40.53	34	P	P	17 59 06.5	-0.7
P17K	Kvichak River	40.59	44	P	P	17 59 05.4	-2.4
B20K	Meade River	40.75	27	P	P	17 59 07.7	-1.2
D20K	Etiyuk River	40.76	29	P	P	17 59 07.0	-2.1
M18K	Stony River	40.77	41	P	P	17 59 07.3	-1.9
N18K	Kilae Creek	40.77	42	P	IAMB	17 59 08.8	-0.7
N18K	comp=Z,3.7nm,1.9s			IAMB	IAMB	17 59 20.3	
N18K	Kilae Creek	40.77	42	P	P	17 59 08.1	-1.2
R17L	Mt. Peulik Vol	40.77	47	P	P	17 59 07.5	-1.9
J19K	Poorman	40.83	37	P	IAMB	17 59 09.9	+0.2
J19K	comp=Z,1.4nm,1.1s			IAMB	IAMB	17 59 19.3	
J19K	Poorman	40.83	37	P	P	17 59 08.2	-1.6
E20K	Nigu River	40.86	30	P	P	17 59 08.4	-1.6
F20K	Avaraart Lake	40.92	32	P	P	17 59 08.9	-1.5
O17K	Contact Creek	40.96	46	P	P	17 59 09.3	-1.7
O18K	Koktuh Hills	41.17	43	P	P	17 59 10.9	-1.7
H20K	Anotleneega Mo	41.18	34	P	P	17 59 10.8	-1.8
P18K	Big Mountain,	41.20	44	P	P	17 59 10.7	-2.1
L19K	White Mountain	41.21	39	P	P	17 59 11.0	-1.9
I20K	Naaghedeneel	41.34	36	P	P	17 59 12.4	-1.4
CRAI	Chiangrai	41.35	250	P	P	17 59 14.9	+0.4
Q18K	Katmai Hardscr	41.38	45	P	P	17 59 13.1	-1.3
CHIR	Chirikof Islan	41.41	49	P	P	17 59 14.2	-0.4
M19K	Big River Lodg	41.44	40	P	P	17 59 14.4	-0.4
N19K	Bonanza Creek	41.46	42	P	P	17 59 14.1	-0.9
C21K	Knifeblade Rid	41.46	29	P	P	17 59 14.7	-0.1
J20K	Nowinta River	41.48	36	P	IAMB	17 59 14.3	-0.7
J20K	comp=Z,1.2nm,0.8s			IAMB	IAMB	17 59 25.1	
J20K	Nowinta River	41.48	36	P	P	17 59 14.5	-0.5

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K20K	Telida	41.53	38	P	P	17 59 15.1	-0.4
B21K	Ikpikpuk River	41.57	28	P	P	17 59 15.0	-0.7
MK31	Makanchi Array	41.64	297	P	P	17 59 15.8	-0.8
MK31	Makanchi Array	41.64	297	eP	P	17 59 16.7	+0.1
MKAR	Makanchi Array	41.64	297	P	P	17 59 15.9	-0.7
MKAR	Makanchi Array	41.64	297	P	P	17 59 16.2	-0.4
MKAR	comp=Z,4.1nm,0.9s,baz=63,slow=9.9,SNR=30			PcP	PcP	18 01 13.4	+0.4
MKAR	comp=Z,0.2nm,0.3s,baz=67,slow=5.9,SNR=1.0			ScP	ScP	18 05 00.0	-0.7
MKAR	comp=Z,1.0nm,0.9s,baz=60,slow=3.2,SNR=5.7			ScP	ScP		
L20K	Farewell, AK	41.65	39	P	P	17 59 15.9	-0.6
IMAR	Indian Mountai	41.66	34	P	P	17 59 16.5	0.0
E21K	Kilik River	41.69	30	P	P	17 59 16.4	-0.4
G21K	Allakaket	41.77	33	P	IAMB	17 59 17.7	+0.2
G21K	comp=Z,2.3nm,1.2s			IAMB	IAMB	17 59 26.9	
G21K	Allakaket	41.77	33	P	P	17 59 16.3	-1.1
R18K	Kariuk	41.80	46	P	P	17 59 17.2	-0.5
F21K	Alatav River	41.81	32	P	P	17 59 16.6	-1.1
MAK2	Makanchi	41.84	297	P	P	17 59 18.3	+0.1
MAK2	Makanchi	41.84	297	P	P	17 59 18.3	+0.1
MAK2	comp=Z,5.0nm,0.7s			pmax	pmax		
M20K	Styx River	42.03	40	P	P	17 59 18.5	-1.2
H21K	Melozitna Rive	42.05	34	P	P	17 59 20.7	+1.0
H21K	Melozitna Rive	42.05	34	P	P	17 59 18.6	-1.1
Q19K	Cape Douglas,	42.05	44	P	P	17 59 18.6	-1.2
B22K	Teshepkuk Lake	42.06	27	P	P	17 59 18.5	-1.1
SII	Sitkinak Islan	42.09	48	P	P	17 59 19.3	-0.9
P19K	Oli Pt	42.18	43	P	P	17 59 19.5	-1.4
D22K	Ayikyak River	42.20	29	P	P	17 59 19.6	-1.2
CHUM	Lake Minchumin	42.30	37	P	P	17 59 19.9	-1.8
F22K	Johi River	42.32	31	P	P	17 59 20.8	-1.1
PPLA	Purkeypile	42.40	38	P	P	17 59 20.5	-2.3
O20K	Slope Mountain	42.44	43	P	P	17 59 21.6	-1.4
OHAK	Old Harbor	42.48	47	P	P	17 59 21.9	-1.3
E22K	Anaktuvuk Pass	42.48	31	P	P	17 59 21.8	-1.4
N20K	Mount Spurr	42.53	41	P	P	17 59 22.0	-1.7
SPCR	Spurr Chakacha	42.53	41	P	P	17 59 22.3	-1.4
G22K	Bettie	42.58	32	P	P	17 59 22.6	-1.3
H22K	Ishtalita Cre	42.64	34	P	P	17 59 23.2	-1.3
KDAK	Kodiak Island	42.77	46	P	P	17 59 23.8	-1.8
SKT	Skwentna	42.78	40	P	P	17 59 23.7	-2.0
BPAW	Bear Paw Mtn.	42.87	36	P	P	17 59 27.0	+0.6
BPAW	Bear Paw Mtn.	42.87	36	P	P	17 59 25.8	-0.6
KURK	Kurchatov	42.91	303	P	IAMB	17 59 26.6	-0.2
KURK	comp=Z,1.2nm,0.8s			IAMB	IAMB	17 59 37.4	
KURK	Kurchatov	42.91	303	eP	P	17 59 26.0	-0.8
KURK	Kurchatov	42.91	303	eP	P	17 59 26.0	-0.8
D23K	Nanushuk River	42.92	29	P	P	17 59 25.1	-1.6
MLY	Manley	42.93	35	P	P	17 59 25.6	-1.3
KTH	Kantishna Hill	42.93	37	P	IAMB	17 59 27.2	+0.2
KTH	comp=Z,2.6nm,0.9s			IAMB	IAMB	17 59 37.3	
C23K	Itlikil River	42.98	28	P	P	17 59 26.1	-1.1
HOM	Home	42.98	43	P	P	17 59 26.2	-1.1
KURBB	Kurchatov Arra	42.98	303	P	P	17 59 27.1	-0.4
KURBB	comp=Z,5.0nm,0.3s,baz=76,slow=8.8,SNR=36			ScP	ScP	18 05 05.8	-0.2
KURBB	comp=Z,0.4nm,0.2s,baz=71,slow=2.6,SNR=1.5			ScP	ScP		
COLD	Coldfoot	43.09	32	P	P	17 59 27.5	-0.6
G23K	Bananza Creek	43.16	33	P	P	17 59 27.7	-1.1
SUA	Susitna One	43.20	40	P	P	17 59 28.9	-0.3
CHTO	Chiang Mai	43.30	250	P	P	17 59 30.3	-0.1
CHTO	Chiang Mai	43.30	250	P	pmax	17 59 30.3	-0.1
E23K	Chandalar	43.30	31	P	P	17 59 29.5	-0.4
TOLK	Tool Lake Re	43.32	30	P	P	17 59 29.6	-0.4
H23K	Yukon River	43.39	34	P	P	17 59 29.2	-1.4
BRSE	Bradley Lake S	43.42	43	P	P	17 59 29.3	-1.6
I23K	Minto, Yukon-K	43.51	35	P	P	17 59 30.4	-1.0
CMAR	Chiang Mai Arr	43.54	250	P	P	17 59 32.5	+0.2
CMAR	comp=Z,1.2nm,0.9s,baz=41,slow=7.8,SNR=5.9			PcP	PcP	18 01 19.8	0.0
D24K	Happy Valley	43.59	29	P	P	17 59 30.8	-1.3
C24K	Franklin Bluff	43.64	28	P	P	17 59 31.6	-0.8
NEA2	Nenana	43.67	36	P	IAMB	17 59 32.8	-0.1
NEA2	comp=Z,1.3nm,0.8s			IAMB	IAMB	17 59 42.5	
NEA2	Nenana	43.67	36	P	P	17 59 31.0	-1.9
E24K	Your Creek	43.73	31	P	P	17 59 31.8	-1.5
RC01	Rabbit Creek A	43.73	41	P	P	17 59 32.7	-0.7
MCK	McKinley	43.80	37	P	P	17 59 33.2	-0.7
O22K	Cooper Landing	43.82	42	P	P	17 59 33.0	-1.1
PMR	Palmer	43.96	40	P	P	17 59 34.0	-1.1
F24K	Squaw Lake	43.97	31	P	P	17 59 33.8	-1.4
SEW	Seward	44.01	42	P	P	17 59 34.7	-0.8
GHO	Glory Hole Cre	44.03	40	P	IAMB	17 59 35.6	-0.2
GHO	comp=Z,2.1nm,1.1s			IAMB	IAMB	17	

16d 18h

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Magueyes Islan, Guanica, Bosqu, Cerrillos, Punta Cana, San Juan, etc.

NOU 16 18:09:55.5, 21.57S, 170.42E, h19km, mb6.0/12, Southeast of Loyalty Islands

ISC 16 18:09:58.8, 6.6, 19.98S, 169.57E, h105km, 66km, mb3.3/2, mbmp3.5/3, ML2.9/1, Error ellipse: s-maj=143.4km

ISC 16 18:09:52.3, 1.2, 21.7S, 170.7E, h100km, n25, s-min=42.6km az=158.0

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

ISC 16 18:12:28.3, 1.2, 34.59N, 46.28E, h37km, 24km, ML2.5

TEH 16 18:12:28.3, 34.56N, 46.12E, h12km, 23km, ML2.5

ISC 16 18:12:28.8, 1.1, 34.56N, 0.04, 46.12E, h11km, 12km, n8, e029/11, Western Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Dehresh, GKS1, IGHG, etc.

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NEIC 16 18:12:44.0, 2.0, 24.88S, 0.09, 176.3W, h0.2, h35km, 2km, mb4.6/19, Error ellipse: s-maj=27.2km s-min=11.4km az=68.0

ISC 16 18:12:45.4, 4.1, 24.68S, 176.10W, h70km, 34km, mb3.9/11, mbmp4.2/13, ML5.8/1, Error ellipse: s-maj=25.2km s-min=20.1km az=101.0

ISC 16 18:12:41.4, 0.6, 24.83S, 0.09, 176.0W, h0.1, h35km, n39, e157/42, mb4.4/18, South of Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Nonavsu, Urewae, RAR, BKZ, etc.

ISC 16 18:46:53.5, 1.5, 18.05N, 76.84W, h0km, mb3.3/2, mbmp3.9/7, ML3.7/5, MS2.8/1, Error ellipse: s-maj=47.4km s-min=25.4km az=36.0

NEIC 16 18:46:55.8, 1.3, 18.21N, 0.06, 76.92W, h0.1, h10km, 2km, mb_Lg3.3/6, Error ellipse: s-maj=11.0km s-min=3.1km az=179.0

JSN 16 18:46:56.0, 4.1, 18.05N, 76.94W, h23km, 2km, MD4.2

SSNC 16 18:46:58.0, 1.4, 18.25N, 76.94W, h7km, 11km, MD3.9, ML3.6

ISC 16 18:46:56.1, 1.0, 18.23N, 0.06, 76.92W, h0.03, h16km, 6km, n51, e162/65, 2C-40, Jamaica region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like South Pole, Warramunga Arr, etc.

ISC 16 18:16:17.4, 1.0, 34.65N, 46.18E, h15km, 7km, ML2.7

TEH 16 18:16:17.9, 34.58N, 46.11E, h10km, 132km, ML2.6

ISC 16 18:16:17.9, 1.0, 34.58N, 0.04, 46.09E, h10km, n9, e107/13, Western Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Dehresh, GKS1, IGHG, etc.

ISC 16 18:45:23.3, 1.1, 10.94N, 144.92E, h0km, mb4.0/10, mbmp4.0/11, ML3.8/1, Error ellipse: s-maj=34.5km s-min=18.1km az=93.0

NEIC 16 18:45:25.3, 1.4, 10.99N, 0.09, 144.7E, h0.1, h10km, 2km, mb4.5/13, Error ellipse: s-maj=26.5km s-min=15.2km az=84.0

ISC 16 18:45:28.6, 0.9, 10.94N, 0.08, 144.7E, h0.2, h35km, n35, e102/30, mb4.2/17, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Guam, GUMO, JOW, etc.

1130

WAKE ISLAND Hy 23.07 65 T T 19 14 36.0

WAKE ISLAND Hy 23.07 28 P T 19 14 41.7

TOL2J Tolitoli 25.71 249 P Iamb P 18 50 54.5 -1.4

MJAR Matsushiro Arr 26.16 348 P P 18 50 59.5 -0.2

WARRAMUNGA ARR 32.17 199 P P 18 51 52.5 -0.8

WARRAMUNGA ARR 32.35 198 P P 18 51 54.7 -0.2

ASAR Alice Springs 35.99 197 P P 18 52 26.9 +0.5

FORT Forrest 44.47 201 P P 18 53 37.4 +0.9

CMAR Chiang Mai Arr 44.82 285 P P 18 53 38.5 -1.1

MORW Morawa 48.47 214 P P 18 54 07.5 -0.5

MK31 Makanchi Array 48.63 326 P P 18 55 53.7 -0.4

MKAR Makanchi Array 63.31 317 P P 18 55 54.4 +0.3

MAKZ Makanchi 63.52 317 P Iamb P 18 55 55.0 -0.6

ZALV Zalesovo Beam 63.70 325 P P 18 55 56.9 +0.4

KURK Kurchatov 66.53 321 P P 18 56 14.1 -0.8

ILAR Eielson Array 71.01 25 P P 18 56 42.4 -0.2

KKAR Karatay Array 71.10 312 P P 18 56 43.0 -0.2

F2SK Christian Rive 72.23 22 P Iamb Iamb 18 56 50.4 +0.4

NVAR Mina Array Bay 86.67 51 P P 18 58 18.1 -0.8

STH Stony Hill 0.19 147 P P 18 47 00.7 0.0

GMW Greenwich 0.24 131 P P 18 47 19.9 +0.3

H0J Hope 0.28 145 P P 18 47 01.6 -0.5

MTDJ Mount Denham 0.59 269 P P 18 47 17.8

CHIV Chivirico 1.80 15 P Sn Pn 18 47 26.4 0.0

CHIV Chivirico 1.80 15 P Iamb_Lg Sn 18 47 52.3

CHIV Chivirico 1.80 15 P Iamb Sn 18 47 26.7 +0.2

LMGC Las Mercedes 1.82 357 P P 18 47 26.6 -0.2

MARVS Santiago de Cu 2.00 29 P P 18 47 59.6 +0.3

RCC Rio Carpintero 2.10 33 P P 18 47 31.1 +0.5

YAR Yar 2.19 14 P P 18 47 32.9 -1.8

YAR Yar 2.19 14 P Sn 18 47 57.5 +0.6

YAR Yar 2.19 14 P Iamb 18 48 00.8

GRTK	Grand Turk	6.34	58	Pn	Pn	18 48 30.2	+1.2
CAMR	Camarioca	6.36	320	Pn	Pn	18 48 31.3	+2.1
SOR	Soroca	7.29	309	Pn	Pn	18 48 42.3	+0.3
061Z	Ochoppi	8.45	335	Pn	Pn	18 48 59.0	+1.1
ESPN	Las Esperanzas	9.32	231	Pn	Pn	18 49 08.2	-1.6
CRPR	Cabo Rojo	9.33	90	Pn	Pn	18 49 09.5	+0.4
MLPR	Magueyes Islan	9.39	90	Pn	Pn	18 49 10.7	-0.1
OBIP	Obispado Ponce	9.80	90	Pn	Pn	18 49 15.7	-0.8
CELP	Cerrillos	9.83	89	Pn	Pn	18 49 16.9	0.0
BOAB	BOACO BROADBAND	10.237	237	Pn	Pn	18 49 20.9	-1.2
SJG	San Juan	10.23	69	LR	LR	18 53 22.3	
IGPR	InterUniversit	10.28	90	Pn	Pn	18 49 23.3	+0.3
PDP	Patillas Dam	10.36	89	Pn	Pn	18 49 24.4	+0.3
TEIG	Tejich	10.91	282	Pn	Pn	18 49 31.1	-0.5
TEIG	Tejich	10.91	282	Pn	Pn	18 49 31.6	-0.1
TEIG	comp=Z,2.3nm,0.3s,baz=78,slow=3.9,SNR=24			Sn	Sn	18 51 27.3	-6.2
JTS	Las Juntas de	11.09	226	Pn	Pn	18 49 34.0	-0.1
JTS	Las Juntas de	11.09	226	Pn	Pn	18 49 32.8	-1.3
SDV	Santo Domingo	11.12	146	Pn	Pn	18 49 33.5	-1.2
SDV	comp=Z,1.9nm,0.3s,baz=32,slow=2.0,SNR=1.8			Sn	Sn	18 51 28.9	-1.0
656A	Wilston	12.22	336	Pn	Pn	18 49 49.9	+0.4
MTOS	Montecristo	12.54	254	Pn	Pn	18 49 54.1	-0.1
BAUV	El Baul	12.63	136	Pn	Pn	18 49 54.1	-1.1
APG	El Apazote	13.38	258	Pn	Pn	18 50 06.8	+1.2
PCRV	Puerto La Cruz	14.34	122	Pn	Pn	18 50 17.9	-0.8
TXAR	Lajitas Array	26.79	299	P	P	18 52 37.3	+1.6
NVAR	Miná Array Bea	41.19	308	P	P	18 54 43.2	+2.8
WRA	Warramunga Arr	150.43	262	PKPbc	PKPdf	19 06 46.6	+4.2
ASAR	Alice Springs	150.75	254	PKPbc	PKPdf	19 06 47.0	+4.0

PBAR	Barrancos	2.60	310	P	Pn	18 48 27.5	+1.9
PBAR	Zarzadilla de	2.64	58	P	Pn	18 48 55.9	-0.4
EBAR	301nm,SNR=3.6			S	Sn	18 48 59.0	+2.0
EBAR	301nm,SNR=3.6			S	Sn	18 48 59.4	+2.0
PVAQ	Vaqueiros	2.70	290	eP	Sn	18 48 29.0	+2.0
PVAQ	184nm,0.2s			A	A	18 48 58.1	-0.8
PVAQ	Vaqueiros	2.70	290	P	Pn	18 48 59.8	
PVAQ	Vaqueiros	2.70	290	P	Pn	18 48 29.9	+1.8
PVAQ	Vaqueiros	2.70	290	P	Pn	18 48 57.9	-1.1
PBDV	Barranco-do-Ve	2.82	286	eP	Sn	18 48 29.0	+2.0
PBDV	43nm,0.1s			A	A	18 49 01.6	-0.2
PBDV	Barranco-do-Ve	2.82	286	P	Pn	18 49 09.7	
EMUR	La Murta	2.94	62	S	Pn	18 48 31.0	+2.3
EMUR	La Murta	2.94	62	S	Pn	18 49 01.6	-0.2
EMUR	La Murta	2.94	62	S	Pn	18 48 06.6	+2.0
EMUR	La Murta	2.94	62	S	Pn	18 48 33.3	+3.1
EMUR	La Murta	2.94	62	S	Pn	18 48 33.2	+2.9
EMUR	La Murta	2.94	62	S	Pn	18 49 03.5	-0.1
EBAD	Badajoz	2.98	319	S	Pn	18 48 31.1	+2.3
EBAD	Badajoz	2.98	319	S	Pn	18 48 31.1	+2.3
EBAD	4µm,SNR=79			S	Sn	18 48 34.4	
CART	Cartagena	3.02	68	S	Pn	18 49 05.0	-0.6
CART	Cartagena	3.02	68	S	Pn	18 49 07.0	+0.6
CART	Cartagena	3.02	68	S	Pn	18 48 34.1	+2.9
CART	Cartagena	3.02	68	S	Pn	18 48 33.8	+2.6
CART	Cartagena	3.02	68	S	Pn	18 49 09.9	+3.5
PCVE	Castro Verde	3.02	293	eP	Sn	18 48 33.3	+2.0
PCVE	57nm,0.2s			A	A	18 48 05.7	-0.9
PAB	San Pablo	3.02	3	P	Pn	18 48 33.7	+2.3
PAB	2µm,SNR=49			S	Sn	18 48 36.2	
IFR	Ifrane	3.04	190	S	Pn	18 49 05.7	-1.1
IFR	Ifrane	3.04	190	S	Pn	18 49 07.4	+0.2
IFR	Ifrane	3.04	190	S	Pn	18 48 34.3	+2.5
PBEJ	Beja	3.06	300	eP	Sn	18 48 34.3	+2.5
PBEJ	Beja	3.06	300	eP	Sn	18 49 06.8	-0.7
PBEJ	Beja	3.06	300	eP	Sn	18 49 09.4	
RTC	Rabat Centre	3.16	218	P	Sn	18 48 35.3	+2.0
RTC	Rabat Centre	3.16	218	P	Sn	18 49 10.2	+0.2
ETOB	Tobarra	3.18	47	P	Pn	18 48 35.9	+2.4
ETOB	Tobarra	3.18	47	P	Pn	18 48 37.1	+2.1
ETOB	2µm,SNR=33			S	Sn	18 48 36.5	
ETOB	Tobarra	3.18	47	P	Pn	18 48 36.5	
ESDC	Sonseca Array	3.18	8	S	Pn	18 49 09.6	-0.8
ESDC	715nm,SNR=22			S	Sn	18 48 35.9	+2.3
ESDC	Sonseca Array	3.18	8	S	Pn	18 49 37.1	
MESJ	Messejaña	3.23	295	eP	Sn	18 49 09.3	-1.2
MESJ	Messejaña	3.23	295	eP	Sn	18 48 36.4	+2.3
MESJ	Messejaña	3.23	295	eP	Sn	18 49 10.7	-0.9
MESJ	Messejaña	3.23	295	eP	Sn	18 49 13.7	
MESJ	Messejaña	3.23	295	eP	Sn	18 48 36.2	+2.1
MESJ	Messejaña	3.23	295	eP	Sn	18 49 10.5	-1.1
MESJ	Messejaña	3.23	295	eP	Sn	18 49 12.9	
ETRV	Los Montesinos	3.36	62	P	Pn	18 48 38.8	+3.0
ETRV	Los Montesinos	3.36	62	P	Pn	18 48 42.8	
MORF	Morfeite	3.40	285	eP	Sn	18 48 39.0	+2.6
MORF	Morfeite	3.40	285	eP	Sn	18 48 15.2	-0.6
MORF	Morfeite	3.40	285	eP	Sn	18 49 19.4	
MORF	Morfeite	3.40	285	eP	Sn	18 48 38.7	+2.3
MORF	Morfeite	3.40	285	eP	Sn	18 49 14.5	-1.3
MORF	Morfeite	3.40	285	eP	Sn	18 49 18.7	
EVO	Evora	3.42	307	eP	Pn	18 48 39.3	+2.6
EVO	Evora	3.42	307	eP	Pn	18 49 15.7	-0.6
EVO	Evora	3.42	307	eP	Pn	18 49 17.7	
CZD	Col de Zad	3.50	187	P	Pn	18 48 38.0	-0.1
CZD	Col de Zad	3.50	187	P	Pn	18 49 17.7	-1.1
CZD	Col de Zad	3.50	187	P	Pn	18 48 40.1	+2.3
PFVI	Vila Bisbo	3.50	281	eP	Sn	18 49 16.9	-1.4
PFVI	Vila Bisbo	3.50	281	eP	Sn	18 49 20.6	
PFVI	Vila Bisbo	3.50	281	eP	Sn	18 49 17.1	-1.1
PFVI	Vila Bisbo	3.50	281	eP	Sn	18 48 40.1	+2.3
PFVI	Vila Bisbo	3.50	281	eP	Sn	18 49 18.9	+0.6
PTEO	Sao Teotonio	3.51	288	eP	Sn	18 48 40.7	+2.8
PTEO	Sao Teotonio	3.51	288	eP	Sn	18 49 23.5	
ZHG	ZHG	3.52	210	P	Pn	18 48 40.2	+2.0
ZHG	ZHG	3.52	210	P	Pn	18 49 19.1	+0.2
PNCL	Nicolau / Gran	3.56	298	eP	Pn	18 48 41.1	+2.5
PNCL	Nicolau / Gran	3.56	298	eP	Pn	18 49 18.6	-1.1
PNCL	Nicolau / Gran	3.56	298	eP	Pn	18 49 20.5	
MD31	MD31	3.65	183	P	Pn	18 48 40.0	+0.1
MD31	MD31	3.65	183	P	Pn	18 49 19.9	-2.0
PMRV	Marv??o	3.68	323	eP	Sn	18 48 42.7	+2.4
PMRV	Marv??o	3.68	323	eP	Sn	18 49 21.9	-0.7
PMRV	Marv??o	3.68	323	eP	Sn	18 49 25.8	
MDT	Midelt	3.70	181	P	Pn	18 48 43.7	+3.1
MDT	Midelt	3.70	181	P	Pn	18 49 22.0	-1.1
EPLA	Plasencia	3.75	341	P	Pn	18 48 43.8	+2.7
EPLA	Plasencia	3.75	341	P	Pn	18 48 45.8	
EPLA	Font Roja	3.82	55	P	Pn	18 49 23.2	-1.0
EPLA	Font Roja	3.82	55	P	Pn	18 48 45.0	+2.8
EPLA	Font Roja	3.82	55	P	Pn	18 48 47.5	
AFON	Cofrentes, Val	3.85	43	↑P	Pn	18 49 26.6	+0.5
AFON	Cofrentes, Val	3.85	43	↑P	Pn	18 48 45.1	+2.1
AFON	Cofrentes, Val	3.85	43	↑P	Pn	18 49 25.5	
PMTG	Montargil	3.88	312	eP	Sn	18 49 25.1	-1.6
PMTG	Montargil	3.88	312	eP	Sn	18 48 45.3	+2.4
PMTG	Montargil	3.88	312	eP	Sn	18 49 29.2	+0.9
PCBR	Castelo Branco	4.05	326	eP	Pn	18 48 48.1	+2.9
PCBR	Castelo Branco	4.05	326	eP	Pn	18 49 29.9	-1.6
PCBR	Castelo Branco	4.05	326	eP	Pn	18 49 32.4	
EBEN2	Beniara presa	4.06	57	P	Pn	18 48 48.1	+2.7
EBEN2	Beniara presa	4.06	57	P	Pn	18 48 50.6	
EBEN2	Beniara presa	4.06	57	P	Pn	18 48 50.6	
EBEN2	Beniara presa	4.06	57	P	Pn	18 49 30.5	-1.3
EBEN2	Beniara presa	4.06	57	P	Pn	18 48 48.8	+2.4
GUD	Guadarrama	4.13	4	S	Pn	18 48 48.8	+2.4
GUD	Guadarrama	4.13	4	S	Pn	18 48 50.8	
GUD	Guadarrama	4.13	4	S	Pn	18 48 50.8	
GUD	Guadarrama	4.13	4	S	Pn	18 48 32.4	-1.2
GUD	Guadarrama	4.13	4	S	Pn	18 49 22.0	-2.2
ECHE	Chera	4.16	41	S	Pn	18 48 49.0	+2.2
ECHE	Chera	4.16	41	S	Pn	18 48 49.0	+2.2
ECHE	Chera	4.16	41	S	Pn	18 48 49.0	+2.2
ECHE	Chera	4.16	41	S	Pn	18 48 51.5	
ECHE	Chera	4.16	41	S	Pn	18 48 51.5	
ECHE	Chera	4.16	41	S	Pn	18 49 32.2	-2.0
PMAFR	Mafrá	4.49	304	S	Pn	18 48 54.1	+2.9
PMAFR	Mafrá	4.49	304	S	Pn	18 49 41.5	-0.6
PMAFR	Mafrá	4.49	304	S	Pn	18 49 44.2	
PMAFR	Mafrá	4.49	304	S	Pn	18 49 41.6	-0.6
PMAFR	Mafrá	4.49	304	S	Pn	18 48 54.0	+2.8
PSBE	So Bento	4.51	313	eP	Sn	18 48 54.5	+3.0
PSBE	So Bento	4.51	313	eP	Sn	18 49 47.1	-0.9
PSBE	So Bento	4.51	313	eP	Sn	18 49 45.9	
PSBE	So Bento	4.51	313	eP	Sn	18 48 56.6	+2.7
PSBE	So Bento	4.51	313	eP	Sn	18 49 44.7	-2.3
PSBE	So Bento	4.51	313	eP	Sn	18 48 57.0	+2.7
PSBE	So Bento	4.51	313	eP	Sn	18 48 57.6	
ETOR	Torete	4.71	23	↑P	Pn	18 49 46.0	-1.7
ETOR	Torete	4.71	23	↑P	Pn	18 48 57.1	+2.9
ETOR	Torete	4.71	23	↑P	Pn	18 49 46.3	-1.3
ETOR	Torete	4.71	23	↑P	Pn	18 48 57.1	+2.9
ETOR	Torete	4.71	23	↑P	Pn	18 49 46.0	-1.7
ETOR	Torete	4.71	23	↑P	Pn	18 48 57.1	+2.9
ETOR	Torete	4.71	23	↑P	Pn	18 49 46.3	-1.3
ETOR	Torete	4.71	23	↑P	Pn	18 48 57.1	+2.9
ETOR	Torete	4.71	23	↑P	Pn	18 49 46.0	-1.7
ETOR	Torete	4.71	23	↑P	Pn	18 48 57.1	+2.9
ETOR	Torete	4.71	23	↑P	Pn	18 49 46.3	-1.3
ETOR	Torete	4.71	23	↑P	Pn	18 48 57.1	+2.9
ETOR	Torete	4.71	23	↑P	Pn	18 49 46.0	-1.7
ETOR	Torete	4.71	23	↑P	Pn	18 48 57.1	+2.9
ETOR	Torete	4.71	23	↑P	Pn	18 49 46.3	-1.3
ETOR	Torete	4.71	23	↑P	Pn	18 48 57.1	+2.9
ETOR	Torete	4.71	23	↑P	Pn	18 49 46.0	-1.7

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JUT3, JAGN, JAJA, etc.

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

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

BUI 16:21:11:45.7±0.0, 25°40'S×178°30'E, h570km, mb5.3/81, mB5.7/70

MOS 16:21:11:47.4±0.9, 25°41'S×178°18'E, h574km, mb6.0/37, Error ellipse: s-maj=8.6km s-min=6.9km az=116.3

IPGP 16:21:11:48.0±2.5, 25°45'S×178°22'E, h590km, Mw6.5, Fault plane solution: N1=136.00000°, 878.00000°, λ=65.00000°

NEIC 16:21:11:48.4±2.5, 25°43'S×178°22'E, h610km, Moment Tensor Solution, Duration: 8s

NEIC 16:21:11:48.8±1.5, 25°42'S×178°20'E, h576km±1km, mb6.1/588, Mw6.5/58, Mww6.5/27

NEIC 16:21:11:49.2±3.7, 25°40'S×178°32'E, h580km, ML6.3/200, South of Fiji Islands

NEIC 16:21:11:51.6±2.5, 25°26'S×178°37'E, h591km, Mw6.5/173, GCMT 16:21:11:51.6±2.5, 25°26'S×178°37'E, s155.6239

ISC 16:21:11:49.3±0.2, 25°46'S×178°27'E, h581km±1km, h583km±1km, p2008, n223/2392, mb6.0/418, 107C-98D, South of Fiji Islands

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

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

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

L18K	comp=Z,161nm,0.7s	89.65	11	P	P	21 23 46.1	+0.7
L18K	Granite Mounta					21 23 50.9	+3.3
L18K	baz=202			S	S	21 33 50.9	+3.3
P23K	Montague Islan	89.68	16	P	P	21 23 47.0	+1.5
P23K	baz=211,SNR=11			S	S	21 33 50.7	+2.9
P23K	baz=211			S	S	21 33 50.7	+2.9
CCUT	Cedar City	89.69	48	I	Amb	21 23 52.5	
J08A	Circle Bar Ran	89.75	41	I	Amb	21 23 52.0	
M19K	Big River Lodg	89.79	13	I	Amb	21 23 50.4	
M19K	Big River Lodg	89.79	13	P	P	21 23 47.2	+1.2
M19K	comp=Z,151nm,0.7s			S	S	21 33 49.7	+0.9
M19K	baz=205			S	S	21 33 49.7	+0.9
K17K	lditarod	89.83	11	I	Amb	21 23 51.2	
K17K	comp=Z,111nm,0.7s			P	P	21 23 47.7	+1.5
K17K	baz=201,SNR=32			S	S	21 33 52.6	+3.4
SPR3	Spring Creek 3	89.84	46	I	Amb	21 23 52.4	
PSUT	Pine Spring	89.90	47	I	Amb	21 23 55.0	
SZCU	Shurtz Canyon	89.90	48	I	Amb	21 23 53.3	
L9N	Longmire	89.93	37	I	Amb	21 23 52.1	
L19K	White Mountain	89.95	12	P	P	21 23 47.9	+1.1
L19K	comp=Z,204,SNR=410			S	S	21 33 52.9	+2.6
L19K	baz=204			S	S	21 33 52.9	+2.6
WUAZ	Wupatki	89.96	50	I	Amb	21 23 53.4	
B102	San Fabin de	90.00	131	I	Amb	21 23 55.5	
J16K	Anvik River	90.01	9	I	Amb	21 23 52.2	
J16K	Anvik River	90.01	9	P	P	21 23 48.3	+1.3
J16K	baz=199,SNR=70			S	S	21 33 54.1	+3.4
M20K	Styx River	90.02	13	P	P	21 23 48.2	+1.0
M20K	comp=Z,206,SNR=23			S	S	21 33 51.9	+0.8
M20K	baz=206			S	S	21 33 51.9	+0.8
PZH	PanZhiHua	90.06	299	P	P	21 23 49.1	+0.8
PZH	comp=Z,232nm,0.9s			pP	pP	21 25 53.8	+0.5
PZH	Rabbit Creek A			pP	pP	21 33 25.8	+1.4
PZH	Rabbit Creek A			pP	pP	21 33 55.3	0.0
PZH	comp=Z,60nm,1.1s			pmax	pmax		
RC01	Rabbit Creek A	90.06	15	I	Amb	21 23 51.8	
RC01	Rabbit Creek A	90.06	15	P	P	21 23 48.7	+1.4
RC01	baz=209,SNR=47			S	S	21 33 51.8	+0.6
SUA	Susitna One	90.16	14	P	P	21 23 48.8	+0.9
SUA	comp=Z,208,SNR=217			S	S	21 33 54.1	+1.7
PWL	Port Wells	90.19	16	I	Amb	21 23 52.3	
PWL	Port Wells	90.19	16	P	P	21 23 49.1	+1.1
PWL	comp=Z,210,SNR=52			S	S	21 33 52.0	-0.5
CBB	Campbell River	90.22	32	I	Amb	21 23 54.0	
ELK	Elko	90.23	44	S	SKSac	21 33 22.8	-2.2
ELK	comp=Z,1.0nm,0.7s,baz=177,slow=7.1,SNR=2.0			PKKPbc	PKKPbc	21 41 17.9	+2.1
HIN	Hinchinbrook I	90.25	17	I	Amb	21 23 52.7	
ZEa	Zeya	90.34	332	eP	pP	21 23 48.6	-0.2
ZEa	comp=Z,100nm,2.6s			eP	pP	21 25 54.9	+0.8
ZEa	comp=E,20nm,1.0s			eP	pP	21 26 54.1	+3.8
ZEa	comp=N,60nm,0.9s			eS	S	21 33 29.1	
ZEa	comp=Z,90nm,0.9s			pmax	pmax	21 33 56.1	+2.0
ZEa	comp=N,3um,11.6s			pmax	pmax		
J17K	VABM Dome	90.35	10	I	Amb	21 23 53.6	
J17K	VABM Dome	90.35	10	P	P	21 23 50.3	+1.7
J17K	baz=200,SNR=89			S	S	21 33 56.3	+2.6
J17K	baz=200			S	S	21 33 56.3	+2.6
BBB	Bella Bella	90.38	30	I	Amb	21 23 54.5	
BBB	Bella Bella	90.38	30	S	SKSac	21 23 21.1	-1.5
KAIM	Kayak Island	90.41	18	P	P	21 23 50.6	+1.6
KAIM	baz=213,SNR=6.9			S	S	21 33 56.6	+2.1
L20K	Farewell, AK	90.42	13	P	P	21 23 50.3	+1.3
L20K	baz=205,SNR=58			S	S	21 33 57.0	+2.6
L20K	baz=205			S	S	21 33 57.0	+2.6
GO05	Huala	90.42	129	I	Amb	21 23 55.2	
HHC	Hu-ho-hao-te	90.42	316	iP	pP	21 23 50.1	+0.5
HHC	comp=Z,190nm,4.4s			pP	pP	21 25 58.6	-1.8
HHC	comp=Z,159nm,0.7s			pP	pP	21 26 50.1	-1.8
HHC	comp=Z,127nm,0.8s			pP	pP	21 27 34.0	-1.2
HHC	comp=Z,127nm,0.8s			SKSac	SKSac	21 33 26.8	+1.1
HHC	comp=Z,95nm,1.2s			ScS	ScS	21 34 02.4	+4.8
HHC	comp=Z,95nm,1.2s			sS	sS	21 37 36.9	-3.2
HHC	comp=Z,95nm,1.2s			pmax	pmax		
F07A	Phinny Hill Vi	90.44	38	I	Amb	21 23 55.7	
ZAIG	Zacatecas	90.44	65	I	Amb	21 23 56.3	
SKT	Skwentna	90.45	14	P	P	21 23 49.7	+0.7
SKT	baz=207,SNR=45			S	S	21 33 53.6	-1.1
SEY	Seymchan	90.46	348	iP	pP	21 23 49.3	+0.2
SEY	comp=Z,59nm,0.6s			pmax	pmax		
GLI	Glacier Island	90.52	16	P	P	21 23 50.5	+1.1
GLI	baz=211,SNR=113			S	S	21 33 57.5	+2.2
M22K	Willow	90.56	14	P	P	21 23 50.8	+1.3
M22K	baz=208,SNR=24			S	S	21 33 57.2	+1.7
FID	Port Fidalgo	90.56	16	I	Amb	21 23 53.9	
I17K	Unalakleet	90.57	9	I	Amb	21 23 54.8	

I17K	Unalakleet	90.57	9	P	P	21 23 51.3	+1.8
I17K	baz=199,SNR=11			S	S	21 33 58.9	+3.3
EYAK	Cordova Ski Ar	90.58	17	P	P	21 23 49.2	-0.5
EYAK	Cordova Ski Ar	90.58	17	P	P	21 23 51.8	+2.1
EYAK	baz=212			S	S	21 33 58.0	+2.2
G08A	Pilot Rock	90.62	39	I	Amb	21 23 58.1	
ANM	Nome	90.63	7	P	P	21 23 52.0	+2.2
ANM	baz=195			S	S	21 33 59.1	+3.0
CD2	Chengdu	90.63	304	P	P	21 23 51.3	+0.6
CD2	comp=Z,100nm,0.6s			pP	pP	21 25 57.3	+1.7
CD2	comp=Z,100nm,0.6s			SKS	SKS	21 33 28.6	+1.4
CD2	comp=Z,100nm,0.6s			SS	SS	21 34 01.0	+1.3
CD2	comp=Z,100nm,0.6s			pmax	pmax	21 40 22.5	+4.3
CRAG	Craig	90.63	25	P	P	21 23 50.5	+0.5
CRAG	Craig	90.63	25	P	P	21 23 52.9	+2.9
CRAG	baz=223,SNR=19			S	S	21 34 03.4	+6.9
PMR	Palmer	90.64	15	I	Amb	21 23 54.3	
PMR	Palmer	90.64	15	P	P	21 23 49.2	-0.7
PMR	Palmer	90.64	15	P	P	21 23 51.3	+1.3
PMR	baz=209,SNR=64			S	S	21 33 57.0	+0.6
KNK	Knik Glacier	90.64	15	P	P	21 23 51.7	+1.7
KNK	comp=Z,211nm,0.6s			S	S	21 33 58.1	+1.6
MXC	Moxie City	90.65	37	I	Amb	21 23 56.7	
RAGM	Ragged Mountai	90.73	17	I	Amb	21 23 55.4	
GRNB	Grenville Isla	90.74	28	I	Amb	21 23 56.4	
J18K	Innoko River	90.80	11	P	P	21 23 52.1	+1.4
J18K	baz=202,SNR=402			S	S	21 34 00.2	+2.4
LTY	Liberty	90.86	37	I	Amb	21 23 55.9	
E07A	Sunnyside	90.88	37	I	Amb	21 23 57.2	
BGLC	Bering Glacier	90.89	18	P	P	21 23 53.2	+2.2
BGLC	baz=214			S	S	21 34 02.6	+4.0
PBA	Port Blair	90.96	282	i x	SKSac	21 33 31.2	+1.6
BERG	Berg Lake	91.00	18	I	Amb	21 23 56.7	
SIT	Sitka	91.00	23	P	P	21 23 52.1	+0.4
SIT	Sitka	91.00	23	P	P	21 23 54.0	+2.4
SIT	baz=221,SNR=14			S	S	21 34 06.6	+7.0
S1A	Cookes Peak, D	91.01	54	I	Amb	21 23 58.6	
121A	Cookes Peak, D	91.01	54	P	P	21 23 56.0	+3.3
121A	baz=240,SNR=135			S	S	21 34 09.9	+8.5
SML	Sawmill	91.02	15	P	P	21 23 53.7	+2.0
SML	baz=210,SNR=27			S	S	21 34 02.5	+2.6
H16K	Elim	91.07	8	P	P	21 23 53.6	+1.7
H16K	baz=198,SNR=57			S	S	21 34 04.5	+4.5
CUT	Chulitna	91.10	14	P	P	21 23 53.1	+1.1
CUT	baz=208,SNR=74			S	S	21 34 02.4	+2.1
U33K	Whale Pass	91.11	25	I	Amb	21 23 57.9	
U33K	Whale Pass	91.11	25	P	P	21 23 54.1	+1.9
U33K	comp=Z,221nm,0.9s			S	S	21 34 06.0	+5.3
U33K	baz=223			S	S	21 34 06.0	+5.3
V35K	Ketchikan	91.12	26	I	Amb	21 23 58.1	
V35K	Ketchikan	91.12	26	P	P	21 23 54.2	+1.9
V35K	baz=224,SNR=48			S	S	21 34 08.5	+7.7
V35K	baz=224			S	S	21 34 08.5	+7.7
PPLA	Purkypile	91.13	13	P	P	21 23 53.5	+1.1
PPLA	baz=206,SNR=16			S	S	21 34 00.3	-0.7
M23K	Glacier View	91.15	15	P	P	21 23 54.5	+2.2
M23K	baz=210,SNR=20			S	S	21 34 04.0	+3.0
K20K	Telida	91.18	12	I	Amb	21 23 56.5	
K20K	comp=Z,60nm,0.7s			P	P	21 23 53.6	+1.2
K20K	baz=205,SNR=79			S	S	21 34 03.4	+2.3
K20K	baz=205			S	S	21 34 03.4	+2.3
G15K	Niukluk	91.19	7	P	P	21 23 54.2	+1.7
G15K	baz=196,SNR=108			S	S	21 34 04.9	+3.7
BMRM	Bremner River	91.23	17	P	P	21 23 54.3	+1.5
BMRM	baz=213,SNR=83			S	S	21 34 04.6	+2.8
BTO	Batou	91.26	315	eP	pP	21 23 54.4	+0.9
BTO	comp=Z,33nm,0.6s			PP	PP	21 27 40.4	-1.4
BTO	comp=Z,33nm,0.6s			pmax	pmax	21 33 54.6	-8.5
E08A	Dider Farm, El	91.28	38	I	Amb	21 24 00.1	
SCM	Sheep Creek Mo	91.28	16	P	P	21 23 54.5	+1.5
SCM	baz=211,SNR=92			S	S	21 34 04.1	+1.9
BMO	Mesa	91.31	40	I	Amb	21 23 59.8	
MESA	Mesa	91.32	19	P	P	21 23 55.2	+1.8
MESA	baz=215,SNR=24			S	S	21 34 05.9	+3.0
BO02	Sierra Bellavi	91.33	130	I	Amb	21 23 59.6	
KLU	Klutina	91.34	16	I	Amb	21 23 57.8	
KLU	comp=Z,108nm,0.7s			P	P	21 23 54.7	+1.4
KLU	baz=212,SNR=69			S	S	21 34 06.0	+3.2
TNA	Tin City	91.34	6	P	P	21 23 54.5	+1.5
TNA	baz=192,SNR=24			S	S	21 34 06.2	+3.8
VA05	Santo Domingo	91.35	128	I	Amb	21 23 59.1	
MFID	Camas Ranch	91.36	42	I	Amb	21 23 59.1	
S31K	Pelican	91.37	22	I	Amb	21 26 09.8	
S31K	comp=Z,181nm,1.4s			P	P	21 23 55.0	+1.7
S31K	baz=220,SNR=24			S	S	21 34 08.1	+5.2
S31K	baz=220			S	S	21 34 08.1	+5.2
F14K	Arctic Creek	91.41	6	P	P	21 23 55.6	+2.2

F14K	baz=194,SNR=31			S	S	21 34 06.8	+3.7
CRQM	Cirque	91.46	18	I	Amb	21 23 58.8	
TLIG	Tiapa	91.47	71	I	Amb	21 24 00.4	
CRQE	Cirque	91.47	18	P	P	21 23 55.6	+1.6
CRQE	baz=214,SNR=56			S			

16d 21h

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Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like MT03, MT13, LME1, etc.

Table with columns: ANMO, S34M, HYT, etc. Includes entries like Albuquerque, Telegraph Cree, Haines Junctio, etc.

Table with columns: ILAR, SCRK, AHID, etc. Includes entries like Albuquerque, Auburn Hatcher, Tukpahleark C, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GERES, STROD, CALA, KKB, FRGS, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ABTA, A050A, DRME, TREB, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PCVE, PCVE, MORF, MORF, etc.

ISN 16.21:21.28.9.0.5,32.61N:47.72E,h14km,3km,ML2.8
TEH 16.21:21.29.4,32.64N:47.70E,h10km,6.2km,ML2.9
ISC 16.21:21.31.1.1.1,32.56N:0.05:47.73E:0.04,h23km,n17,

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like IKFM, IDOB, BMDN, etc.

IDC 16.21:26.54.0.2.1,54.34S:133.28W,h0km,mb4.4/2,
mbmtP4.2,Error ellipse:s-maj=488.2km
s-min=50.1km az=163.0,Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like H03S2, H03S1, H03S3, etc.

IDC 16.21:30.22.9.1.1,25.37S:178.28E,h601km,13km,
mb3.6/10,mbmtP4.6/13,Error ellipse:s-maj=13.4km
s-min=13.0km az=29.0

NOU 16.21:30.22.1,25.29S:178.62E,h601km,mb4.7/19,South
of Fiji Islands

NEIC 16.21:30.23.5.1.5,25.5S:0.1x178.5E:0.1,h613km,8km,
mb4.7/48,Error ellipse:s-maj=18.2km s-min=15.7km

ISC 16.21:30.22.4.0.4,25.43S:0.05:178.47E:0.07,h600km,
n162,r169/170,mb4.5/31,2C-1D,South of Fiji Islands

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like RIZ, RAO, RAO, etc.

Table with columns: Code, Station Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like FWVZ, VRZ, WHVZ, MCHZ, KRHZ, etc.

Table with columns: Code, Station Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like USRK, G009, GSI, TROLL, SNA, SNA, SNA, VNA3, LLO2, LLO2, O18K, O18K, H04A, etc.

Table with columns: Code, Station Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like P19K, P19K, O22K, O20K, O20K, PLK3, ILS, PLK4, ILSW, ILSW, HIN, KAIM, KAIM, PLK1, P18K, PWL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like K17K, SKAG, S32K, N31M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKKB, KIEV, BUR08, BURAR, PZH, etc.

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

17d Oh

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h m s, Res. Includes stations like Pinedale Array, Urumqi, Bathurst New B, etc.

NEIC 17 00:08:27.8-2.0, 45.132N, 0.010-122.97W, 0.04, h3km, 7km, Error ellipse: s-maj=3.9km s-min=1.5km az=87.0

SEA 17 00:08:26.7-1.9, 45.14N, 0.02-122.97W, 0.02, h41km, 3km, ML2.8/25, ML2.7/94(NEIC), Error ellipse: s-maj=3.2km s-min=0.8km az=153.0, Washington-Oregon border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h m s, Res. Includes stations like Ewing Young ES, McMinville, Monmouth DOGAM, etc.

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Table with columns: I02E, IAML, Op, Time Res, ISC, h m s, Res. Includes stations like Sugar Bowl, Studebaker Rid, JRO, etc.

IDC 17 00:13:37.1-1.4, 15.36N, 146.35E, h0km, mb3.8/5, mbmp3.8/6, ML4.1/1.1, Error ellipse: s-maj=41.3km s-min=20.5km az=111.0

NEIC 17 00:13:42.1-1.5, 14.70N, 0.07-146.4E, 0.1, h49km, 11km, mb4.4/26, Error ellipse: s-maj=16.6km s-min=9.5km az=72.0

ISC 17 00:13:42.7-1.1, 14.8N, 0.2-146.4E, 0.2, h58km, m42, c1919/34, mb4.3/19, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h m s, Res. Includes stations like GUMU Guam, PATS Pohnpai, H11S3 WAKE ISLAND Hy, etc.

1150

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h m s, Res. Includes stations like Novinta Ridge, Kuna River, Indian Mountain, etc.

IDC 17 00:21:03.5-0.4, 37.16N, 137.89E, h228km, 4km, mb3.7/21, mbmp4.4/27, Error ellipse: s-maj=12.3km s-min=11.3km az=13.0

JMA 17 00:21:03.9-0.2, 37.1N, 0.8-137.8E, h234km, 2km, MD3.9/40, MW4.1/40, OFF S NIIGATA PREF

NIED 17 00:21:03.9, 37.1N, 137.98E, h234km, MW4.3, Moment Tensor Solution, s3 Moment tensor: Scale 10^5 Nm, Mw=0.65, Ms=0.17, Mm=0.82, Mw=0.83, Mw=1.47, Mw=2.13, Fault plane solution: Ms2.79000x10^15 NP1: phi=0.0000, lambda=82.0000, lambda=55.0000, NP2: phi=109.0000, lambda=86.0000, lambda=166.0000

NEIC 17 00:21:05.1-1.8, 37.20N, 0.06-137.79E, 0.09, h227km, 5km, mb4.1/103, Error ellipse: s-maj=10.8km s-min=7.4km az=116.0

ISC 17 00:21:03.5-0.5, 37.20N, 0.05-137.92E, 0.05, h226km, 5km, n180, c1864/204, mb4.1/72, 2C-7D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h m s, Res. Includes stations like Nakama, Sado, Sado, Hegura jima, etc.

Table with columns: Station, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzO, ElO, AzP, ElP, AzM, ElM, AzR, ElR, AzS, ElS, AzO, ElO, AzP, ElP. Includes stations like HIA, XLT, DYS, HNS, HHC, PETK, SOMM, LZH, PZH, WMO, ZALV, MK31, MKAR, MAKZ, NRIK, F15K, KURK, C16K, PRZ, L16K, C18K, J17K, G18K, H18K, C19K, M17K, N17K, F19K, D19K, L18K, E19K, H19K, BOOM, J19K, N19K, CHIR, J20K, K20K, IMAR, AAK, G21K, F21K, Q19K, H21K, BVAR, D22K, E22K, K20K, SYI, SKT, BPAW, MLY, ARSB, SUA, G23K, H23K, GHO, MDM, H24K, G24K, G24K.

Table with columns: Code, Station, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzO, ElO, AzP, ElP, AzM, ElM, AzR, ElR, AzS, ElS, AzO, ElO, AzP, ElP. Includes stations like SML, POKR, PWL, DHY, IL31, ILAR, ILAR, HDA, HDA, SCM, SCM, GLI, GLI, PRP, PRP, BTK, BTK, FID, FID, KLU, KLU, MID, MID, SARC, SARC, J26L, J26L, N25K, N25K, KAIM, KAIM, SUCK, SUCK, KZ7K, KZ7K, SIMJ, SIMJ, EGAK, EGAK, L27K, L27K, BCAR, BCAR, M27K, M27K, I28M, I28M, G29M, G29M, H29M, H29M, KBL, KBL, EPYK, EPYK, M29M, M29M, K29M, K29M, I30M, I30M, J30M, J30M, G31M, G31M, H31M, H31M, U33K, U33K, CRAG, CRAG, HATHI, HATHI, FINES, FINES, AKASO, AKASO, HFS, HFS, NB2, NB2, NOA, NOA, BRTR, BRTR, NVAR, NVAR, MLR, MLR, LANS, LANS, VRAC, VRAC, PDAR, PDAR, CLL, CLL, MMAI, MMAI, MODS, MODS, GERES, GERES, EKA, EKA, TORD, TORD.

Table with columns: ARSB, ARSB, JMU, JMU, THN, THN, THN, THN, AML, AML, NRN, NRN, UCH, UCH, DHRM, DHRM, DHRM, DHRM, EKSZ, EKSZ, KK31, KK31, KK31, KK31, KKAR, KKAR, AAK, AAK, AAK, AAK, AAK, AAK, FRU1, FRU1, ULHL, ULHL, BHK, BHK, BHK, BHK, BOOM, BOOM, CHMS, CHMS, CHMS, CHMS, SMLA, SMLA, SMLA, SMLA, HNLV, HNLV, HRA, HRA, KLP, KLP, PRZ, PRZ, MAKZ, MAKZ, MK31, MK31, MKAR, MKAR, KURB, KURB, ABKAR, ABKAR, ABKAR, ABKAR, BVAR, BVAR, AKTO, AKTO, UOSS, UOSS, LSA, LSA, ZAAO, ZAAO, ZALV, ZALV, ZALV, ZALV, SHL, SHL, SIRT, SIRT, GURO, GURO, ARPH, ARPH, LZHZ, LZHZ, LZHZ, LZHZ, GAZ, GAZ, PZH, PZH, PZH, PZH, SONM, SONM, BZK, BZK, CMAR, CMAR, HHC, HHC, HHC, HHC, FINES, FINES, ARCES, ARCES, CLL, CLL, CLL, CLL, OSSC, OSSC, ZCCA, ZCCA, ZCCA, ZCCA, TIXI, TIXI, KMBO, KMBO, KIBK, KIBK, KIBK, KIBK, CESE, CESE, CESE, CESE, ESBB, ESBB, ESBB, ESBB, ESBB, ESBB.

17C 17 00:22:32.3e2.4, 36.64N:71.17E, h244km, 24km, mb3.5/12, mbmp4.3/18, Error ellipse: s-maj=15.8km s-min=14.7km az=26.0
NMC 17 00:22:32.5i.11.0, 37.07N:70.75E, h0km, mb4.8, mpv4.4, Error ellipse: s-maj=93.2km s-min=78.7km az=153.0
NEIC 17 00:22:33.1e1.7, 36.70N:0.06e71.13E:0.07, h247km, 5km, mb4.1/97, Error ellipse: s-maj=8.7km s-min=8.1km az=106.0
ISC 17 00:22:32.5i.0.4, 36.68N:0.05e71.18E:0.05, h250km, n162, c1841/174, mb4.0/60, 6C-1D, Afghanistan-Tajikistan border region

AGG	Agios Georgios	5.74 326	P	Pn	00 25 34.8 +1.2	ASF	Jabal al Asfar	8.98 101	P	Pn	00 26 16.6 -1.6	KWP	Kalwaria Pacla	15.52 351	P	Pn	00 27 45.6 -1.5
AGG	Agios Georgios	5.74 326	UP	Pn	00 25 34.9 +1.2	TRAN	Tran	8.99 342	iP	Pn	00 26 21.4 +3.1	PRED	Cave del Predi	15.56 325	P	Pn	00 27 40.6 -7.0
HMVD	Mayadein	5.83 140	P	Pn	00 25 33.6 -1.3	GAZ	Gaziantep	9.15 69	iP	Pn	00 26 19.6 -1.0	ERBR	Yeremizino-Bor	15.58 39	eS	Pn	00 27 46.7 -1.2
HNAT	Natroun	5.86 142	P	Pn	00 25 34.2 -1.2	TIP	Timpagrande	9.18 304	Pn	Pn	00 26 19.5 -1.4	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
RYAN	Fayoum	6.16 147	P	Pn	00 25 37.9 -1.6	TIP	Timpagrande	9.18 304	iP	Pn	00 26 20.2 -0.7	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
KOT	Kottamia	6.32 133	P	Pn	00 25 39.2 -2.5	MPEP	Malp Peshtene	9.24 347	iP	Pn	00 26 24.2 +2.5	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
LKD2	Lefkada island	6.45 315	iP	Pn	00 25 43.9 +0.4	PUK	Puka	9.27 328	iP	Pn	00 26 20.3 -1.8	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
HHAG	Hagoal	6.47 131	P	Pn	00 25 43.2 -0.5	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
ALN	Alexandroupoli	6.54 357	Pn	Pn	00 25 43.5 -1.1	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
ALN	Alexandroupoli	6.54 357	Pn	Pn	00 25 43.5 -1.1	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
ALN	Alexandroupoli	6.54 357	iP	Pn	00 25 46.0 +1.4	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
YLV	Yalova	6.61 119	P	Pn	00 25 45.2 -0.5	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
NBNS	Bani Suef	7.03 143	P	Pn	00 25 50.5 -0.9	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
IGT	Igoumenitsa	7.15 318	iP	Pn	00 25 51.9 -1.1	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
MDUB	Mudurnu	7.16 303	UP	Pn	00 25 52.4 +0.9	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
MDUB	Mudurnu	7.16 303	UP	Pn	00 25 54.1 +1.1	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
OFRI	Ofer	7.30 101	P	Pn	00 25 53.2 -2.0	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
OFRI	Ofer	7.30 101	P	Pn	00 25 52.5 -2.7	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
HNTI	Hanita	7.34 97	P	Pn	00 25 54.1 -1.6	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
HNTI	Hanita	7.34 97	P	Pn	00 25 54.1 -1.6	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
HFRF	Wahat Farafira	7.35 167	P	Pn	00 25 53.0 -2.8	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
BR231	Keskin MP Arra	7.43 41	P	Pn	00 25 56.6 -0.4	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
BLGI	Bet Lehem Hage	7.44 100	P	Pn	00 25 56.9 -0.1	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
SLTI	Salit	7.46 104	P	Pn	00 25 54.9 -2.4	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
SLTI	Salit	7.46 104	P	Pn	00 25 54.9 -2.4	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
RZN	Rozhen	7.46 350	iP	Pn	00 25 59.2 +1.7	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
KZIT	Kziot	7.50 115	P	Pn	00 25 57.0 -0.8	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
KZIT	Kziot	7.50 115	S	Sn	00 27 16.0 -5.8	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
KZIT	Kziot	7.50 115	P	Pn	00 25 55.7 -2.2	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
MNB	Musomishta	7.50 344	iP	Pn	00 26 00.1 +2.2	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
MMAA	Mount Meron ar	7.52 109	S	Sn	00 27 20.2 -4.4	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
MMAA	Mount Meron ar	7.54 98	S	Sn	00 27 18.2 -4.8	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
MMAA	Mount Meron ar	7.54 98	P	Pn	00 25 56.9 -1.6	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
MMAI	Mount Meron Ar	7.54 98	Pn	Pn	00 25 56.0 -2.5	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
MMAL	comp=N,32nm,0.3s,baz=282,slow=12,SNR=103				00 27 18.8 -4.2	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
DQRL	Deir Qanun	7.56 92	eP	Pn	00 25 56.4 -2.4	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
KEK	Kerkira	7.57 317	Pn	Pn	00 25 57.9 -0.9	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
KEK	Kerkira	7.57 317	UP	Pn	00 25 57.9 -0.9	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
SRN	Sarande	7.57 319	iP	Pn	00 25 57.4 -1.3	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
FNA	Florida	7.60 329	iP	Pn	00 25 58.5 -0.7	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
FNA	Florida	7.60 329	iP	Pn	00 25 59.5 +0.3	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
FNA	Florida	7.60 329	P	Pn	00 25 58.5 -0.7	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
FNA	Florida	7.60 329	iP	Pn	00 26 00.2 +1.0	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
BHL	Bhannee	7.61 91	eP	Pn	00 25 56.5 -2.9	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
AMAZ	Amatzia	7.62 109	S	Sn	00 27 20.2 -4.4	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
AMAZ	Amatzia	7.62 109	P	Pn	00 25 54.2 -2.1	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
VAY	Valandovo	7.62 337	iP	Pn	00 26 02.0 +2.6	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
KIRS	Kirsehir-Merke	7.63 49	iP	Pn	00 26 00.3 +0.5	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
TAMRE	El Minia	7.65 149	P	Pn	00 25 58.5 -1.5	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
QRWL	Qaraoum	7.68 93	eP	Pn	00 25 58.2 -2.1	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
MMLI	Mount Malkishu	7.71 102	S	Sn	00 27 12.2 -5.7	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
MMLI	Mount Malkishu	7.71 102	S	Sn	00 25 58.0 -2.8	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
DIM	Dimitrovgrad	7.72 355	iP	Pn	00 25 58.2 +1.4	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
GEM	Giv'at Ha'Em	7.72 96	P	Pn	00 25 58.8 -2.1	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
GEM	Giv'at Ha'Em	7.72 96	P	Pn	00 25 58.8 -2.1	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
GEM	Giv'at Ha'Em	7.72 96	P	Pn	00 25 58.5 -2.3	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
GEM	Giv'at Ha'Em	7.72 96	iP	Pn	00 25 58.7 -2.1	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
KBN	Korca	7.73 326	iP	Pn	00 26 01.5 +0.5	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
KBN	Korca	7.73 326	iP	Pn	00 26 02.7 +1.6	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
KBN	Korca	7.73 326	iP	Pn	00 26 01.5 +0.5	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
SHBL	Chebbaa	7.75 95	eP	Pn	00 25 59.1 -2.5	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
NATI	Neve Ativ	7.77 95	P	Pn	00 25 59.4 -2.1	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
NATI	Neve Ativ	7.77 95	P	Pn	00 25 59.1 -2.4	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
ZAHL	Zahle	7.80 91	eP	Pn	00 26 00.1 -2.0	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
RCY	Rachaya	7.81 94	eP	Pn	00 26 00.3 -2.0	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
BR105	Keskin Array S	7.82 45	P	Pn	00 26 02.0 +0.3	CEL	Celeste	9.40 298	iP	Pn	00 26 21.9 -2.0	ERBR	Yeremizino-Bor	15.58 39	eS	Sn	00 30 37.3 -2.1
HWQ	Hawqa	7.82 88	eP	Pn	00 26 00.8 -1.6	CEL	Celeste	9.									

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Table with columns for station ID, name, coordinates, and status. Includes stations like Kent School, Sinclair Lake, Williamstown, Palisades, Walton, Prince Edward, Deloro Mine, Meade River, Binghamton, Stokes Point, Jago River, Itkillik River, Keystone Colle, Franklin Bluff, Malcolm River, Malcolm River, Itkillik River, Kokolik River, Kavik River, Kavik River, Inuvik, Inuvik, Inuvik, Ussuriysk Arra, Ussuriysk Arra, Happy Valley, Happy Valley, Lookout Ridge, Knifeblade Rid, Posyet, Mt. Morris Dam, Babbage River, Babbage River, Blow River, Blow River, Greenwood, Nanushuk River, Nanushuk River, Ayikyak River, Ayikyak River, Sumbury, Utukok River, Utukok River, Vladivostok, Etivluk River, Delong Moutai, Toolik Lake Re, Toolik Lake Re, Lisburne Hills, Coleen River, Coleen River, Millersville, Kuna River, Kuna River, West Valley, Tsigiehtchic, Barrier River, Killik River, Killik River, Red Dog Mine, Nigu River, Your Creek, Your Creek, Anaktuvuk Pass, Anaktuvuk Pass, Old Crow, Old Crow, Chandalar, Chandalar, Wonju Array Be, Wonju Array Be, Korea Array, Korea Array.

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Table with columns for station ID, name, coordinates, and status. Includes stations like Korea Array, Satah River, Satah River, Noatak River, Sheenjek River, Sheenjek River, Soldier's Deli, Chin-men Tao, Taejon, Ahoi Zraii Nji, Christian River, Christian River, Burnt Mountain, Squaw Lake, Squaw Lake, Pine Creek, Pine Creek, Tukpahlearkic, Erie, John River, Redstone River, Redstone River, Yellowknife Ar, Yellowknife Ar, Hotham Inlet, Coldfoot, Alatina River, Alatina River, Porcupine River, Porcupine River, Doyon Strip, Eagle Plains, Eagle Plains, Avaraart Lake, Avaraart Lake, Bettles, Bearman Lake, Peel River, Peel River, Whitestone, Whitestone, Shalerucik Mo, Shalerucik Mo, Hadweenciz Riv, Hadweenciz Riv, Fort Yukon, Fort Yukon, Banaza Creek, Banaza Creek, Selawik, Selawik, Steamboat Moun, Baldwin Pennin, Baldwin Pennin, Allakaket, Allakaket, Birch Creek, Birch Creek, Iet Lapin Mar, Iet Lapin Mar, TNA, TNA, Mont Chateau, Purcell Mounta, Purcell Mounta, Purcell Mounta, Wrigley, Wrigley, Wrigley, Mount Dempster, Mount Dempster, Savane Anotles, North Star Dit, North Star Dit, Kandik River, Miner Creek, Miner Creek, Indian Mountai, Indian Mountai, Tagagawik, Tagagawik, Arctic Creek, Arctic Creek, Noodor Dome, Noodor Dome, Ishlailuk, Ishlailuk, Yukon River, Yukon River, Yukon River, Porcupine Dome, Porcupine Dome, Melozitna River, Melozitna River, Kwaiik Mounta, Kwaiik Mounta, Coal Creek Min, Coal Creek Min, Coal Creek Min, Coal Creek Min.

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Table with columns for station ID, name, coordinates, and status. Includes stations like Koyuk River, Koyuk River, Roundabout Mou, Roundabout Mou, Anotlesee Mo, Anotlesee Mo, Hart River, Hart River, Niukluk, Niukluk, Eagle, Eagle, Poker Plat Res, Poker Plat Res, Poker Plat Res, Poker Plat Res, Honhosa River, Honhosa River, Honhosa River, Minto, Yukon-K, Yuzh-Sakhalins, Granite Mounta, Granite Mounta, Manley, Manley, Murphy Dome, Murphy Dome, Nome, Nome, COLA College, COLA College, Eielson Array, Eielson Array, Eielson Array, Eielson Array, Elim, Elim, Conover, Conover, Gambell, Gambell, Salcha River, Salcha River, Joseph Creek, Joseph Creek, Naaghedeneel, Naaghedeneel, Galena City Sc, Galena City Sc, Clear Creek Bu, Clear Creek Bu, Dawson, Dawson, Dawson, Dawson, Barlow Dome, Barlow Dome, Nenana, Nenana, Mlet Yukon, Mlet Yukon, Harding Lake, Harding Lake, Harding Lake, Chicken, Chicken, Lac du Bonnet, Lac du Bonnet, Sand Creek, Sand Creek, Sand Creek, Sand Creek, Nowinta River, Nowinta River, Nowinta River, Nowinta River, Bear Paw Mtn, Bear Paw Mtn, Bear Paw Mtn, Bear Paw Mtn, Unalakleet, Unalakleet, Poorman, Poorman, Donnelly Dome, Donnelly Dome, Independent Ri, Independent Ri, Independent Ri, Independent Ri, Patillas Dam, Patillas Dam, Lake Minchumin, Lake Minchumin, L29M, L29M, L29M, L29M, MCKinley, MCKinley, Hyland Airport, Hyland Airport, Nakatsue, Nakatsue, Faro, Faro, Faro, Faro, Kanishna Hill, Kanishna Hill, Beaver Creek A, Beaver Creek A, Beaver Creek, Beaver Creek, Minto, Yukon, Minto, Yukon, Innoko River, Innoko River, VABM Dome, VABM Dome, Reinder, Reinder, Anvik River, Anvik River, Drury Creek, Y, Drury Creek, Y, Log Cabin Wild, Log Cabin Wild, Telida, Telida, Telida, Telida, Farmland, Farmland, Asahikawa, Asahikawa, Asahikawa, Asahikawa, Kamikawa-asahi, Kamikawa-asahi, Mentasta, Mentasta, Kotaneelee Air, Kotaneelee Air.

M29M	Somme Creek	82.78 353	Iamb	Iamb	00 36 33.5
D9Y	Somme Creek	82.78 353	P	P	00 36 31.7 +0.4
M29M	Denali Highway	82.78 357	Iamb	Iamb	00 36 42.1
DHY	Denali Highway	82.78 357	P	P	00 36 31.0 -0.4
PAX	Paxson	82.80 356	P	P	00 36 31.4 0.0
P49A	Miami Univ. Ec	82.84 313	P	P	00 36 33.3 +1.4
J14K	Nanvaranank Lak	82.90 5	P	P	00 36 31.7 -0.1
L44A	Lake County Fo	83.01 317	P	P	00 36 32.9 +0.2
WAT1	Susitna Watana	83.07 358	P	P	00 36 33.7 +0.9
PPLA	Purkeypile	83.08 359	Iamb	Iamb	00 36 45.0
PPLA	Purkeypile	83.08 359	P	P	00 36 32.6 -0.3
PPLA	Purkeypile	83.08 359	P	P	00 36 33.1 +0.2
PETK	Petrovskovsk	83.14 27	LR	LR	01 17 00.5
M27K	Edge Creek, AK	83.17 355	P	P	00 36 33.9 +0.5
M27K	Edge Creek, AK	83.17 355	P	P	00 36 33.9 +0.5
K17K	Iditarod	83.19 2	P	P	00 36 32.8 -0.5
M26K	Nabesna, AK	83.21 355	P	P	00 36 34.4 +0.9
M26K	Nabesna, AK	83.21 355	P	P	00 36 34.5
M26K	Nabesna, AK	83.21 355	P	P	00 36 33.7 +0.2
WAT6	Susitna Watana	83.29 357	P	P	00 36 34.5 +0.4
HARP	HAARP	83.35 356	P	P	00 36 34.9 +0.7
N32M	Quiet Lake	83.39 350	P	P	00 36 35.2 +0.8
N32M	Quiet Lake	83.39 350	P	P	00 36 35.2 +0.8
R50A	Paris	83.39 312	P	P	00 36 35.1 +0.3
R50A	Paris	83.39 312	Iamb	Iamb	00 36 47.0
N31M	Braeburn, Yuko	83.42 352	P	P	00 36 34.5 0.0
N31M	Braeburn, Yuko	83.42 352	P	P	00 36 35.1 +0.6
N30M	Aishikik Lake	83.60 352	P	P	00 36 35.7 +0.2
N30M	Aishikik Lake	83.60 352	P	P	00 36 35.2 -0.3
YUK3	Moose Creek	83.63 354	P	P	00 36 36.2 +0.4
K13K	Kusilvak Mount	83.83 5	P	P	00 36 35.7 +0.2
M24K	Tolsona, Glenn	83.70 357	P	P	00 36 37.2 +1.2
M24K	Tolsona, Glenn	83.70 357	P	P	00 36 37.4 +1.4
WTLY	Watson Lake, Y	83.70 348	Iamb	Iamb	00 36 38.4
WTLY	Watson Lake, Y	83.70 348	P	P	00 36 35.8 -0.2
L18K	Granite Mounta	83.73 1	P	P	00 36 35.2 -0.8
L17K	Donlin	83.78 2	P	P	00 36 37.2 +0.9
JFWS	Jewell Farm	83.83 319	P	P	00 36 37.4 +0.5
JFWS	Jewell Farm	83.83 319	Iamb	Iamb	00 36 38.7
JFWS	Jewell Farm	83.83 319	P	P	00 36 37.4 +0.5
LIRD	Liard River Hi	83.86 346	P	P	00 36 37.7 +0.9
YUK4	Talbot Arm	83.88 353	P	P	00 36 37.7 +0.6
R49A	Shelbyville	83.90 313	P	P	00 36 38.1 +0.7
SKT	Skwentna	84.00 359	Iamb	Iamb	00 36 37.4 -0.1
SKT	Skwentna	84.00 359	P	P	00 36 39.7
SKT	Skwentna	84.00 359	P	P	00 36 37.1 -0.4
YUK8	Steele Glacier	84.05 353	P	P	00 36 38.1 0.0
M23K	Glacier View	84.08 357	P	P	00 36 38.5 +0.6
M19K	Big River Lodg	84.08 0	P	P	00 36 37.0 -0.9
L15K	Ungalak Mounta	84.09 4	P	P	00 36 37.7 -0.2
WHY	Whitehorse	84.11 351	P	P	00 36 38.1 0.0
WHY	Whitehorse	84.11 351	P	P	00 36 37.6 -0.6
M20K	Styx River	84.11 360	P	P	00 36 38.1 0.0
CGM3	Chitina, Valde	84.11 356	P	P	00 36 37.9 -0.2
O30N	Mendenhall	84.15 352	P	P	00 36 38.3 0.0
BLO	Bloomington	84.15 314	P	P	00 36 39.4 +0.7
BLO	Bloomington	84.15 314	Iamb	Iamb	00 36 45.0
BLO	Bloomington	84.15 314	P	P	00 36 39.4 +0.7
L16K	Owhat River	84.16 3	P	P	00 36 38.1 -0.1
TOAD	Toad River Com	84.20 346	P	P	00 36 39.4 +0.8
MCARA	McCarthy VSAT	84.22 355	P	P	00 36 40.4 +1.8
MCARA	McCarthy VSAT	84.22 355	P	P	00 36 40.1 +1.5
YUK6	Outpost Mounta	84.24 353	P	P	00 36 39.6 +0.6
P33M	Teslin, Yukon	84.25 350	P	P	00 36 39.1 +0.2
P33M	Teslin, Yukon	84.25 350	P	P	00 36 39.2 +0.4
HYT	Haines Junctio	84.26 352	P	P	00 36 40.1 +1.1
HYT	Haines Junctio	84.26 352	Iamb	Iamb	00 36 41.2
HYT	Haines Junctio	84.26 352	P	P	00 36 39.9 +0.9
L14K	Kuka Creek	84.36 4	P	P	00 36 38.0 -1.2
SKA	Knik Glacier	84.49 358	P	P	00 36 39.7 -0.2
SNU	Susitna One	84.50 359	P	P	00 36 40.4 +0.2
T50A	Nancy	84.50 311	Iamb	Iamb	00 36 42.8
CTG	Chitina Glacier	84.50 354	P	P	00 36 40.7 +0.4
M17K	Holittna River	84.53 2	P	P	00 36 40.8 +0.6
O28M	Mount Upton	84.59 353	P	P	00 36 41.4 +0.5
WCI	Wyandotte Cave	84.62 313	P	P	00 36 42.3 +1.2
WCI	Wyandotte Cave	84.62 313	P	P	00 36 42.3 +1.2
BMRM	Bremner River	84.74 356	P	P	00 36 42.8 +1.5
R33M	Jennings River	84.74 349	P	P	00 36 42.1 +0.6
R33M	Jennings River	84.74 349	P	P	00 36 42.6 +1.2
N20K	Mount Spurr	84.78 359	P	P	00 36 42.6 +1.0
SPCR	Spurr Chakaka	84.78 359	P	P	00 36 42.3 +0.8
R01K	Rabbit Creek A	84.85 358	P	P	00 36 40.1 -0.6
P30M	Million Dollar	84.89 352	P	P	00 36 42.8 +0.8
O29M	Mount Kennedy	84.89 353	P	P	00 36 42.4 +0.2
O29M	Mount Kennedy	84.89 353	Iamb	Iamb	00 36 56.6
O29M	Mount Kennedy	84.89 353	P	P	00 36 41.8 -0.4
P32M	Atlin	84.98 350	P	P	00 36 42.3 -0.2
M11K	Mekoryuk	85.03 6	P	P	00 36 41.0 -1.7
MJB9	Matsu-Tunnel	85.03 49	P	P	00 36 43.8 +0.6

PWL	Port Wells	85.04 357	P	P	00 36 41.4 -1.3
MAJO	Matsushiro	85.04 49	P	P	00 36 43.5 +0.3
MAJO	Matsushiro	85.04 49	P	P	00 36 43.5 +0.3
MJAR	Matsushiro Arr	85.04 49	P	P	00 36 43.4 +0.1
MJAR	Matsushiro Arr	85.04 49	LR	LR	01 18 26.8
MJAO	Matsu Arr-Jizo	85.06 49	eP	eP	00 36 44.4 +1.0
MJAO	Matsu Arr-Jizo	85.06 49	P	P	00 36 44.4 +1.0
M15K	Kasigluk River	85.11 4	P	P	00 36 41.4 -1.7
257A	Skidaway Islan	85.16 306	P	P	00 36 45.0 +1.1
N19K	Bonanza Creek	85.18 0	P	P	00 36 43.3 -0.2
EYAK	Cordova Ski Ar	85.23 356	P	P	00 36 42.0 -1.7
N18K	Kilae Creek	85.29 1	P	P	00 36 43.8 -0.3
N18K	Kilae Creek	85.29 1	Iamb	Iamb	00 36 55.2
SKAG	Skagway	85.33 351	P	P	00 36 44.6 +0.4
SKAG	Skagway	85.33 351	Iamb	Iamb	00 36 49.9
SKAG	Skagway	85.33 351	P	P	00 36 44.6 +0.4
Q32M	Nakina River	85.37 349	P	P	00 36 45.2 +0.6
Q32M	Nakina River	85.37 349	Iamb	Iamb	00 37 02.7
Q32M	Nakina River	85.37 349	P	P	00 36 43.8 -0.9
OLIL	Olney	85.37 314	P	P	00 36 44.7 -0.1
U49A	Red Boiling Sp	85.41 312	P	P	00 36 44.5 -0.5
N17K	Nushagak Hills	85.42 2	P	P	00 36 44.0 -0.6
N16K	Nishlik Lake	85.42 3	P	P	00 36 43.8 -0.9
P29M	Windy Craggy	85.46 352	P	P	00 36 44.0 -0.9
DLBC	Dease Lake	85.49 348	P	P	00 36 44.6 -0.5
N15K	Kwethluk River	85.67 3	P	P	00 36 45.5 -0.4
KAIM	Kayak Island	85.77 355	P	P	00 36 44.6 -1.7
O20K	Slope Mountain	85.91 360	P	P	00 36 46.0 -1.2
T47A	Sharon Grove	85.91 313	P	P	00 36 47.7 +0.2
CLTN	Cedars of Leba	86.02 312	Iamb	Iamb	00 36 48.2 +0.2
CLTN	Cedars of Leba	86.02 312	Iamb	Iamb	00 37 00.2
O18K	Koktuh Hills	86.13 1	P	P	00 36 47.1 -1.1
O17K	Kuliganek Bris	86.17 2	P	P	00 36 47.3 -1.1
S34M	Telegraph Cree	86.18 348	P	P	00 36 50.1 +1.6
S34M	Telegraph Cree	86.18 348	P	P	00 36 49.1 +0.7
BDFB	Brasilia	86.42 248	P	P	00 36 52.6 +2.2
BDFB	Brasilia	86.42 248	LR	LR	01 17 37.0
O14K	Tiguykaiuvet M	86.52 4	P	P	00 36 47.7 -2.4
FPAL	Fort Paine	86.56 310	P	P	00 36 51.7 +0.9
FPAL	Fort Paine	86.56 310	Iamb	Iamb	00 36 53.5
P18K	Big Mountain,	86.59 1	P	P	00 36 48.1 -2.5
SLM	Saint Louis	86.69 316	P	P	00 36 52.0 +0.7
SLM	Saint Louis	86.69 316	P	P	00 36 52.0 +0.7
SLM	Saint Louis	86.69 316	P	P	00 36 52.0 +0.7
S31K	Pelican	86.90 351	P	P	00 36 53.1 +1.2
N38A	Loos South For	86.90 319	P	P	00 36 52.4 +0.1
T35M	Bob Quinn	86.91 347	P	P	00 36 52.6 +0.5
T35M	Bob Quinn	86.91 347	Iamb	Iamb	00 37 12.1
T35M	Bob Quinn	86.91 347	P	P	00 36 53.4 +1.3
WVT	Waverly	86.91 312	P	P	00 36 52.9 +0.4
WVT	Waverly	86.91 312	Iamb	Iamb	00 37 03.0
WVT	Waverly	86.91 312	P	P	00 36 52.9 +0.4
WVT	Waverly	86.91 312	P	P	00 36 52.9 +0.4
S32K	Killsnoo	87.15 350	P	P	00 36 53.4 +0.3
152A	Waverly Hill	87.18 308	Iamb	Iamb	00 37 05.1
FVM	French Village	87.23 315	P	P	00 36 54.0 +0.1
FVM	French Village	87.23 315	P	P	00 36 54.1 +0.1
FVM	French Village	87.23 315	P	P	00 36 54.0 +0.1
CGM3	Cape Girardeau	87.24 314	Iamb	Iamb	00 37 05.9
SIT	Sitka	87.65 350	P	P	00 36 56.3 +0.7
CCM	Cathedral Cave	87.66 316	P	P	00 36 56.4 +0.4
CCM	Cathedral Cave	87.66 316	Iamb	Iamb	00 36 57.8
CCM	Cathedral Cave	87.66 316	P	P	00 36 56.4 +0.4
CCM	Cathedral Cave	87.66 316	P	P	00 36 56.4 +0.4
DWPF	Disney Wilders	87.80 303	P	P	00 36 57.7 +0.8
P38A	Dawn	87.88 318	Iamb	Iamb	00 36 58.8
KDKA	Kodiak Island	88.22 360	P	P	00 36 58.5 +0.3
242A	Van Buren	88.27 315	Iamb	Iamb	00 37 11.0
R16K	Pilot Point	88.37 2	P	P	00 36 59.3 +0.3
LRAL	Lakeview Retre	88.41 310	P	P	00 36 59.9 +0.4
R18K	Kariuk	88.43 1	P	P	00 36 58.9 -0.4
OHAK	Old Harbor	88.78 360	P	P	00 37 00.8 -0.1
LAO	LASA Array	88.80 330	P	P	00 37 02.7 +1.3
K30B	Basset	88.87 323	P	P	00 37 01.8 0.0
S14K	Fog Glacier	89.57 3	P	P	00 37 04.3 -0.5
RSSD	Black Hills	89.86 327	P	P	00 37 06.9 +0.3
RSSD	Black Hills	89.86 327	Iamb	Iamb	00 37 18.0
RSSD	Black Hills	89.86 327	P	P	00 37 06.9 +0.3
RSSD	Black Hills	89.86 327	P	P	00 37 06.9 +0.3
CHIR	Chirikof Islan	90.17 1	P	P	00 37 07.0 -0.4
SDPT	Sand Point	90.46 4	P	P	00 37 08.2 -0.6
DIB	Dawson Inlet,	90.91 348	P	P	00 37 10.8 -0.2
CHNA	Chernabura Isl	91.02 4	P	P	

17d Oh

Table with columns: ARMA, Armadale, 20.88 221, P, P, 00 28 48.1 +1.7, etc. Lists various locations and their associated data points.

2018 SEP

Table with columns: RPZ, Rata Peaks, 28.41 175, P, P, 00 29 57.3 +0.7, etc. Lists various locations and their associated data points.

1158

Table with columns: JOHN, Johnston Island, 39.14 36, P, P, 00 31 30.9 +1.4, etc. Lists various locations and their associated data points.

17d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARRO, TERO, OFFI, GIGS, SNTG, etc.

ASRS 17:00:48:59.8:0.9,47°N,4°E, h10km, MLh3.0/8, Error ellipse: s-maj=9.2km s-min=5.9km az=169.0, confirmed SOME 17:00:48:59.9,47.08N,84.97E,h5km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZSN, MK31, MAKZ, etc.

TEH 17:01:01:24.6,34°68N,46°32E, h10km, MLh2.8 ISN 17:01:01:25.0,1.3,34°66N,46°26E, h18km,16km, ML2.6

2018 SEP

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Devils Point, LIFOU, Mare, Loyalty, etc.

ISC 17:01:03:33.4:0.5,19°33S,0°05'168.12E,0°07,h26km,n75, 11m,0.3s,baz=171,slow=20,SNR=148

1162

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

Table with columns: ID, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like G003 Copiap, G001 Chuquiza, G002 Chuquiza, etc.

IDC 17 02:01:37.2±0.5, 24.655±176.02W, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=175.7km

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

IDC 17 02:01:37.2±0.5, 24.655±176.02W, h0km, mb4.7/20, mbtmp4.6/23, ML4.2/3, MS4.3/34, Error ellipse:

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BELA Belgrano 2, ADK Adak, PMSA Palmer Station, etc.

IDC 17 02:01:39.2±0.3, 24.688±175.48W, 0.05, h19km, #396, #174/531, mb5.1/94, MS4.5/40, 1C-4D, South of Tonga Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RAO Raoul Island, NIUE Niue, NSFV Nonsavu, etc.

Main table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TBI Tubuai, WHZ Wether Hill, PPT2 Papeete, etc.

Main table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like VNA3 Neumayer Olymp, J05D Fort Rock, Q17K Contact Creek, etc.

17d 2h

2018 SEP

1164

PMR	comp=Z,21nm,1.4s	88.56	12	P	P	02 14 31.4 +1.2
S31K	Palmer	88.56	12	P	P	02 14 30.5 0.0
S31K	Pelican	88.61	20	P	IAmb	02 14 33.8
S31K	SS1K	comp=Z,14nm,1.1s	88.61	20	P	02 14 31.6 +1.1
J17K	VADM Dome	88.73	7	P	P	02 14 32.7 +1.7
CMIG	Matias Romero	88.80	71	LR	LR	02 48 31.7
MESA	MESA	88.89	16	P	P	02 14 33.9 +1.8
SML	Sawmill	88.91	13	P	P	02 14 33.5 +1.6
BMRM	Bremner River	88.95	14	P	P	02 14 33.9 +1.8
M23K	Glacier View	89.02	13	P	P	02 14 33.8 +1.4
I17K	Unalakleet	89.03	6	P	P	02 14 33.5 +1.2
J18K	Innoko River	89.09	8	IAmb	IAmb	02 14 35.7
J18K	Innoko River	89.09	8	P	P	02 14 33.8 +1.1
YAH	Yahits	89.10	16	IAmb	IAmb	02 14 36.7
CRQE	Cirque	89.11	15	P	P	02 14 34.4 +1.5
PNL	Peninsula	89.12	17	P	P	02 14 34.4 +1.5
KLU	Klutina	89.12	14	P	P	02 14 34.5 +1.5
SCM	Sheep Creek Mo	89.14	13	P	P	02 14 34.7 +1.7
TGL	Tana Glacier	89.17	15	P	P	02 14 35.1 +1.8
PPLA	Purkeypie	89.22	10	P	P	02 14 34.7 +1.3
PNM	Pinnacle	89.25	17	P	P	02 14 35.1 +1.5
BCBP	Bancas Point	89.30	17	IAmb	IAmb	02 14 38.0
TABL	Table Mountain	89.32	16	IAmb	IAmb	02 14 55.6
K20K	Telida	89.36	9	P	P	02 14 35.6 +1.7
GRNC	Granite Creek	89.42	16	IAmb	IAmb	02 14 52.3
NEW	Newport	89.43	35	LR	LR	02 55 06.3
VRDI	Verde Repeater	89.44	15	IAmb	IAmb	02 14 38.5
S22A	JUR Ranch, Cre	89.46	48	P	P	02 14 36.8 +1.3
S22A	JUR Ranch, Cre	89.46	48	P	P	02 14 37.4 +2.0
N25K	Chitina, Valde	89.51	14	IAmb	IAmb	02 14 38.1
N25K	Chitina, Valde	89.51	14	P	P	02 14 36.8 +2.0
GLB	Gilahina Butte	89.55	15	IAmb	IAmb	02 14 39.0
P29M	Windy Craggy	89.55	18	P	P	02 14 36.9 +2.0
H16K	Elim	89.62	6	P	P	02 14 36.8 +1.7
M24K	Tolsona, Glenn	89.62	13	P	P	02 14 37.1 +1.9
MCARA	McCarthy VSAT	89.68	15	IAmb	IAmb	02 14 39.6
MCARA	McCarthy VSAT	89.68	15	P	P	02 14 37.0 +1.5
LOGN	Logan Glacier	89.69	16	IAmb	IAmb	02 14 39.0
CTG	Chitna Glacier	89.72	16	P	P	02 14 37.1 +1.2
CTGM	Chitina Glacier	89.72	16	IAmb	IAmb	02 14 39.2
WAT6	Susitna Watana	89.73	12	P	P	02 14 37.0 +1.1
J19K	Poorman	89.74	9	P	P	02 14 37.4 +1.7
PLBC	Pleasant Camp	89.80	19	P	P	02 14 37.7 +1.6
WAT1	Susitna Watana	89.80	12	P	P	02 14 37.3 +1.2
T35M	Bob Quinn	89.81	23	P	P	02 14 38.1 +1.9
G15K	Niukluk	89.82	5	P	P	02 14 37.9 +1.8
O28M	Mount Upton	89.85	16	P	P	02 14 37.9 +1.2
O29M	Mount Kennedy	89.88	17	IAmb	IAmb	02 14 55.0
O29M	Mount Kennedy	89.88	17	P	P	02 14 38.2 +1.7
KTH	Kantishna Hill	90.05	11	P	P	02 14 37.2 0.0
HNS	HongShan	90.07	312	P	Pmax	02 14 38.8 +1.0
HNS	HNS	comp=Z,18nm,1.8s				
HEH	Heihe	90.08	327	eP	Pmax	02 14 38.8 +1.2
HARH	HAARP	90.10	14	P	P	02 14 38.9 +1.5
SKAG	Skagway	90.11	19	IAmb	IAmb	02 14 42.8
SKAG	Skagway	90.11	19	P	P	02 14 39.7 +2.2
J20K	Nowinta River	90.12	9	IAmb	IAmb	02 14 39.7
J20K	Nowinta River	90.12	9	P	P	02 14 38.9 +1.4
H17K	Granite Mounta	90.14	7	P	P	02 14 39.3 +1.8
F14K	Arctic Creek	90.14	4	P	P	02 14 38.7 +1.2
P30M	Million Dollar	90.18	18	P	P	02 14 39.6 +1.7
LYN	LuoYang	90.18	308	eP	Pmax	02 14 39.3 +0.9
LYN	LYN	comp=Z,29nm,1.5s				
LYN	LYN	comp=Z,390nm,3.8s				
LYN	LYN	comp=Z,2um,12.0s				
LYN	LYN	comp=Z,2um,14.4s				
LYN	LYN	comp=Z,5um,11.0s				
S34M	Telegraph Cree	90.22	22	P	P	02 14 40.1 +2.0
DHY	Denali Highway	90.25	12	P	P	02 14 39.7 +1.4
RND	Reindeer	90.27	12	IAmb	IAmb	02 14 41.0
GCSA	Galena City Sc	90.30	8	P	P	02 14 39.9 +1.7
YUK8	Staele Glacier	90.39	16	P	P	02 14 40.4 +1.3
PDAR	Pinedale Array	90.43	42	eP	Pmax	02 14 41.5 +1.7
PDAR	PDAR	comp=Z,45nm,18.2s,baz=256,slow=33				02 51 18.1
YUK6	Outpost Mounta	90.47	17	P	P	02 14 40.9 +1.4
F15K	North Star Dit	90.48	4	P	P	02 14 40.9 +1.8
H18K	Honhosa River	90.52	7	P	P	02 14 40.3 +1.0
PAX	Paxson	90.54	13	P	P	02 14 40.4 +0.8
BPAW	Bear Paw Mtn.	90.54	10	P	P	02 14 40.5 +1.0
MCK	McKinley	90.56	11	P	P	02 14 40.7 +1.1
M26K	Nabesna, AK	90.58	14	IAmb	IAmb	02 14 43.2
M26K	Nabesna, AK	90.58	14	P	P	02 14 41.2 +1.5
HYT	Haines Junctio	90.61	18	P	P	02 14 41.4 +1.4
G17K	Kiwaliik Mounta	90.61	6	P	P	02 14 41.7 +1.9
YUK3	Moose Creek	90.64	16	P	P	02 14 42.0 +1.8

Q32M	Nakina River	90.66	21	P	P	02 14 42.4 +2.0
I20K	Naghdeneel	90.66	9	P	P	02 14 41.7 +1.8
P32M	Atlin	90.70	20	P	P	02 14 42.9 +2.5
YUK4	Talbot Arm	90.73	17	P	P	02 14 43.0 +2.4
M27K	Edge Creek, AK	90.80	15	P	P	02 14 42.4 +1.5
BOZ	Bozeman (W)	90.81	39	P	P	02 14 42.7 +1.4
O30N	Mendenhall	90.96	18	IAmb	IAmb	02 14 46.0
O30N	Mendenhall	90.96	18	P	P	02 14 43.7 +2.2
SEY	Seymchan	90.97	346	P	P	02 14 42.0 +0.6
DLBC	Dease Lake	91.00	22	P	P	02 14 43.7 +1.9
L26K	Log Cabin Wild	91.05	14	P	P	02 14 42.9 +1.1
H19K	Roundabout Mou	91.10	8	IAmb	IAmb	02 14 59.2
H19K	Roundabout Mou	91.10	8	P	P	02 14 42.9 +0.9
G18K	Tagagawik	91.20	7	P	P	02 14 43.2 +0.8
WHY	Whitehorse	91.21	19	P	P	02 14 44.2 +1.4
K24K	Dotely Dome	91.22	13	P	P	02 14 43.6 +1.0
N30M	Aishikik Lake	91.25	17	P	P	02 14 44.2 +1.4
H20K	Antiochegga Mo	91.27	8	P	P	02 14 44.5 +1.7
NEA2	Nenana	91.32	11	P	P	02 14 44.9 +1.8
RIDG	Independent Ri	91.36	13	IAmb	IAmb	02 14 47.0
RIDG	Independent Ri	91.36	13	P	P	02 14 44.9 +1.6
WRH	Wood River Hil	91.39	12	IAmb	IAmb	02 14 45.2
I21K	Tanana	91.39	10	P	P	02 14 44.8 +1.5
L27K	Beaver Creek,	91.42	15	P	P	02 14 45.1 +1.5
R33M	Jennings River	91.42	21	P	P	02 14 45.5 +1.7
BCAR	Beaver Creek A	91.43	15	P	P	02 14 44.2 +0.5
MLY	Manley	91.45	10	P	P	02 14 45.7 +2.0
P33M	Reslin, Yukon	91.47	20	P	P	02 14 45.6 +1.7
F17K	Baldwin Pennin	91.48	6	P	P	02 14 45.4 +1.7
HDA	Harding Lake	91.54	12	P	P	02 14 45.7 +1.6
CCB	Clear Creek Bu	91.60	12	IAmb	IAmb	02 14 47.9
G19K	Purcell Mounta	91.62	7	P	P	02 14 45.8 +1.4
N23A	Red Feather La	91.70	45	P	P	02 14 46.1 +0.4
M29M	Somme Creek	91.71	16	IAmb	IAmb	02 14 50.0
M29M	Somme Creek	91.71	16	P	P	02 14 46.2 +1.2
H21K	Meizotina Rive	91.72	9	P	P	02 14 46.0 +1.1
APG	EI Apazote	91.74	74	LR	LR	02 49 17.2
SCRK	Sand Creek	91.75	13	P	P	02 14 46.8 +1.6
I23K	Minto, Yukon-K	91.78	11	P	P	02 14 46.6 +1.5
ILAR	Eielson Array	91.88	12	P	P	02 14 46.5 +0.8
IMAR	Indian Mountai	91.89	9	P	P	02 14 45.4 -0.3
RLMT	Red Lodge	91.92	40	P	P	02 14 47.9 +1.3
RLMT	RLMT	comp=Z,9.9nm,1.4s				
APMT	Aspen	91.97	54	P	P	02 14 47.1 +0.2
J25K	Salcha River,	92.03	12	IAmb	IAmb	02 14 49.2
J25K	Salcha River,	92.03	12	P	P	02 14 48.2 +1.8
E17K	Hotlum Inlet	92.06	5	P	P	02 14 48.3 +1.6
POKR	Poker Plat Res	92.09	11	P	P	02 14 47.7 +0.6
H22K	Ishatitna Cre	92.15	10	P	P	02 14 48.1 +1.2
K27K	Chicken	92.20	14	IAmb	IAmb	02 14 50.9
K27K	Chicken	92.20	14	P	P	02 14 48.5 +1.3
F19K	Shalerucik Mo	92.20	7	IAmb	IAmb	02 14 51.1
F19K	Shalerucik Mo	92.20	7	P	P	02 14 48.1 +1.0
M30M	Minto, Yukon	92.25	17	P	P	02 14 48.7 +1.3
J26L	Joseph Creek	92.30	13	P	P	02 14 48.6 +0.9
J26L	Joseph Creek	92.30	13	IAmb	IAmb	02 14 52.0
L29M	L29M	92.35	16	P	P	02 14 49.2 +1.6
H23K	Yukon River	92.38	10	P	P	02 14 48.9 +1.0
G21K	Allakaket	92.43	9	P	P	02 14 48.8 +0.6
E18K	Tukpahleiric C	92.49	6	IAmb	IAmb	02 14 53.2
E18K	Tukpahleiric C	92.49	6	P	P	02 14 49.2 +0.8
XAN	Xian	92.50	306	P	Pmax	02 14 50.3 +1.0
XAN	XAN	comp=Z,18nm,1.3s				
XAN	XAN	comp=Z,2um,11.7s				
XAN	XAN	comp=Z,2um,12.4s				
XAN	XAN	comp=Z,3um,11.8s				
D17K	Noatak River	92.56	5	P	P	02 14 50.7 +2.0
M31M	Drury Creek, Y	92.60	18	P	P	02 14 51.2 +2.2
F20K	Avarapt Lake	92.65	8	P	P	02 14 51.5 +2.4
PRP	Purcupine Dome	92.81	12	P	P	02 14 52.1 +2.0
DAWY	Dawson	92.85	15	IAmb	IAmb	02 14 53.6
DAWY	Dawson	92.85	15	P	P	02 14 52.5 +2.3
E19K	Redstone River	92.87	7	P	P	02 14 53.1 +3.0
TOAD	Toad River Com	93.00	24	P	P	02 14 53.6 +2.6
EGAK	Eagle	93.05	14	IAmb	IAmb	02 15 08.5
EGAK	Eagle	93.05	14	P	P	02 14 53.7 +2.7
I26K	Coal Creek Min	93.09	13	P	P	02 14 54.1 +2.9
K29M	Barlow Dome	93.11	16	IAmb	IAmb	02 14 54.5
K29M	Barlow Dome	93.11	16	P	P	02 14 53.8 +2.3
CRAI	Chiangrai	93.19	291	IAmb	IAmb	02 14 55.2
KMI	Kumming	93.30	296	P	Pmax	02 14 54.3 +0.9
KMI	KMI	comp=Z,15nm,1.4s				
KMI	KMI	comp=Z,820nm,13.4s				
KMI	KMI	comp=Z,2um,15.2s				
KMI	KMI	comp=Z,2um,15.1s				
ATAH	Atahualpa	93.44	99	LR	LR	02 49 21.2

I27K	Kandik River	93.67	13	P	P	02 14 56.4 +2.5
CMAR	Chiang Mai Arr	93.68	288	P	P	02 14 55.1 +0.1
CMAR	Chiang Mai Arr	93.68	288	P	P	02 14 55.3 +0.5
E20K	Nigu River	93.75	7	P	P	02 14 56.4 +2.1
CHTO	Chiang Mai	93.83	289	P	P	02 14 53.8 -1.9
I28M	Mimer Creek	93.90	14	P	P	02 14 56.8 +1.7
TGNT	Hyland Airport	93.91	21	P	P	02 14 57.5 +2.3
HHC	Hu-ho-hao-te	93.92	313	eP	Pmax	02 14 58.1 +2.3
HHC	HHC	comp=Z,15nm,0.9s				
HHC	HHC	comp=Z,160nm,5.1s				
J30M	Hart River	94.01	16	P	P	02 14 57.7 +2.0
D20K	Etiwluk River	94.14	7	P	P	02 14 58.0 +2.0
E21K	Kilik River	94.19	8	P	P	02 14 58.5 +2.2
C19K	Lookout Ridge	94.23	6	P	P	02 14 58.4 +2.0
H27K	Steamboat Moun	94.23	13	P	P	02 14 58.2 +1.7
G26K	Porcupine Rive	94.41	12	P	P	02 14 59.1 +1.9
I30M						

TOLK	baz=259	24.49	40	P	Iamb	P	02 12 17.2 +0.5
TOLK	comp=Z,8.9nm,0.7s	24.49	40	P	Iamb	P	02 12 18.8
TOLK	Toolik Lake Re baz=263	24.49	40	P	P	P	02 12 17.8 +1.1
NEA2	Nenana	24.50	50	P	P	P	02 12 15.6 -1.2
NEA2	Nenana	24.50	50	P	P	P	02 12 17.6 +0.8
MCK	McKinley baz=274	24.61	52	P	P	P	02 12 18.6 +0.9
MSHR	Mys Shultsa	24.67	251	i	P	P	02 12 16.2 -2.2
RND	Reindeer	24.67	53	P	Iamb	P	02 12 17.6 -0.7
RND	Reindeer	24.67	53	P	P	P	02 12 17.7 -0.7
RND	comp=Z,9.0nm,0.9s	24.76	57	P	pmax	pmax	02 12 19.6 +0.6
PMR	Palmer baz=279	24.76	57	P	P	P	02 12 20.8 +1.2
D24K	Happy Valley	24.83	39	P	Iamb	Iamb	02 12 22.5
D24K	Happy Valley	24.83	39	P	P	P	02 12 20.9 +1.2
D24K	Happy Valley baz=282	24.83	39	P	P	P	02 12 20.1 +0.4
E24K	Your Creek	24.83	42	P	Iamb	Iamb	02 12 22.1
E24K	Your Creek	24.83	42	P	P	P	02 12 21.0 +1.2
E24K	Your Creek baz=285	24.86	61	P	P	P	02 12 20.9 +0.9
WAT1	Susitna Watana	24.86	54	P	P	P	02 12 20.8 +0.7
C24K	Franklin Bluff	24.95	38	P	P	P	02 12 21.9 +1.2
H24K	Noodor Dome	24.98	47	P	P	P	02 12 22.1 +1.0
F24K	Squaw Lake	25.02	43	P	P	P	02 12 22.5 +1.0
SML	Sawmill baz=279	25.10	57	P	P	P	02 12 23.3 +1.0
KNK	Knik Glacier	25.10	58	P	P	P	02 12 23.4 +1.2
POKR	Poker Plat Res baz=272	25.18	49	P	P	P	02 12 23.5 +0.6
PWL	Port Wells	25.26	59	P	P	P	02 12 23.9 +0.3
WAT6	Susitna Watana	25.27	55	P	P	P	02 12 24.0 +1.0
DHY	Denali Highway	25.37	54	P	P	P	02 12 24.7 -0.1
M23K	Glacier View	25.39	57	P	P	P	02 12 26.2 +1.4
HDA	Harding Lake	25.43	50	P	P	P	02 12 24.9 -0.2
ILAR	Eielson Array	25.43	50	P	P	P	02 12 25.0 -0.2
ILAR	Eielson Array	25.43	50	P	P	P	02 12 25.1 0.0
ILAR	comp=Z,48nm,18.1s, baz=168,slow=12					LR	02 23 27.6
SCM	Sheep Creek Mo	25.57	56	P	P	P	02 12 25.9 -0.6
SCM	Sheep Creek Mo	25.57	56	P	P	P	02 12 25.9 -0.6
SCM	comp=Z,1.2nm,0.6s					pmax	
G25K	Bearman Lake	25.70	45	P	P	P	02 12 28.6 +1.1
D25K	Kavik River	25.72	39	P	Iamb	Iamb	02 12 28.0 +0.3
D25K	Kavik River	25.72	39	P	P	P	02 12 28.8
D25K	Kavik River	25.72	39	P	P	P	02 12 28.9 +1.1
H25L	Birch Creek	25.82	46	P	P	P	02 12 29.9 +1.3
MJAO	Matsu Arr-Jizo	25.84	232	eP	pmax	pmax	02 12 27.6 -1.5
GLI	comp=Z,7.0nm,0.7s	25.85	59	P	P	P	02 12 30.2 +1.2
MJB9	Matsu-Tunnel	25.86	232	P	Iamb	Iamb	02 12 29.4 +0.1
MJB9	Matsu-Tunnel	25.86	232	P	Iamb	Iamb	02 12 30.5
MAJO	Matsushiro	25.86	232	i	P	P	02 12 28.6 -0.7
MAJO	Matsushiro	25.86	232	i	P	P	02 12 27.7 -1.6
MJAR	Matsushiro Arr	25.86	232	P	P	P	02 12 27.7 -1.6
MJAR	comp=Z,7.1nm,0.7s, baz=19,slow=8.8,SNR=18					comp=Z,7.1nm,0.7s	
F25K	Christian Rive	25.88	43	P	P	P	02 12 30.4 +1.1
PRP	Porcupine Dome	25.96	48	P	P	P	02 12 30.8 +0.6
K24K	Donnelly Dome	26.00	52	P	P	P	02 12 30.6 +0.3
FYU	Fort Yukon	26.04	45	Iamb	Iamb	Iamb	02 12 32.4
J25K	Salcha River	26.10	50	P	P	P	02 12 30.6 -0.7
J25K	Salcha River	26.10	50	P	P	P	02 12 30.9 -0.3
PAX	Paxson	26.25	54	P	P	P	02 12 34.1 +1.4
C26K	Camden Bay	26.28	38	P	P	P	02 12 34.2 +1.4
KLU	Klutina	26.29	57	Iamb	Iamb	Iamb	02 12 43.8
KLU	Klutina	26.29	57	P	P	P	02 12 34.3 +1.3
F26K	Sheenjek River	26.46	43	P	P	P	02 12 35.2 +0.7
G26K	Porcupine Rive	26.61	44	P	P	P	02 12 36.3 +0.6
SCRK	Sand Creek	26.77	51	P	P	P	02 12 37.4 0.0
J26L	Joseph Creek	26.88	50	P	P	P	02 12 38.9 +0.5
L26K	Log Cabin Wild	27.19	53	P	P	P	02 12 42.1 +1.0
G27K	Doyon Strip	27.45	45	P	P	P	02 12 44.8 +1.4
M26K	Nabesna, AK	27.47	54	P	P	P	02 12 44.9 +1.3
H27K	Steamboat Moun	27.55	46	P	P	P	02 12 45.5 +1.2
I27K	Kandik River	27.58	47	P	P	P	02 12 45.7 +1.1
K27K	Chicken	27.59	51	P	P	P	02 12 45.3 +0.7
D27M	Malcolm River	27.64	39	P	P	P	02 12 45.5 +0.4
L27K	Beaver Creek,	27.87	53	P	P	P	02 12 47.7 +0.5
EGAK	Eagle	27.88	49	P	P	P	02 12 46.6 -0.6
M27K	Edge Creek, AK	27.99	54	Iamb	Iamb	Iamb	02 13 00.2
M27K	Edge Creek, AK	27.99	54	P	P	P	02 12 49.4 +1.0
F28M	Old Crow	28.09	43	P	P	P	02 12 50.2 +1.1
E28M	Babbage River	28.16	41	P	P	P	02 12 50.4 +0.7
I28M	Miner Creek	28.29	47	P	P	P	02 12 51.9 +0.9
DAWY	Dawson	28.75	50	P	P	P	02 12 55.5 +0.4
YUK3	Moose Creek	28.77	55	P	P	P	02 12 56.3 +0.9
E29M	Blow River	28.78	41	P	P	P	02 12 56.1 +0.9
H29M	Whitestone	28.83	46	Iamb	Iamb	Iamb	02 12 59.1
H29M	Whitestone	28.83	46	P	P	P	02 12 56.6 +1.0
G29M	Pine Creek	28.88	44	P	P	P	02 12 57.3 +1.2
O28M	Mount Upton	29.16	57	P	P	P	02 12 59.5 +0.6
PINM	Pinnacle	29.33	58	P	P	P	02 13 00.6 +0.4
EPYK	Eagle Plains	29.46	45	P	P	P	02 13 02.7 +1.4
L29M	L29M	29.50	52	P	P	P	02 13 02.7 +1.0
M29M	Somme Creek	29.52	53	P	P	P	02 13 02.7 +0.8
G30M	taOh Zraii Nj	29.54	44	P	P	P	02 13 03.0 +0.8

K29M	Barlow Dome	29.60	50	P	P	P	02 13 03.1 +0.4
F30M	Barric River	29.65	43	P	P	P	02 13 04.0 +1.1
I30M	Mount Dempster	29.80	47	Iamb	Iamb	Iamb	02 13 13.2
I30M	Mount Dempster	29.80	47	P	P	P	02 13 04.6 +0.2
PNL	Peninsula	29.87	59	P	P	P	02 13 05.5 +0.2
YUK6	Outpost Mounta	29.97	56	P	P	P	02 13 06.2 +0.5
KSR5	Korea Array	30.10	247	P	P	P	02 13 05.7 -1.5
KSR5	Korea Array	30.10	247	eP	P	P	02 13 07.3 +0.1
KSR5	Korea Array	30.10	247	eP	pmax	pmax	02 13 07.3 +0.1
M30M	Minto, Yukon	30.23	53	P	P	P	02 13 09.0 +0.8
G31M	Satah River	30.34	44	P	Iamb	Iamb	02 13 08.6 -0.3
G31M	Satah River	30.34	44	P	P	P	02 13 18.6
INK	Inuvik	30.40	41	P	P	P	02 13 09.9 +0.4
INK	Inuvik	30.40	41	P	P	P	02 13 10.3 +0.9
INK	Inuvik	30.40	41	P	P	P	02 13 09.9 +0.4
HYT	Haines Junctio	30.41	56	P	P	P	02 13 10.6 +0.8
F31M	Tsiglitichic	30.45	43	P	P	P	02 13 10.6 +0.6
H31M	Peel River	30.52	46	P	P	P	02 13 12.2 +1.5
P29M	Windy Craggy	30.68	58	P	P	P	02 13 13.0 +0.9
N31M	Braeburn, Yuko	31.00	54	P	P	P	02 13 16.0 +1.1
O30N	Mendenhall	31.08	56	P	P	P	02 13 16.6 +1.0
M31M	Drury Creek, Y	31.41	53	P	P	P	02 13 19.9 +1.3
WHY	Whitehorse	31.68	56	P	P	P	02 13 21.6 +0.6
FARO	Faro, Yukon	31.87	52	P	P	P	02 13 22.8 +0.3
R32K	Eaglecrest	32.73	60	P	P	P	02 13 30.6 +0.6
P33M	Teslin, Yukon	32.80	56	P	P	P	02 13 31.7 +0.9
SIT	Sitka	32.83	62	P	P	P	02 13 32.1 +1.2
S32K	Killsnoo	33.02	61	P	P	P	02 13 33.1 +0.5
Q32M	Nakina River	33.53	58	P	P	P	02 13 38.3 +1.0
C36M	Paulatuk	33.57	38	P	P	P	02 13 38.2 +1.0
R33M	Jenatjens River	33.57	57	P	P	P	02 13 41.8 +0.7
NRIK	Noril'sk	34.69	323	i	P	P	02 13 47.2 +0.2
NRIK	Noril'sk	34.69	323	i	pmax	pmax	02 13 47.2 +0.2
DLBC	Dease Lake	34.82	58	LR	LR	LR	02 28 00.1
DLBC	Dease Lake	34.82	58	P	P	P	02 13 49.5 +1.1
SONM	Songio Array	35.16	281	P	P	P	02 13 50.4 -1.1
SONM	Songio Array	35.16	281	P	P	P	02 13 50.9 -0.6
SONM	comp=Z,2.5nm,0.6s, baz=57,slow=8.9,SNR=19					LR	02 28 46.2
T35M	Bob Quinn	35.36	60	Iamb	Iamb	Iamb	02 13 57.9
T35M	Bob Quinn	35.36	60	P	P	P	02 13 54.3 +1.4
U35K	Hyder	35.97	62	P	P	P	02 13 57.8 -0.3
H11N2	WAKE ISLAND Hy	36.31	174	T	T	T	02 52 55.4
H11N3	WAKE ISLAND Hy	36.32	174	T	T	T	02 52 57.0
H11N1	WAKE ISLAND Hy	36.33	174	T	T	T	02 52 48.8
HHC	Hu-ho-hao-te	36.63	268	i	P	P	02 14 00.8 -3.3
HHC	Hu-ho-hao-te	36.63	268	i	sP	sP	02 14 20.6 -1.1
HHC	Hu-ho-hao-te	36.63	268	i	PP	PP	02 15 28.8 +1.4
HHC	comp=Z,12nm,0.7s					pmax	pmax
HHC	comp=Z,150nm,4.9s					LR	LR
HHC	comp=N,180nm,14.5s					LR	LR
HHC	comp=E,220nm,13.1s					LR	LR
KOTAN	Kotanlee Air	36.83	53	P	P	P	02 14 06.4 +0.9
YKA	Yellowknife Ar	39.74	46	P	P	P	02 14 30.2 +0.3
WHN	Wuhan	42.60	254	i	P	P	02 14 47.3 -6.4
ZALV	Zalesovo Beam	42.85	302	LR	LR	LR	02 34 46.9
DGZ	Jazzator, Alta	44.13	295	i	P	P	02 15 05.2 -0.9
GTA	Goatai	44.20	276	P	P	P	02 15 07.0 +0.2
GTA	Goatai	44.20	276	P	sP	sP	02 15 14.3 +1.8
GTA	comp=Z,12nm,0.7s					LR	LR
GTA	comp=N,660nm,13.9s					LR	LR
GTA	comp=E,1µm,15.5s					LR	LR
GTA	comp=Z,1µm,13.5s						

comp=Z,0.8nm,0.8s,baz=58,slow=6.9,SNR=1.7
comp=Z,0.8nm,0.8s

IDC 17 02:30:30.9; 1.3, 26.94N; 130.08E, h0km, mb3.5/3,
mbtmp3.8/6, ML3.3/2, MS4.1/1, Error ellipse: s-maj=42.0km
s-min=20.8km az=82.0
JMA 17 02:30:34.2; 1.6, 26.71N; 0.6; 129.7E; 0.5, h47km, MV3.3/20,
NEAR OKINAWAJIMA ISLAND
ISC 17 02:30:32.5; 1.7, 26.75N; 0.04; 129.72E; 0.03, h14km; 11km,
n24, r126/34, mb3.6/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Yorojima, Okinoerabujima, Tokunoshima, etc.

IDC 17 02:32:07.9; 0.5, 26.72N; 129.58E, h0km, mb4.5/28,
mbtmp4.5/34, ML4.0/6, MS4.3/20, Error ellipse:
s-maj=15.4km s-min=12.4km az=77.0
BUJ 17 02:32:08.0; 0.5, 26.61N; 129.68E, h18km, mb4.6/58,
mb5.0/26, Ms4.8/57, Ms7.4/6/55
NEIC 17 02:32:09.9; 1.7, 26.71N; 0.06; 129.70E; 0.05, h10km; 1km,
mb5.0/171, Error ellipse: s-maj=11.1km s-min=7.7km
az=195.0

NIED 17 02:32:10.5; 26.71N; 129.72E, h53km, MW4.9, Moment
Tensor Solution, sz: Moment tensor: Scale: 1016Nm;
M1: -1.29; M2: 0.87; M3: 0.43; M4: 0.21; M5: 0.84; M6: -0.19;
Fault plane solution: M2: 960000*1016 NP1:
p267.00000; s78.00000; l-73.00000. NP2: p31.00000*,
s21.00000; l-144.00000
JMA 17 02:32:10.5; 0.1, 26.71N; 0.5; 129.7E; 0.4, h53km, MD4.6/23,
MW4.8/23, NEAR OKINAWAJIMA ISLAND
MOS 17 02:32:10.4; 1.0, 26.75N; 129.72E, h27km, mb5.2/40,
MS4.7/10, Error ellipse: s-maj=8.6km s-min=4.4km
az=119.0

GCMT 17 02:32:11.9; 0.4, 26.70N; 0.03; 129.58E; 0.04, h12km,
MW4.9/64, Moment Tensor Solution, s16,c17; s64,c91;
Duration: 0 Moment tensor: Scale: 1016Nm; M1: 1.52; M2: 13;
M3: 0.83; M4: 10; M5: 0.68; M6: 12; M7: 0.35; M8: 39; M9: 1.50; M10: 09;
M11: 1.88; M12: 43; Best double couple: M2: 75100*1016
NP1: p193.00000*, s69.00000*, l-125.00000. NP2:
p76.00000*, s40.00000*, l-34.00000. Principal axes: T
2.5870, Plg17.0000*, Azm308.0000; N 0.3280,
Plg32.0000*, Azm207.0000; P -2.9150, Plg53.0000*,
Azm62.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 17 02:32:12.0; 0.5, 26.73N; 0.03; 129.72E; 0.03, h27km; 3km,
h27km; p-P, n700, r1918/682, mb4.9/190, MS4.6/44,
41C-22D, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Yorojima, Okinoerabujima, Tokunoshima, etc.

Main table with columns: STA, Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Takarajima, Kumejima, Nakanoshima, etc.

Table with columns: STA, Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like XLT, XILINHAOTE, HHC, etc.

17d 2h

2018 SEP

1170

Table with columns: Station ID, Name, Comp, Z, M, P, Az, El, Az, El, Az, El, Az, El. Includes stations like SEW Seward, F24K Squaw Lake, MDM Murphy Dome, etc.

Table with columns: Station ID, Name, Comp, Z, M, P, Az, El, Az, El, Az, El, Az, El. Includes stations like CTG Chitna Glacier, G29M Pine Creek, H29M Whitestone, etc.

Table with columns: Station ID, Name, Comp, Z, M, P, Az, El, Az, El, Az, El, Az, El. Includes stations like SOC Seward, GURO Guroymak-BITLI, CRAG Craig, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Muntele Rosu, DOPR Dopca, KOLS Kolonickie sedl, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LESA Schwarzleot, SABO M.te Sabotino, WATA Walderalm, etc.

IDC 17 02:48:34.4 ± 1.5, 26.83N:130.786E, h0km, mb3.7/4, mbmp3.7/5, ML3.5/1, Error ellipse: s-maj=75.4km s-min=10.1km az=76.0

JMA 17 02:48:36.6 ± 0.1, 26.7N:0.4:129.7E:0.3, h54km, MV3.2/17, NEAR OKINAWAJIMA ISLAND

ISC 17 02:48:35.1 ± 3.4, 26.74N:0.004:129.72E:0.03, h11km, 23km, n19, c1948/30, mb3.6/4, Ryukyu Islands

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

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

CNRM 17 03:03:18.2 ± 31.83N:12.89W, h61km, ML3.0 IGL 17 03:03:19.6 ± 31.85N:13.02W, h27km, ML2.2 INMG 17 03:03:22.1 ± 1.2, 31.86N:12.96W, h34km, 18km, ML2.3

Error ellipse: s-maj=5.6km s-min=3.2km az=166.0 ISC 17 03:03:17.6 ± 1.3, 31.93N:0.07:12.92W:0.05, h35km, n36, c1982/38, Madeira Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like EAH EAH, PMPST Porto Santo, etc.

IDC 17 03:20:50.8 ± 0.8, 7.50N:126.98E, h0km, mb3.9/8, mbmp3.9/8, Error ellipse: s-maj=54.1km s-min=17.5km az=72.0

NEIC 17 03:20:57.0 ± 1.2, 7.41N:0.06:126.9E:0.1, h28km, 4km, mb4.3/21, Error ellipse: s-maj=17.3km s-min=7.5km az=104.0

ISC 17 03:20:58.5 ± 0.6, 7.40N:0.08:126.9E:0.1, h52km, n37, c1915/40, MB4.1/18, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DAV Davao City (W), FOL2 Toldo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KKAR, BVAR, E18K, D19K, IMAR, MLY, I23K, J25K, F28M, I28M, TXAR, TORD, BOA2, TRQ2.

DSN 17 03:44:15.4, 1.6, 28.20N, 56.34E, h15km, ML3,2/7, Error ellipse: s-maj=9.9km, s-min=15.0km, az=92.0

TEH 17 03:44:17.1, 28.03N, 56.32E, h7km, 138km, ML3,3

OMAN 17 03:44:19.0, 1.0, 27.91N, 56.17E, h11km, mb5.0/2, m3.2/16, Error ellipse: s-maj=8.8km, s-min=4.8km, az=35.0

IDC 17 03:44:25.6, 15.0, 2.7, 98N, 56.30E, h97km, 144km, mb3.8/4, mbmp3.8/8, Error ellipse: s-maj=40.7km, s-min=22.2km, az=155.0

ISC 17 03:44:17.9, 1.3, 28.02N, 0.04, 56.28E, 0.05, h19km, 4km, n60, i174/74, mb3.6, Southern Iran

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include IBND, GENO, KHNU, NGRK, LAR1, SHME, SHME, TVBK, BANOM, CHMN, KBAM, KHGB, UMQ, KRMI, MASF, MASF, MSFE, MDH, MDH, ZRDN, UOSS, NAZ, HATD, HATD, FAQ, FAQ, ASHO, ASHO, ASHO, ASUD, ASUD, IBAF, IMEH, SOHO, ZHDN, JRN, ISAD, ARQ, ARQ, BIDO, IKOO, KLNJ, IRAM, SMDO, SMDO, BSY, BSY, TRNA, TRNA, MZR, SMRA, SMRA, MHTO, DOK, WHFO, DMTD, RAYN, ABTO, BRTR, BVAR, MKAR, ZALV, HFS, ESDC, TORD, BOSA, IDC, NEIC, NOU, ISC, Code, Station Name, Az, Phase ID, Time, Res.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DZM, DZM, KOUNC, KOUNC, KOUNC, URZ, WHZ, EIDS, ARMA, ARMA, SYDH, AULRC, CNB, CAN, CAN, CTAO, CTAO, CMSA, QLO, QLO, TCO, TCO, MTSU, MTSU, PMG, PMG, BRAT, STKA, STKA, STKA, PATS, COEN, COEN, LCRK, BBOO, OOD, MULC, ASO1, AS31, ASAR, ASAR, ASAR, WRO, WRO, WRO, WRO, WRA, KDU, FORT, WRKA, MTN, MTN, KNRA, FITZ, FITZ, PSAO, PSAO, MBWA, MBWA, MORW, MORW, GIRL, CASEY, TOLIJ, TOLIJ, TOLIJ, QSPA, QSPA, GQSA, MJAR, KIWG, ADK, PETK, SMAIL, BELA, KMRM, KHMM, KHMM, OQD2, OQD2, OQD2, CMB, CMB, OMMB, YBH, WAKR, HATC, HATC, PNTR, HUMO, HUMO, YERR, LHV, LHV, NVAR, N15K, TPH, TPNW, IOAJ, O18K, O18K, J05D, J05D, W13A, H04A, H04A, ILSW, PINE, PRN, ELIB, X16A, J08A, U15A, U15A, PSUT, SZCU, SZCU, TROLL, TROLL

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WUAZ, ELK, SNA, SNA, SNA, VNA3, G08A, LTY, MTPU, E07A, E07A, HAWA, J18K, J18K, MVU, MVU, V35K, V35K, MSU, E08A, E08A, K20K, MFID, D08A, D08A, J19K, J19K, F10A, PLMT, PLMT, B08A, MPU, MPU, LLLB, LLLB, HLD, HLD, SPUT, SPUT, HVU, HVU, RND, RND, C09A, SRU, SRU, P17A, P17A, VHRN, VHRN, TCUT, TX31, TX31, TXAR, TXAR, BSUT, HWUT, PLCA, PLCA, S34M, M27K, M27K, CMAR, HHC, HHC, HHC, ANMO, ALPN, ALPN, CCB, BCAR, COLA, AHID, IL31, ILAR, ILAR, PZH, PZH, S22A, S22A, REDW, TPAP, SAND, J26L, IMW, PDAR, PDAR, PDAR, LZH, LZH, HND, HND, PKME, PQI, ARCES, AKAS, EKA, BRTR, BRTR, OJC, CLL, KHC, GERS, GERS, CONR, RONA

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARSA Arzberg, FETA Feichten, ESDC Sonesca Array, etc.

IDC 17 04:54:12.0,9.2,5.28S;151.40E,h441km,93km,mb3.1/9, mbmp3.9/9, Error ellipse: s-maj=60.1km s-min=-23.7km az=78.0

ISC 17 04:53:27.6,1.3,4.9S;02.153:0E,0.4,h50km,n11, r1529/10,mb3.7/9,New Britain region

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

IDC 17 04:02:45.7,2.0,3.3;86S;178.79W,h0km,mb3.8/3, mbmp3.9/4,ML4.1/1, Error ellipse: s-maj=47.4km

ISC 17 04:02:47.1,1.7,3.4;0S;01.178:3W,0.2,h10km,n24, r1523/24,mb3.8/3,South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PKGZ Pakihiroa, HAZ Te Kaha, PUZ Puketiti, etc.

AZER 17 04:17:02.1,41.61N;45.18E,h3km,ml2.6

MOS 17 04:17:03.5,41.73N;45.08E,h30km,MPVA3.5

NORS 17 04:17:04.5,41.72N;45.08E,h13km,MPVA3.5

DRS 17 04:17:06.6,41.74N;45.23E,h33km

ISC 17 04:17:03.4,1.1,4.1;88N;02.45:08E;0.03,h17km,gkm, n29,r1918/55,Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QZX Qazax, Azerbai, GUDG Gudaori, GDB GEDABAY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, TORD Torodi Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRN 17 04:50:21.3,15:27N;60:34W,h54km,MD3.5,1C,East of Dominica,Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKHL 17 04:53:13.6,0.8,4.7;10N;151.40E,h155km,5km,mb5.8/8, mbv5.0/3,ms4.9/2,ms4.6/2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, SHO Shikotan, SHO Shikotan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, SHO Shikotan, SHO Shikotan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YUK comp=E,900nm,0.5s, YUK comp=N,813nm,0.4s, JRA JRA, etc.

Table with columns: RND, RND, GHO, GHO, WAT1, D24K, E24K, E24K, MDM, MDM, C24K, WRH, KNK, KNK, KNK, LZH, LZH, LZH, SML, H24K, H24K, COLA, COLA, COLA, F24K, F24K, CCB, PWL, WAT6, G24K, G24K, POKR, POKR, M23K, DHY, DHY, HDA, HDA, SCM, SCM, SCM, IL31, ILAR, ILAR, ILAR, P23K, GLI, D25K, D25K, G25K, H25L, F25K, F25K, M24K, K24K, PRP, PRP, PRP, GTA, GTA, GTA, FYU, FYU, J25K, KLU, KLU, NR1K, NR1K, NR1K, NRIK, NRIK, NRIK, BMAR, EYAK, HARP, RIDG, F26K, F26K, G26K, G26K, SCRK, SCRK, N25K, BMRM, J26L, KAIM, L26K, BERG, M26K

Table with columns: M26K, E27K, G27K, G27K, MCARA, K27K, K27K, H27K, I27K, D27M, WAX, WAX, L27K, L27K, EGAK, EGAK, M27K, CD2, CD2, F28M, F28M, F28M, E28M, GRNC, GRNC, I28M, I28M, CTG, CTGM, LOGN, TABL, TABL, YUK3, DAWY, DAWY, E29M, E29M, H29M, H29M, GYA, GYA, G29M, G29M, G29M, O28M, YUK8, PINN, M29M, M29M, L29M, EPYK, EPYK, EPYK, G30M, G30M, G30M, K29M, K29M, YUK4, F30L, F30L, DGZ, DGZ, ZAAO, ZALV, ZALV, ZALV, ZALV, I30M, I30M, YUK6, O29M, O29M, J30M, J30M, M30M, M30M, HYT, HYT, N30M, MAYO, G31M, G31M, G31M, INK, INK, INK, INK, P29M, P29M, F31M, H31M, H31M, P30M

Table with columns: N31M, N31M, O30N, O30N, GOMU, GOMU, GOMU, PLBC, M31M, WHY, SKAG, S31K, FARO, PZH, PZH, PZH, N32M, KMI, KMI, P32M, SIT, R32K, A36M, A36M, P33M, P33M, S32K, Q32M, C36M, R33M, R33M, R33M, U33K, MK31, MKAR, MKAR, MKAR, CRAG, CRAG, CRAG, MAKZ, MAKZ, MAKZ, SLVN, SLVN, S34M, TGTN, KURK, KURK, KURK, KURK, KURB, KURBB, KURBB, WTLY, DLBC, V35K, T35M, T35M, WRGL, LIRD, GRNB, GRNB, TOAD, KOTAN, CRAI, CRAI, BVAR, BVAR, BVAR, PHRA, HOLB, CHTO, CHTO, CHTO, TARG, SHL, CMAR, CMAR, CMAR, YKA, ULHL, TKM2, BOOM, BOOM, BOOM, USP, AAK, AAK, AAK

17d 4h

Table with columns for call sign, name, frequency, and other details. Includes entries like AAK Ala-Archa, AAK Karatay Array, AAK Karatay Array, etc.

2018 SEP

Table with columns for call sign, name, frequency, and other details. Includes entries like NOA, HFS Hagfors, MNNK Minsk, etc.

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Table with columns for call sign, name, frequency, and other details. Includes entries like TPGR Topolog, HATD Hatta, Dubai, TURR Turia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MYKA Terra Mystica, GCIS Gornji Cirk, O48B Farmland, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WLS Welschbruch, ENDD Enderburg, ENLZ Enderburg, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STR 17 04:57:13.6, OPP Oppenua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TRN 17 05:07:34.9, ANWB Willy Bob, ANWB Bethesda, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMSI Cibinong, FITZ Fitzroy Crossi, MBWA Marble Bar, etc.

17d 6h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NWA0, COEN, OOD, QIZ, etc.

2018 SEP

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZAA0, ZALV, CTZ, UOSS, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HDC, VILB, ETMB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Potrero Grande, Canoas, Las Palmas La, Buenos Aires, Durika, etc.

Table with columns: NELY, Ciudad Nelly, EPN, Palmar Norte, Canoas, etc. Includes station details and coordinates.

Table with columns: HFS, EKA, etc. Includes station details and coordinates for stations like Hagsfors, Eskdalemuir, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Durika, Goffito, Carate, Puerto, etc.

Table with columns: IDBR, Code, Station Name, Az, Phase, Time, Res, ISC. Rows include CUKT, YOVA, HAKT, IKFM, PERV, RAFI, MIDY, MIDY, SRTM, SRTM, MARD.

MOS 17 09:32:38.4,0.9,25:21'S:178:30'E,h558km,mb5.2/27, Error ellipse: s-maj=10.3km s-min=9.8km az=92.7

BUI 17 09:32:39.8,0.0,25:05'S:178:81'E,h589km,mb5.1/49, mb5.0/17

IDC 17 09:32:40.9,0.5,25:31'S:178:25'E,h582km,4km,mb4.4/24, mbtmp5.4/27, Error ellipse: s-maj=8.2km s-min=7.8km az=177.0

NEIC 17 09:32:40.5,2.5,25:27'S:0:06:178:31'E:0.08,h569km,5km, mb5.0/396, Error ellipse: s-maj=13.0km s-min=5.5km az=42.0

NOU 17 09:32:41.6,25:26'S:178:41'E,h588km,ML5.0/137, South of Fiji Islands

GCMT 17 09:32:43.5,0.2,25:26'S:0:02:178:44'E:0.03,h599km,2km, MW5.4/93, Moment Tensor Solution. s93.c123; Duration: 1s2 Moment tensor: Scale 1017Nm; Mn=-0.37±.04; Mw=1.26±.05; Mo=0.89±.06; Mo=1.04±.05; Mw=0.83±.05; Mo=0.46±.06; Best double couple: M1:6.83000x1017 Np1:0.33300000,884.000000, 7.29.000000, Np2:3.29900000,861.000000,1.73.000000

Principal axes: T=2.0710, P1g25.0000, Azm200.0000; N=0.8710, P1g60.0000, Azm344.0000; P=1.2050, P1g15.0000, Azm102.0000; nsta1 refers to body waves, cutoff=40s. Triangular moment-rate function

ISC 17 09:32:40.9,0.3,25:35'S:0:04:178:43'E:0.04,h585km,3km, h586km,pP-P,1242,+0.99/1146,mb5.0/328,80C-53D, South of Fiji Islands

Main station list table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Includes stations like RAO, GLKZ, MSVF, Nonsavu, MARNC, Pines Island, etc.

Main station list table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Includes stations like TKNZ, NNZ, PLWZ, TUWZ, FUNA, BSWZ, etc.

Main station list table with columns: Code, Station Name, Az, Phase, Time, Res, ISC. Includes stations like QIS, WHYH, BBOO, BBOO, BBOO, etc.

17d 9h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like Concordia, Ant, Waikabubak, Su, Casey, etc.

2018 SEP

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like Nanjing, Posyet, Ussuriysk Arra, etc.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like Willamette Mt, Pinacate, Martis Peak, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like N19K Bonanza Creek, KMI Kunning, CMIAR Chiang Mai Arr, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like KNK Knik Glacier, GRNB Grenville Isla, J18K Innoko River, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like O28M Mount Upton, HVU Hansel Valley, HVU Hansel Valley, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

17d 11h

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like BAGA Bagages, COLC Colombia, CUI Cuipitapa, etc.

UCR 17 10:40:40.2±0.4, 10:23N;86°54'W, h14km, 8km, MW3.7
CATAC 17 10:40:41.3±1.0, 10:33N;86°77'W, h30km, 26km, ML3.7

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like EL11 Hacienda Flor, NICO Nicoya, ERIA Liberia, etc.

IDC 17 10:46:58.4±1.2, 30:135S;179°63'W, h333km, 13km, mb3.1/3
mbmp3.9/5, Error ellipse: s-maj=24.4km s-min=21.0km

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, MSFV Nonsavu, etc.

IDC 17 10:58:19.6±2.1, 33:54S;178°61'W, h0km, mb3.9/3
mbmp4.0/4, ML4.1/1, MS3.3/3, Error ellipse: s-maj=48.7km

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like MXZ Matakaoa Point.

20 SEP

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like PKGZ Pakihiroa, HAZ Te Kaha, PUZ Puketiti, etc.

NOU 17 11:03:22.8, 17:32S;177°44'W, h497km, mb4.6/24, Fiji Islands Region

NEIC 17 11:03:31.8±1.5, 17:7S;0°1'178'1W, 0.1, h544km, 7km, mb4.4/35, Error ellipse: s-maj=21.7km s-min=11.8km

IDC 17 11:03:33.6±1.0, 17:62S;178°27'W, h563km, 9km, mb3.4/11, mbmp4.2/13, Error ellipse: s-maj=20.6km s-min=11.5km

IDC 17 11:03:32.0±0.5, 17:7S;0°1'178'13W, 0.08, h550km, n78, e092/81, mb4.3/29, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Includes stations like MSFV Nonsavu, AF1 Afiamalu, NIUE Niue, etc.

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Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res. Includes stations like MBWA Marble Bar, MORW Morawa, MJAR Matsushiro Arr, etc.

IDC 17 11:09:10.8±2.6, 49°81'N;19°29'E, h0km, mbmp3.6/5, ML2.7/4, Error ellipse: s-maj=43.3km s-min=9.7km

BGR 17 11:09:13.0±0.3, 50°20'N;18°95'E, h1km, ML3.4/12, Error ellipse: s-maj=6.7km s-min=3.3km az=0

VIE 17 11:09:12.4±0.6, 49°87'N;19°15'E, h0km, mb2.7/6, ml3.0/7, ms3.4/3, Error ellipse: s-maj=10.9km s-min=2.0km

IPEC 17 11:09:12.3±0.2, 50°22'N;18°96'E, h1km, ML3.0/4, Error ellipse: s-maj=2.4km s-min=1.0km az=167.0

MCSM 17 11:09:15.0±0.3, 50°N;6°1'29'E, h10km, mb3.7, MLv3.1 PRU 17 11:09:18.1, 50°13'N;18°33'E, h0km

ISC 17 11:09:11.8±0.7, 50°19'N;0°03'18'93E;0.02, h0km, n84, e131/134, 5C-6D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Includes stations like RAC Raciborz, OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRNC Granite Creek, ILAR Eielson Array, J14K Navranarak Lak, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RUSC La Rusia, RUTC PUERTO BERRIO, TATC Tame, Arauca, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TA01 comp=Z,38nm,0.4s, HMBC Humbestone, etc.

IDC 17 13:34:03.6, 4.8, 6.85N:73.01W, h161km, 56km, mbmp4.1, 2, Error ellipse: s-maj=453.7km s-min=7.9km az=132.0

NEIC 17 14:14:09.0, 8.24, 32S:0.09:67.0W:0.2, h221km, 20km, ML4.2(GUC), Error ellipse: s-maj=26.9km s-min=12.8km az=98.0

IDC 17 14:42:08.1, 0.8, 43.46N: 141.69E, h0km, mb3.7/11, mbmp3.7/13, ML3.3/2, MS2.6/2, Error ellipse: s-maj=21.0km s-min=9.6km az=14.0

Table with columns: ICAO, Station Name, Frequency, Power, Mode, and other technical details for stations like MKAR, KURBB, ILAR, etc.

IDC 17 15:22:09.2, 1.8, 32.05S; 179.24W, h0km, mb3.7/4, mtbpm3.7/5, ML3.4/1, Error ellipse: s-maj=47.3km

ISC 17 15:22:19.7, 2.3, 31.9S; 0.4x179.2W, 0.4, h96km, n6, c046/5, mb3.7/4, Kermadec Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like URZ, ASAR, WRA, etc.

IDC 17 15:29:06.0, 0.7, 10.34S; 124.07E, h0km, mb4.1/13, mtbpm4.1/16, ML4.2/3, MS3.6/4, Error ellipse: s-maj=35.6km s-min=16.3km az=69.0

NEIC 17 15:29:07.6, 1.2, 10.50S; 0.06:123.92E, 0.04, h10km, 1km, mb4.6/10, Error ellipse: s-maj=10.4km s-min=4.8km az=204.0

DJA 17 15:29:10.0, 0.3, 11.5, 3x12.4E, h10km, M4.4/12, mb4.6/8, mB5.1/1, MLV4.3/12, Mw(mB)4.4/1

ISC 17 15:29:09.9, 0.5, 10.58S; 0.05:123.95E, 0.06, h27km, n67, c180/70, mb4.4/20, MS3.8/3, Timor region

Large table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for numerous stations including BATI, SOEI, SOEI, etc.

Table with columns: ICAO, Station Name, Frequency, Power, Mode, and other technical details for stations like HEH, MKK31, MKAR, etc.

IDC 17 15:33:47.0, 0.9, 6.80N; 79.99W, h0km, mb4.0/11, mtbpm4.1/15, ML3.2/4, MS3.4/20, Error ellipse: s-maj=30.4km s-min=15.9km az=41.0

RSNC 17 15:33:49.0, 0.7, 12.2, 8'0W, h0km, 3km, M3.6, mb4.6, mb4.7, ML3.1, Mw(mB)4.0

UPA 17 15:33:50.6, 1.9, 7.19N; 80.06W, h1km, MD4.7, ML4.6, MW4.5

UCR 17 15:33:52.0, 0.9, 7.24N; 79.99W, h10km, MW4.6, MB4.3(NEIC)

NEIC 17 15:33:53.0, 2.2, 7.24N; 0.08:79.99W, 0.07, h10km, 2km, mb4.3/11, Error ellipse: s-maj=15.2km s-min=11.5km az=209.0

ISC 17 15:33:49.9, 0.5, 7.07N; 0.03:79.99W, 0.02, h10km, n143, c187/179, mb4.1/18, MS3.5/15, 14C-17D, South of Panama

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like ACH03, PED03, TOS13, etc.

Large table with columns: ICAO, Station Name, Frequency, Power, Mode, and other technical details for stations like DBBC, DRKO, LCBC, etc.

17d 17h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Urewha, Stephens Creek, ASAR Alice Springs, WRA Warrunganga Arr, etc.

TEH 17 16:33:59.6, 38.72N, 43.23E, h14km, 25km, ML3.3
AFAD 17 16:33:59.7, 0.0, 38.71N, 43.18E, h7km, 2km, MW3.7
ISK 17 16:33:59.3, 38.63N, 43.27E, h4km, ML3.7/19
NSPP 17 16:34:00.2, 38.63N, 43.17E, h10km, Ms3.5
ISC 17 16:34:00.3, 0.8, 38.73N, 0.01, 43.21E, 0.02, h13km, 7km, n65, c137/96, 2, Turkey

Main station list for 17d 17h. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations like VANB, ERVC, YVNR, etc.

DJA 17 16:42:49.0, 5.9, 9.9, 111.8E, h26km, 4km, M3.8/10, mb3.9/2, MLV3.8/10, Sumba region

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

ISC 17 17:02:14.1, 2.8, 9.57S, 112.37E, h0km, mb3.3/3, mbmp3.4/3, Error ellipse: s-maj=142.2km s-min=29.4km az=47.0

DJA 17 17:02:21.3, 1.4, 9.55S, 112.80E, 0.07, h35km, n15, c133/13, mb3.5/3, South of Java

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

2018 SEP

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

ASAR Alice Springs 24.57 127 P 17 07 39.6 +1.5
H0S2 Diego Garcia H 39.89 269 T 17 52 13.5
H0S3 Diego Garcia H 39.90 269 T 17 52 12.5

NEIC 17 17:15:48.5, 1.4, 1.80N, 0.09, 127.3E, 0.1, h110km, 9km, mb4.1/16, Error ellipse: s-maj=16.6km s-min=12.4km az=70.0

DJA 17 17:15:48.8, 0.4, 2.1N, 3.12E, h77km, 7km, M4.0/13, mb4.2/6, mb4.7/2, MLV3.9/13, Mw(mb)3.9/2

ISC 17 17:15:50.8, 4.0, 1.04N, 125.76E, h119km, 37km, mb3.7/5, mbmp4.1/6, Error ellipse: s-maj=60.0km s-min=14.3km az=69.0

ISC 17 17:15:47.2, 0.7, 1.82N, 0.06, 127.33E, 0.05, h100km, n39, c142/45, mb4.1/11, Halmahera

Main station list for 2018 SEP. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations like GAMI, TNTI, KRAI, etc.

MDD 17 17:35:33.0, 0.6, 4.489N, 13.29W, h0km, Mb4.4/48, ml_m3.8/48, Error ellipse: s-maj=4.4km s-min=3.5km az=136.0

LDG 17 17:35:35.6, 0.2, 4.512N, 13.25W, h25km, M3.6/26, Error ellipse: s-maj=4.9km s-min=2.7km az=100.0

INMG 17 17:35:36.2, 1.7, 4.504N, 13.57W, h10km, ML2.9, Error ellipse: s-maj=5.7km s-min=5.2km az=76.0

ISC 17 17:35:35.9, 2.7, 4.495N, 13.26W, 0.2, h10km, n68, c268/125, 18C-4D, North Atlantic Ocean

Main station list for 2018 SEP (continued). Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations like EMAZ, EAGO, etc.

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

ECAL Calabor 5.21 123 Pn 17 36 57.1 +3.2
EARI EARI 5.56 105 Pn 17 37 06.8 +3.9

ELAN Lanestosa 6.81 101 Pn 17 37 20.1 +4.2
ELAN Placencia 6.85 133 Pn 17 37 18.7 +2.3

ELAN Placencia 6.85 133 Pn 17 37 18.7 +2.3
ELAN Placencia 6.85 133 Pn 17 37 18.7 +2.3

ELAN Placencia 6.85 133 Pn 17 37 18.7 +2.3
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ELAN Placencia 6.85 133 Pn 17 37 18.7 +2.3
ELAN Placencia 6.85 133 Pn 17 37 18.7 +2.3

Table with columns: AVF, SSF, SMF, LOR, LASF, VIVF, ORIF. Rows include station names like Saint Sauge, Signal de Mont, Lormes, etc.

IDC 17 17:35:41.7, 1.2, 45S, 134.69E, h0km, mb4.0/9, mbmp4.0/9, MS3.0/1, Error ellipse: s-maj=61.2km s-min=20.3km az=73.0

DJA 17 17:35:45.7, 0.8, 3, S, 4, 13, 4E, h15km, 6km, M4.3/12, mb4.0/9, mb4.71, MLV4.3/12, MWIMB4.0/1

NEIC 17 17:35:47.6, 1.5, 2.83S, 0.10, 134.23E, 0.03, h40km, 9km, mb4.1/13, Error ellipse: s-maj=14.0km s-min=4.2km az=183.0

ISC 17 17:35:46.0, 0.5, 2.63S, 0.05, 134.23E, 0.05, h47km, n53, 1199/56, mb4.2/11, Irian Jaya region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kaimana, Papua, Sorong, Banda, etc.

TEH 17 17:36:35.2, 28.22N, 59.38E, h7km, 52km, ML3.5

OMAN 17 17:36:40.0, 1.2, 7.95N, 59.37E, h10km, mb4.2/2, m3.4/11, Error ellipse: s-maj=1.6km s-min=1.2km az=10.0

ISC 17 17:36:36.7, 1.3, 28.19N, 0.04, 59.44E, 0.05, h10km, n35, 174/49, Southern Iran

Continuation of station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BAM, Zahedan, etc.

Table with columns: MDH, MASF, MSFE, MSFE, UOSS, UOSS, UOSS, ASHO, ASHO, ASHO, SOHO, SOHO, HOQ, WSAR, WSAR, ASUD, AFZ, SMDO, ARQ, ARQ, WBK, WBK, BSY, BSY, JMDO, JMDO, JLN, JLN, UMZA, UMZA. Rows include station names and coordinates.

RSNC 17 18:15:57.0, 0.0, 12, N, 1, 7, 2W, h74km, 1km, M2.5, mb4.0, ML2.5, Near north coast of Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Uribia, Santa Marta, Arguani, San Jacinto, etc.

TEH 17 18:15:51.8, 34.64N, 46.18E, h8km, 41km, ML2.6

ISN 17 18:15:52.7, 1.2, 34.66N, 46.23E, h26km, 23km, ML2.5

ISC 17 18:15:52.0, 1.2, 34.64N, 0.05, 46.21E, 0.06, h14km, 13km, n8, 09/29, Western Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Dehrash, Galeghazi, Gilan-e-Gharb, etc.

UCR 17 18:15:54.6, 0.7, 8.37N, 83.13W, h12km, 5km, MW3.6

UPA 17 18:15:54.8, 1.9, 8.41N, 83.11W, h14km, 6km, MW3.9

CATAC 17 18:15:55.7, 0.5, 8.51N, 83.15W, h1km, 2km, ML3.2

ISC 17 18:15:54.7, 0.9, 8.42N, 0.03, 83.12W, 0.02, h17km, 6km, n34, 11/6/53, Costa Rica

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Golfito, Carate, Puerto Jimenez, etc.

DRKO Durika, DRKO Durika, DRKO Durika, OCHAL Ojochal, OCHAL Ojochal

CHGR2 Aguacate, CHGR2 Aguacate, CN12 El Empalme, Bo, CN12 Bribri, BUS1 Rivas, LCR2 La Lucha, LCR2 La Lucha

DRKO Durika, DRKO Durika, DRKO Durika, OCHAL Ojochal, OCHAL Ojochal

CHGR2 Aguacate, CHGR2 Aguacate, CN12 El Empalme, Bo, CN12 Bribri, BUS1 Rivas, LCR2 La Lucha, LCR2 La Lucha

DRKO Durika, DRKO Durika, DRKO Durika, OCHAL Ojochal, OCHAL Ojochal

CHGR2 Aguacate, CHGR2 Aguacate, CN12 El Empalme, Bo, CN12 Bribri, BUS1 Rivas, LCR2 La Lucha, LCR2 La Lucha

DRKO Durika, DRKO Durika, DRKO Durika, OCHAL Ojochal, OCHAL Ojochal

CHGR2 Aguacate, CHGR2 Aguacate, CN12 El Empalme, Bo, CN12 Bribri, BUS1 Rivas, LCR2 La Lucha, LCR2 La Lucha

DRKO Durika, DRKO Durika, DRKO Durika, OCHAL Ojochal, OCHAL Ojochal

CHGR2 Aguacate, CHGR2 Aguacate, CN12 El Empalme, Bo, CN12 Bribri, BUS1 Rivas, LCR2 La Lucha, LCR2 La Lucha

DRKO Durika, DRKO Durika, DRKO Durika, OCHAL Ojochal, OCHAL Ojochal

CHGR2 Aguacate, CHGR2 Aguacate, CN12 El Empalme, Bo, CN12 Bribri, BUS1 Rivas, LCR2 La Lucha, LCR2 La Lucha

DRKO Durika, DRKO Durika, DRKO Durika, OCHAL Ojochal, OCHAL Ojochal

CHGR2 Aguacate, CHGR2 Aguacate, CN12 El Empalme, Bo, CN12 Bribri, BUS1 Rivas, LCR2 La Lucha, LCR2 La Lucha

DRKO Durika, DRKO Durika, DRKO Durika, OCHAL Ojochal, OCHAL Ojochal

CHGR2 Aguacate, CHGR2 Aguacate, CN12 El Empalme, Bo, CN12 Bribri, BUS1 Rivas, LCR2 La Lucha, LCR2 La Lucha

WEL 17 18:22:59.5, 1.3, 35.5, 11, 17.9E, 2.5, h120km, M3.6/8, ML3.7/10, MLV3.6/8, Error ellipse: s-maj=0.0km s-min=0.0km az=107.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Matakaoa Point, Te Kaha, Pakihiroa, etc.

IDC 17 19:00:21.1, 0.5, 38.42N, 70.59E, h0km, mb4.6/27, mbmp4.6/33, ML3.9/6, MS4.0/67, Error ellipse: s-maj=10.0km s-min=8.0km az=139.2

BUI 17 19:00:21.2, 0.0, 38.67N, 70.39E, h18km, mb4.6/55, mb4.9/26, ML4.6/4, Ms4.5/45, Ms7.4/245

KRNET 17 19:00:21.2, 0.1, 38.52N, 70.56E, h14km, mb5.1, MOS 17 19:00:22.9, 1.1, 38.49N, 70.56E, h21km, mb5.0/45, MS4.2/16, Error ellipse: s-maj=4.7km s-min=3.4km az=71.6

GCMT 17 19:00:22.6, 0.3, 38.55N, 0.02, 70.52E, 0.03, h12km, 1km, MW4.7/86, Moment Tensor Solution, s23, c26, s86, c133; Duration: 0 Moment tensor: Scale 10^19Nm; Mr1, 4.2z, 19h; Mw=1.1z, 0.7; Mw=0.2z, 0.6; Mw=0.3z, 1.7; Mw=0.8z, 0.4; Mw=1.0z, 1.8; Best double couple: Ms1.5610000, 1016; NPl1=62.00000, s51.00000, a95.00000; NPl2=1.4560, Plg83.0000, Azm0.0000; N 0.2160, Plg6.0000, Azm239.0000; P -1.6660, Plg6.0000, Azm148.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 17 19:00:22.6, 1.7, 38.48N, 0.04, 70.57E, 0.05, h10km, 1km, mb4.9/177, Error ellipse: s-maj=7.0km s-min=6.0km az=202.0

NNC 17 19:00:22.4, 1.9, 38.54N, 70.29E, h0km, mb5.0, mpv4.8, Error ellipse: s-maj=18.5km s-min=13.0km az=158.0

BGR 17 19:00:26.7, 37.86N, 70.44E, h33km, mb4.3, Ms4.2

ISC 17 19:00:23.0, 0.6, 38.61N, 0.03, 70.54E, 0.02, h15km, 3km, n798, 11/66/767, mb4.8/203, MS4.1/89, 66C-72D, Afghanistan-Tajikistan border region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Garm, Chuyangaron, Simj, etc.

17d 19h

BRLS	baz=351	eLg	Lg	19 02 37.4
BRLS	Boroiday	4.45 353 ePN	Pn	19 01 30.4 -0.5
BRLS		e		19 02 37.3
KK31	Karatay Array	4.49 360 eP	Pn	19 01 34.2 +2.8
KK31	Karatay Array	4.49 360 \uparrow Pn	Pn	19 01 34.9 +3.4
KK31	52nm,0.4s,baz=190,slow=14,SNR=1439	\uparrow Lg	Lg	19 02 46.5
KK31	846nm,0.8s,baz=184,slow=28,SNR=11	\uparrow Lg	Lg	19 01 34.2 +2.8
KKAR	Karatay Array	4.49 360 PN	Pn	19 01 34.2 +2.8
KKAR	Karatay Array	4.49 360 P	Pn	19 01 34.2 +2.8
KKAR	Karatay Array	4.49 360 P	Pn	19 01 33.7 +2.3
KKAR	Karatay Array	4.49 360 \uparrow eP	Pn	19 01 33.3 +1.9
KKAR	baz=60	\uparrow iS	Sn	19 02 25.7 +2.3
KKAR	Karatay Array	4.49 360 PN	Pn	19 01 33.7 +2.3
UCH	Uchtor	4.72 39 P	Pn	19 01 37.8 +2.8
UCH	SNR=152	\uparrow eP	Pn	19 01 36.1 +1.1
UCH	baz=38	\uparrow iS	Sn	19 02 31.0 +1.4
EKS2	Erkin-Say	4.74 30 P	Pn	19 01 38.1 +3.1
EKS2	SNR=17	\uparrow iP	Pn	19 01 36.5 +1.6
EKS2	Erkin-Say	4.74 30 \uparrow iP	Pn	19 02 31.4 +1.7
EKS2	baz=30	\uparrow iS	Sn	19 01 42.1 +3.3
AAK	Ala-Archa	5.03 36 P	Pn	19 01 41.6 +2.7
AAK	Ala-Archa	5.03 36 Pn	Pn	19 01 42.6 +3.7
AAK	SNR=119	\uparrow Pn	Pn	19 02 43.5 +6.7
AAK	Ala-Archa	5.03 36 P	Pn	19 01 41.9 +3.0
AAK	SNR=119	\uparrow Pn	Pn	19 02 41.6 +4.9
AAK	Ala-Archa	5.03 36 \uparrow Pn	Pn	19 03 05.2
AAK	SNR=119	\uparrow Pn	Pn	19 01 40.3 +1.4
AAK	Ala-Archa	5.03 36 \uparrow iP	Pn	19 02 38.2 +1.4
AAK	SNR=119	\uparrow Pn	Pn	19 01 41.2 +2.3
NRN	Naryn	5.05 54 Pn	Pn	19 01 40.3 +0.9
NRN	Naryn	5.05 54 \uparrow eP	Pn	19 01 40.1 +0.7
NRN	baz=53	\uparrow eS	Sn	19 02 37.6 -0.1
NRN	Naryn	5.05 54 PN	Pn	19 01 40.3 +0.9
FRU1	Bishkek	5.23 35 Pn	Pn	19 01 44.8 +3.3
FRU1	Bishkek	5.23 35 PN	Pn	19 01 44.8 +3.3
KBK	Karagaybulak	5.26 38 Pn	Pn	19 01 46.0 +4.0
KBK	SNR=183	\uparrow eP	Pn	19 01 43.3 +1.3
KBK	Karagaybulak	5.26 38 \uparrow eP	Pn	19 02 43.6 +1.2
KBK	baz=38	\uparrow iS	Sn	19 01 47.7 +3.4
CHMS	Chumysh	5.43 35 P	Pn	19 01 47.1 +2.8
CHMS	SNR=82	\uparrow Pn	Pn	19 02 55.3 -8.1
CHMS	Chumysh	5.43 35 \uparrow Pn	Pn	19 01 47.1 +2.8
CHMS	comp=Z,85nm,0.6s	\uparrow iS	Sb	19 02 55.3 -8.1
CHMS	comp=Z,450nm,0.8s	\uparrow Lg	Lg	19 03 16.5
CHMS	comp=Z,230nm,0.8s	\uparrow Lg	Lg	19 01 45.6 +1.3
CHMS	Chumysh	5.43 35 \uparrow iP	Pn	19 02 47.5 +1.0
CHMS	baz=34	\uparrow iS	Sn	19 01 47.1 +2.8
CHMS	Chumysh	5.43 35 PN	Pn	19 02 55.3 -8.1
CHMS	SNR=82	\uparrow Sb	Sb	19 01 48.5 +2.7
USP	Ospenovka	5.54 32 P	Pn	19 01 47.2 +1.4
USP	SNR=25	\uparrow iP	Pn	19 02 50.3 +1.1
USP	Ospenovka	5.54 32 \uparrow iP	Pn	19 01 50.0 +2.5
USP	baz=31	\uparrow iS	Sn	19 01 50.0 +2.5
BOOM	Boomsboye usch	5.66 45 PN	Pn	19 01 50.0 +2.5
BOOM	Boomsboye usch	5.66 45 P	Pn	19 01 50.0 +2.5
ULHL	Ulaloh	5.67 48 P	Pn	19 01 49.1 +1.3
ULHL	SNR=24	\uparrow iP	Pn	19 02 53.2 +0.5
ULHL	Ulaloh	5.67 48 \uparrow iP	Pn	19 01 52.5 +3.9
ULHL	baz=48	\uparrow iS	Sn	19 01 52.5 +3.9
SGDS	Sogindy	5.75 31 ePN	Pn	19 01 52.1 +2.9
SGDS	baz=31	\uparrow ePN	Pn	19 01 52.1 +2.9
TKM2	Tokmak 2	5.77 40 P	Pn	19 01 53.6 +4.4
TKM2	SNR=126	\uparrow Pn	Pn	19 03 04.2 +9.0
TKM2	Tokmak 2	5.77 40 \uparrow Pn	Pn	19 03 04.2 +9.0
TKM2	comp=Z,151nm,0.6s	\uparrow Sn	Sn	19 03 29.6
TKM2	comp=Z,127nm,1.0s	\uparrow Lg	Lg	19 01 50.5 +1.3
TKM2	comp=Z,358nm,1.1s	\uparrow Lg	Lg	19 02 55.9 +0.7
TKM2	Tokmak 2	5.77 40 \uparrow iP	Pn	19 01 53.6 +4.4
TKM2	baz=39	\uparrow iS	Sn	19 03 04.2 +9.0
TKM2	Tokmak 2	5.77 40 PN	Pn	19 02 53.6 +4.4
TKM2	SNR=126	\uparrow S	Sn	19 03 04.2 +9.0
KNDC	Almaty	6.70 45 \uparrow Pn	Pn	19 02 05.4 +3.6
KNDC	comp=Z,30nm,0.5s	\uparrow Lg	Lg	19 03 59.0
KNDC	Almaty	6.70 45 PN	Pn	19 02 05.4 +3.6
KNDC	Medeo	6.71 45 ePN	Pn	19 02 03.4 +1.4
KNDC	baz=45	\uparrow ePN	Pn	19 02 25.3 +5.0
MDOK	baz=45	ePg	Pb	19 03 55.7
MDOK	baz=45	eLg	Lg	19 02 05.0 +2.9
MDOK	Medeo	6.71 45 Pn	Pn	19 04 01.8
MDOK	comp=Z,12nm,0.5s	\uparrow Lg	Lg	19 02 04.9 +2.9
MDOK	Medeo	6.71 45 PN	Pn	19 02 07.1 +3.2
JMU	Jammu	6.86 148 eS	Pn	19 03 26.8 +5.1
JMU	Jammu	6.86 148 eS	Pn	19 04 04.1
JMU	comp=N,783nm,0.9s	IAML		19 04 04.8
BTLS	Baital	6.94 21 ePN	Pn	19 02 08.2 +3.1
BTLS	baz=21	ePg	Pb	19 02 30.0 +5.8
BTLS	Baital	6.94 21 eLg	Lg	19 04 03.1
BTLS	Baital	6.94 21 ePN	Pn	19 02 08.1 +3.1
BTLS	Baital	6.94 21 ePN	Pn	19 02 30.0
PRZ	Przheval'sk	7.13 55 P	Pn	19 02 10.4 +2.6
PRZ	Przheval'sk	7.13 55 PN	Pn	19 02 10.4 +2.6
SATY	Saty	7.44 51 ePN	Pn	19 02 14.9 +2.8
SATY	baz=51	ePg	Pb	19 02 38.6 +5.9
SATY	baz=51	eS	Pn	19 03 37.2 +1.1
SATY	baz=51	eLg	Lg	19 04 19.1
SATY	Saty	7.44 51 eP	Pn	19 02 14.8 +2.8
SATY	Saty	7.44 51 eP	Pn	19 03 37.2
THN	Thein Dam	7.46 144 eS	Pn	19 02 14.8 +2.6
THN	SNR=255nm,0.7s	\uparrow eS	Pn	19 03 42.0 +5.5
THN	Thein Dam	7.46 144 eS	Pn	19 03 52.6
ZHN	Zhinshike	7.52 50 ePN	Pn	19 02 16.0 +2.9
ZHN	baz=50	ePg	Pb	19 02 40.4 +6.4
ZHN	Zhinshike	7.52 50 eP	Pn	19 02 15.9 +2.9
KPKS	Kokpek	7.84 49 ePN	Pn	19 02 19.1 +1.7
KPKS	baz=49	ePg	Pb	19 02 46.0 +6.5
KPKS	baz=49	eLg	Lg	19 04 31.3
KPKS	Kokpek	7.84 49 eP	Pn	19 02 19.1 +1.7

2018 SEP

UZB	Uzynbulak	7.87 52 eP	Pn	19 02 19.0 +1.1
UZB	baz=52	ePg	Pb	19 02 46.4 +6.4
UZB	Uzynbulak	7.87 52 eP	Pn	19 02 18.9 +1.1
UZB	DHRM DHARAMSHALA	7.89 142 eP	Pn	19 02 19.6 +1.3
DHRM	DHRM	eS	Sn	19 03 46.4 -1.0
DHRM	DHRM	eS	Sn	19 03 51.8 +4.4
DHRM	comp=E,345nm,1.5s	IAML		19 03 56.0
DHRM	DHRM	eS	Sn	19 03 56.0
DHRM	DHRM	eS	Sn	19 04 41.1
DHRM	comp=E,496nm,0.8s	IAML		19 04 41.6
DHRM	DHRM	eS	Sn	19 02 18.2 -0.1
HRA	Herat	7.89 240 P	Pn	19 02 26.5 +4.8
SHLS	Shalkode	8.14 53 eP	Pn	19 02 26.4
SHLS	baz=54	ePg	Pn	19 02 56.4
SHLS	Shalkode	8.14 53 eP	Pn	19 02 26.4 +4.7
PDGK	Podgornoye	8.25 52 \uparrow Pn	Pn	19 02 24.3 +1.2
PDGK	comp=N,191nm,1.4s	\uparrow Lg	Lg	19 04 51.0
PDGK	Podgornoye	8.25 52 P	Pn	19 02 24.3 +1.2
BHK	Bhakra	8.64 144 eS	Pn	19 02 30.1 +1.8
BHK	BHK	eS	Sn	19 04 09.9 +4.4
BHK	BHK	eS	Sn	19 05 01.5
BHK	comp=E,326nm,1.4s	IAML		19 05 02.1
TDK	Taldyqorghan	8.68 40 ePg	Pn	19 03 01.3
HNLV	HANLEY	8.99 128 eP	Pn	19 02 32.2 -1.4
HNLV	HANLEY	eP	Pn	19 03 25.2
SMLA	Simla	9.23 142 eS	Pn	19 02 37.0 +0.5
SMLA	SMLA	eS	Pn	19 04 22.3 +2.3
SMLA	SMLA	eS	Pn	19 04 26.9
KLP	Kalpa	9.47 136 eP	Pn	19 02 40.2 +0.2
KLP	KLP	eS	Sn	19 04 27.2 +0.9
KLP	KLP	eS	Sn	19 04 35.0
KLP	comp=E,147nm,0.9s	IAML		19 04 36.0
DDI	Dehra Dun	10.33 141 eP	Pn	19 02 51.5 0.0
DDI	DDI	eS	Pn	19 04 44.9 -2.2
DDI	DDI	eS	Pn	19 04 58.3
MAKZ	Makanchi	11.74 42 P	Pn	19 03 11.9 +1.2
MAKZ	Makanchi	11.74 42 \uparrow Pn	Pn	19 03 11.3 +0.6
MAKZ	comp=N,183nm,0.8s	\uparrow Lg	Lg	19 06 42.0
MAKZ	Makanchi	11.74 42 P	Pn	19 03 11.3 +0.6
MAKZ	Makanchi	11.74 42 P	Pn	19 03 14.4 +1.6
MK31	Makanchi Array	11.89 43 Pn	Pn	19 03 13.9 +1.0
MK31	Makanchi Array	11.89 43 \uparrow Pn	Pn	19 06 49.0
MK31	comp=N,34nm,0.8s,baz=232,slow=12,SNR=88	\uparrow Lg	Lg	19 06 49.0
MK31	Makanchi Array	11.89 43 \uparrow iP	Pn	19 03 14.5 +1.6
MKAR	Makanchi Array	11.89 43 Pn	Pn	19 06 43.0
MKAR	comp=N,1.1nm,0.3s,baz=234,slow=13,SNR=96	\uparrow Lg	Lg	19 08 30.8
MKAR	comp=N,2.0nm,0.3s,baz=260,slow=22,SNR=2.6	\uparrow LR	LR	19 08 30.8
MKAR	comp=N,63nm,19.3s,baz=222,slow=41	\uparrow LR	LR	19 08 30.8
MKAR	comp=N,32nm,1.0s	\uparrow LR	LR	19 08 30.8
PTH	Pithoragarh	12.07 136 eP	Pn	19 03 12.9 -2.6
PTH	PTH	eP	Pn	19 05 30.5
PTH	PTH	eP	Pn	19 06 54.9
PTH	comp=N,30nm,1.1s	IAML		19 06 57.5
AJM	Ajmer	12.57 163 eP	Pn	19 03 22.8
AJM	AJM	eP	Pn	19 05 40.6
AJM	AJM	eP	Pn	19 07 16.1
AB31	Akbulak array	13.09 328 \uparrow Pn	Pn	19 03 28.4 -0.7
AB31	comp=Z,58nm,0.6s,baz=144,slow=12,SNR=597	\uparrow Pn	Pn	19 05 55.4 +1.1
AB31	Akbulak array	13.09 328 P	Pn	19 03 28.4 -0.7
AB31	Akbulak array	13.09 328 P	Pn	19 03 28.4 -0.7
AB31	Akbulak array	13.09 328 P	Pn	19 05 55.4 +1.1
AB31	Akbulak array	13.09 328 Pn	Pn	19 03 27.9 -1.2
AB31	Akbulak array	13.09 328 Pn	Pn	19 03 27.2 -1.9
KURBB	Kurchatov Arra	13.29 23 Pn	Pn	19 03 29.3 -1.8
KURBB	comp=E,0.2nm,0.3s,baz=214,slow=12,SNR=36	\uparrow Sn	Sn	19 05 56.4 -2.7
KURBB	comp=E,0.1nm,0.3s,baz=287,slow=23,SNR=1.8	\uparrow Lg	Lg	19 07 24.6
KURBB	comp=E,0.3nm,0.3s,baz=265,slow=9.0,SNR=3.1	\uparrow LR	LR	19 09 42.4
KURBB	comp=E,452nm,21.0s,baz=176,slow=39	\uparrow LR	LR	19 09 42.4
KURBB	comp=E,124nm,1.1s	\uparrow Lg	Lg	19 03 32.0 +0.2
KURBB	Kurchatov Arra	13.29 23 \uparrow Pn	Pn	19 07 30.7
KURBB	comp=E,8.1nm,0.6s	\uparrow Lg	Lg	19 03 33.6 +0.3
KURK	Kurchatov	13.39 23 \uparrow Pn	Pn	19 07 31.2
KURK	comp=E,144nm,1.2s	\uparrow Lg	Lg	19 03 30.0 -3.3
KURK	Kurchatov	13.39 23 P	Pn	19 05 56.4
KURK	KURK	eP	Pn	19 03 38.1 +0.8
SEM	Semipalatinsk	13.67 27 eP	Pn	19 03 37.9 +0.4
SEM	SNR=27	eP	Pn	19 06 10.5 +1.3
ZSN	Zaisan	13.69 45 eS	Sn	19 03 37.8 +0.4
ZSN	baz=45	eS	Sn	19 06 10.5 +1.3
ZSN	Zaisan	13.69 45 eP	Pn	19 03 37.8 +0.4
ZSN	Zaisan	13.69 45 eS	Sn	19 04 11.3
WMQ	Urumqi	13.92 63 \uparrow Pn	Pn	19 03 41.5 +0.9
WMQ	WMQ	eP	Pn	19 03 49.1 +0.4
WMQ	WMQ	eP	Pn	19 03 52.8
WMQ	comp=E,20nm,1.3s	\uparrow Pn	Pn	19 03 37.8 +0.4
WMQ	comp=E,2nm,0.9s	\uparrow Pn	Pn	19 03 41.5 +0.9
WMQ	WMQ	eP	Pn	19 03 49.1 +0.4
WMQ	WMQ	eP	Pn	19 03 52.8
WMQ	comp=E,1um,4.7s	\uparrow LR	LR	19 03 30.0 -3.3
WMQ	comp=E,2um,4.7s	\uparrow LR	LR	19 03 38.1 +0.8
WMQ	comp=E,1um,4.7s	\uparrow LR	LR	19 03 38.1 +0.8
BVA0	Borovoye Array	14.42 360 Pn	Pn	19 03 38.1 +0.8
BVA0	comp=E,260nm,12.1s	\uparrow Pn	Pn	19 03 37.9 +0.4
BVA0	Borovoye Array	14.42 360 Pn	Pn	19 06 29.5 +2.6
BVA0	comp=E,8.9nm,0.6s,baz=164,slow=12,SNR=98	\uparrow Sn	Sn	19 08 04.3
BVA0	Borovoye Array	14.42 360 Pn	Pn	19 08 04.3
BVA0	comp=E,11nm,0.9s	\uparrow Lg	Lg	19 03 45.8 -1.6
BVA0	Borovoye Array	14.42 360 Pn	Pn	19 06 29.5 +2.6

1201

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like CHUM Lake Minchumina, MDM Murphy Dome, POKR Poker Plate Res, etc.

2018 SEP

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like GHO Glory Hole Cre, J30M Hart River, P17K Kivchak River, etc.

17d 19h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like O30N Mendenhall, N32M Quiet Lake, BBTS Babate, etc.

RSNC 17:19:09.6z, 0.0, 7.1N: 1.8° 8' 0W: h0km, 3km, mb4.2, mB4.5, ML3.3, MLV3.7, MW(m)3.7

UPA 17:19:05:09.6z, 1.7, 7.21N: 80:10W, h0km, 4km, MD4.1, MW4.2

UCR 17:19:08:10.3z, 0.7, 7.29N: 80:03W, h0km, 9km, MW4.4

ISC 17:19:07:01.1z, 4.7, 7.12N: 80:04.80:03W, 0.02, h6km, 10km, n62, i159/97, 4C-17, Panama

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time Res, and other metrics. Includes stations like ACHO3 Achotines, Los, PED43 Pedasi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CACAO, CHIT3, PESE3, MARI3, etc.

JMA 17 19:14:00.0-1.1, 26.63N, 0.5-1.29E, 0.4, h51km, MV3.4/22, NEAR OKINAWA/JIMA ISLAND

IDC 17 19:14:06.4-8.6, 27.14N, 128.87E, h106km, 101km, mb3.1/4, mbtmp3.5/5, ML3.8/1, Error ellipse: s-maj=97.8km s-min=21.5km az=64.0

ISC 17 19:13:59.0-1.1, 26.63N, 0.04-1.29E, 0.04, h86km, 12km, n22, c1919/34, mb3.4/4, Ryukyu Islands

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

NOU 17 19:15:29.1, 40.43S, 174.13E, h25km, MLV3.5/7, Cook Strait, New Zealand

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KIW, TCW, OHGW, etc.

TEH 17 19:32:24.2, 27.26N, 53.80E, h17km, 19km, ML3.2 DSN 17 19:32:25.2, 1.5, 27.36N, 53.94E, h15km, ML2.7/6, Error ellipse: s-maj=18.0km s-min=13.0km az=30.0

OMAN 17 19:32:28.6, 1.2, 26.96N, 53.81E, h10km, ml2.9/12, Error ellipse: s-maj=12.8km s-min=6.8km az=10.0

ISC 17 19:32:25.7-1.1, 27.28N, 0.06-53.77E, 0.05, h23km, n35, c123/44, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LMD1, LAR1, JHRM, etc.

UMZA Um Al Zommoq 4.71 164 P Pn 19 33 36.1 +0.9

IDC 17 20:08:14.8, 3.2, 23.85N, 121.15E, h0km, mb3.8/9, mbtmp3.8/11, ML3.5/2, MS3.3/17, Error ellipse: s-maj=68.1km s-min=29.9km az=152.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DPDB, WCS, WDF, etc.

17d 20h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABKAR Akbulak array, J17K VABM Dome, H21K Melozitina Rive, etc.

IDC 17 20:10:35.31.9, 44.06N:105.54W, h0km, mbtmp3.1/2, ML2.9/2, Error ellipse: s-maj=54.5km s-min=10.6km az=147.0

NEIC 17 20:10:35.21.6, 43.89N:105.105:38W:0.07, h0km, 1km, ML3.1/50, Error ellipse: s-maj=9.4km s-min=9.1km az=223.0

ISC 17 20:10:34.10.9, 43.82N:105.06W:0.04, h0km, n39, c181/37, Wyoming

Main station list for 17d 20h. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like R2SD Black Hills, K22A Casper, LAO LASA Array, etc.

IDC 17 20:11:09.3.3.5, 6.99S:129.57E, h70km, 30km, mb3.7/7, mbtmp4.0/8, ML4.7/2, MS4.4/1, Error ellipse: s-maj=44.5km s-min=13.6km az=67.0

DJA 17 20:11:15.3.0.5.7, S3.3x13.0E.1, h197km, 12km, M4.6/13, mb5.0/7, mb4.5/13, MLV4.8/12, Mw(mb)4.3/7

NEIC 17 20:11:16.4.1.8, 7.07S:0.08x129.67E:0.07, h145km, 11km, mb4.3/11, Error ellipse: s-maj=14.5km s-min=6.9km az=141.0

ISC 17 20:11:16.2.0.5, 7.06S:0.06x129.66E:0.06, h139km, n80, c195/79, mb3.9/11, ID_Banda Sea

2018 SEP

Main station list for 2018 SEP. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, AAI Amsoh, MSAI Masohi, etc.

IDC 17 20:24:49.1.1.4, 26.59N:129.54E, h0km, mb3.6/5, mbtmp3.6/6, ML3.7/1, Error ellipse: s-maj=64.6km s-min=20.1km az=72.0

JMA 17 20:24:50.9.0.1, 26.6N:0.5x129.6E:0.4, h41km, MV3.2/22, NEAR OKINAWAJIMA ISLAND

ISC 17 20:24:49.7.3.6, 26.62N:0.04x129.58E:0.03, h12km, 24km, n24, c1915/34, mb3.7/5, Ryukyu Islands

Main station list for 2018 SEP (continued). Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYRO Yoronjima, JYRO Kunigami, etc.

1204

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOMNI Songino Array, MKAR Makanchi Array, etc.

NEIC 17 20:26:36.2.1.3, 36.46N:0.01x98.77W:0.02, h8km, 8km, mb_Lg2.5/28, ML2.7, ML2.9/38, Error ellipse: s-maj=2.3km s-min=1.8km az=81.0

NEIC 17 20:26:35.7.1.0, 36.44N:0.01x98.77W:0.02, h5km, 1km, Error ellipse: s-maj=3.3km s-min=2.4km az=266.0, Oklahoma

Main station list for 1204. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OK038 West end E0370, OK032 Salt Plains WL, etc.

IDC 17 20:28:09.5.1.5, 26.63N:129.01E, h0km, mb3.5/3, mbtmp3.6/4, ML3.6/1, Error ellipse: s-maj=80.2km s-min=24.6km az=81.0

JMA 17 20:28:11.9.0.1, 26.6N:0.5x129.6E:0.4, h39km, MV3.2/23, NEAR OKINAWAJIMA ISLAND

ISC 17 20:28:08.6.1.5, 26.58N:0.04x129.51E:0.04, h5km, 11km, n23, c158/33, mb3.8/3, Ryukyu Islands

Main station list for 1204 (continued). Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYRO Yoronjima, JYRO Kunigami, etc.

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

IDC 17:20:40:11.6:0.9,42.72Nk:141.90E, h0km, mb3.7/11, mbtmp3.7/11, MS2.8/2, Error ellipse: s-maj=28.1km s-min=16.9km az=98.0

Main table for station 1205, listing various stations like JIAM Buriatsuma, JIBT Biratori 2, JIB2 Eniwo, etc., with their respective coordinates and operational details.

IDC 17:20:44:39.0:0.5,2.85S:77.65W, h110km,4km,mb4.0/18, mbtmp4.4/23, MS3.0/3, Error ellipse: s-maj=14.0km s-min=8.0km az=76.0

Table for station 1206, listing stations like TAIS Taisha, BOSC San Juan Bosco, AZOC Aguador-Azogue, etc.

Main table for station 1207, listing stations like BRRN Barrancas-Volc, TAMB Cotopaxi Volca, BTAM Tambo, etc., with their respective coordinates and operational details.

Main table for station 1208, listing stations like PLCA Paso Flores, HNDO Hondo, DRIO Del Rio, etc., with their respective coordinates and operational details.

17d 21h

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like Mendenhall, Drury Creek, Milliot Dollar, Windy Craggy, etc.

2018 SEP

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like Glacier View, Coleen River, Knik Glacier, Susitna Watana, etc.

1206

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like Owahat River, Redstone River, Ebiwuk River, Honhosa River, etc.

DC 17 20:45:56.5, 2.0, 14.32S; 75.70W, h68km, 21km, mb3.4/3, mbmp3.9/6, MS3.2/2, Error ellipse: s-maj=46.0km s-min=14.3km az=56.0

ISC 17 20:45:53.4, 1.0, 14.55S; 01:17:59W, 0.2, h29km, n19, 25:14.9, mb3.6/3, Near coast of Peru

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes entries like NNA, NNA, NNA, LPAZ, LVC, etc.

TEH 17 21:06:36.8, 34:62N, 46:27E, hgkm, 30km, ML2.8

ISN 17 21:06:37.0, 5.34:65N, 46:27E, h19km, 3km, ML3.4

ISC 17 21:06:37.6, 0.9, 34:62N; 00:46:27E, 0.03, h10km, n17, 15:05:20, Western Iran

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes entries like IDHR, IGHG, KGSJ, etc.

G21K	Allakaket	83.91	22	P	P	23 13 04.9	+0.1
G21K	Allakaket	83.91	22	P	P	23 13 04.6	-0.2
I21K	Tanana	84.01	23	P	IAMB	23 13 05.6	+0.2
I21K						23 13 09.5	
BPBW	Bear Paw Mtn.	84.05	25	P	P	23 13 05.0	-0.6
PWL	Port Wells	84.23	28	P	P	23 13 04.4	-2.2
PWL	Port Wells	84.23	28	P	P	23 13 05.9	-0.7
KNK	Knik Glacier	84.33	27	P	P	23 13 06.7	-0.4
KNK	Knik Glacier	84.33	27	P	P	23 13 06.0	-1.2
MLY	Manley	84.46	24	P	P	23 13 07.4	-0.4
MLY						23 13 08.9	
MLY	Manley	84.46	24	P	P	23 13 06.5	-1.3
E21K	Killik River	84.47	20	P	P	23 13 06.9	-0.8
H22K	Ishlitalina Cre	84.49	23	P	P	23 13 07.5	-0.4
SML	Sawmill	84.50	27	P	P	23 13 07.4	-0.7
SML	Sawmill	84.50	27	P	P	23 13 06.9	-1.1
WAT1	Susitna Watana	84.70	26	P	P	23 13 07.5	-1.5
RND	Reindor	84.74	26	P	P	23 13 07.9	-1.3
F22K	John River	84.75	21	P	P	23 13 08.3	-0.8
MCK	McKinley	84.80	25	P	IAMB	23 13 09.2	-0.3
MCK						23 13 09.3	
MCK	McKinley	84.80	25	P	P	23 13 08.2	-1.3
GLI	Glacier Island	84.82	28	P	P	23 13 08.9	-0.7
GLI	Glacier Island	84.82	28	P	P	23 13 08.2	-1.4
ABKAR	Akbulak array	84.94	320	P	IAMB	23 13 09.3	-1.1
ABKAR						23 13 10.3	
ABKAR	Akbulak array	84.94	320	P	P	23 13 09.4	-1.1
SCM	Sheep Creek	84.97	27	P	P	23 13 10.0	-0.4
SCM	Sheep Creek Mo	84.97	27	P	P	23 13 09.4	-1.0
HIN	Hinchinbrook I	84.97	29	P	P	23 13 09.4	-1.0
WAT2	Susitna Watana	84.99	26	P	P	23 13 09.6	-1.0
NEA2	Nenana	85.00	24	P	P	23 13 09.4	-1.0
I23K	Minto, Yukon-K	85.05	24	P	IAMB	23 13 10.5	-0.1
I23K						23 13 10.9	
I23K	Minto, Yukon-K	85.05	24	P	P	23 13 09.7	-0.9
D22K	Aiykay River	85.07	20	P	P	23 13 10.3	-0.4
FID	Port Fidalgo	85.08	28	P	IAMB	23 13 11.2	
FID						23 13 11.2	
E22K	Anaktuvuk Pass	85.10	21	P	IAMB	23 13 10.6	-0.4
E22K						23 13 13.6	
E22K	Anaktuvuk Pass	85.10	21	P	P	23 13 10.0	-0.9
H23K	Yukon River	85.19	23	P	IAMB	23 13 11.3	0.0
H23K						23 13 11.9	
H23K	Yukon River	85.19	23	P	P	23 13 10.7	-0.7
G23K	Bananza Creek	85.28	22	P	IAMB	23 13 11.7	-0.1
G23K						23 13 14.1	
G23K	Bananza Creek	85.28	22	P	P	23 13 11.0	-0.8
DHY	Denali Highway	85.28	26	P	P	23 13 11.4	-0.6
DHY	Denali Highway	85.28	26	P	P	23 13 10.7	-1.4
B22K	Teshkepuk Lake	85.37	18	P	P	23 13 10.9	-1.2
WRH	Wood River Hill	85.37	25	IAMB	IAMB	23 13 11.5	
EYAK	Cordova Ski Ar	85.37	29	P	P	23 13 11.5	-0.8
COLD	Coldfoot	85.38	22	P	P	23 13 11.3	-1.0
DIV	Divide	85.51	28	P	P	23 13 12.3	-0.8
KLU	Klutina	85.53	28	P	IAMB	23 13 12.7	-0.5
KLU						23 13 13.1	
KLU	Klutina	85.53	28	P	P	23 13 12.1	-1.1
M24K	Tolsona, Glenn	85.56	27	P	P	23 13 12.7	-0.7
M24K	Tolsona, Glenn	85.56	27	P	P	23 13 12.7	-0.7
D23K	Nanushuk River	85.78	20	P	P	23 13 13.6	-0.6
POKR	Poker Plat Res	85.82	24	P	P	23 13 13.6	-0.9
HDA	Harding Lake	85.83	25	P	P	23 13 12.7	-1.9
HDA						23 13 14.8	
HDA	Harding Lake	85.83	25	P	P	23 13 13.3	-1.3
H24K	Noodor Dome	85.84	23	P	IAMB	23 13 13.8	-0.9
H24K						23 13 15.6	
H24K	Noodor Dome	85.84	23	P	P	23 13 14.2	-0.5
RAGM	Ragged Mountai	85.85	29	P	IAMB	23 13 15.0	+0.2
RAGM						23 13 21.5	
E23K	Chandler	85.86	21	P	P	23 13 14.8	0.0
KAIM	Kayak Island	85.87	29	P	P	23 13 14.7	-0.2
KAIM	Kayak Island	85.87	29	P	P	23 13 14.5	-0.3
IL31		85.95	24	P	IAMB	23 13 13.3	-1.7
IL31						23 13 13.7	
ILAR	Eielson Array	85.95	24	P	P	23 13 13.3	-1.9
ILAR	Eielson Array	85.95	24	P	P	23 13 13.1	-2.1
IL03	Eielson Array	85.96	24	P	P	23 13 13.6	-1.6
BMRM	Bremner River	86.02	28	P	P	23 13 15.0	-0.7
BMRM	Bremner River	86.02	28	P	P	23 13 15.2	-0.4
HMT	Hamilton	86.04	29	P	P	23 13 15.4	-0.4
TOLK	Toolik Lake Re	86.05	20	P	P	23 13 15.6	0.0
C23K	Itkillik River	86.09	19	P	P	23 13 15.4	-0.3
C23K	Itkillik River	86.09	19	P	P	23 13 15.2	-0.5
PAX	Paxson	86.09	26	P	P	23 13 15.7	-0.3
K24K	Donnelly Dome	86.17	25	P	P	23 13 15.7	-0.6
N25K	Chitina, Valde	86.17	28	P	P	23 13 16.4	0.0
N25K	Chitina, Valde	86.17	28	P	P	23 13 16.2	-0.2
G24K	Hadweencic Riv	86.24	22	P	P	23 13 16.1	-0.6
G24K	Hadweencic Riv	86.24	22	P	P	23 13 16.0	-0.6
E24K	Your Creek	86.26	21	P	P	23 13 16.4	-0.3
F24K	Squaw Lake	86.32	22	P	IAMB	23 13 17.6	+0.6
F24K						23 13 28.6	
F24K	Squaw Lake	86.32	22	P	P	23 13 16.6	-0.4
D24K	Happy Valley	86.47	20	P	P	23 13 17.2	-0.4
GLB	Gilahina Butte	86.50	28	IAMB	IAMB	23 13 18.5	
J25K	Salcha River	86.54	25	P	P	23 13 16.8	-1.3
J25K	Salcha River	86.54	25	P	P	23 13 17.8	-0.4
RIDG	Independent Ri	86.55	26	IAMB	IAMB	23 13 18.4	
RIDG	Independent Ri	86.55	26	P	P	23 13 17.4	-0.8
VRDI	Verde Repeater	86.62	28	P	IAMB	23 13 18.3	-0.3
VRDI						23 13 19.5	

CROM	Cirque	86.67	29	IAMB	IAMB	23 13 20.3	
C24K	Franklin Bluff	86.68	19	P	P	23 13 17.8	-0.8
CROE	Cirque	86.69	29	P	P	23 13 18.6	-0.4
H25L	Birch Creek	86.77	23	P	P	23 13 19.2	+0.1
G25K	Bearman Lake	86.79	23	P	P	23 13 18.6	-0.6
SCRK	Sand Creek	86.98	26	P	P	23 13 19.7	-0.7
SCRK	Sand Creek	86.98	26	P	P	23 13 20.0	-0.4
QSPA	South Pole Qui	87.05	180	P	P	23 13 20.2	-0.5
QSPA						23 13 29.0	
QSPA	South Pole Qui	87.05	180	P	P	23 13 19.9	-0.8
QSPA						23 50 58.5	
L26K	Log Cabin Wild	87.05	27	P	P	23 13 20.2	-0.4
FYU	Fort Yukon	87.07	23	P	P	23 13 20.1	-0.5
M26K	Nabesna, AK	87.08	27	P	P	23 13 21.2	+0.4
MESA	MESA	87.14	29	P	P	23 13 21.0	-0.3
MESA	MESA	87.14	29	P	P	23 13 20.5	-0.8
F25K	Christian River	87.17	22	P	P	23 13 20.9	-0.2
J26L	Joseph Creek	87.25	25	P	P	23 13 21.4	-0.3
GRNC	Granite Creek	87.34	29	P	IAMB	23 13 21.8	-0.5
GRNC						23 13 35.7	
BMAR	Bear Mountain	87.53	22	P	P	23 13 23.2	+0.4
CTG	Chita Glacier	87.58	29	P	P	23 13 22.5	-0.8
M27K	Edge Creek, AK	87.58	27	IAMB	IAMB	23 13 24.1	
M27K	Edge Creek, AK	87.58	27	P	P	23 13 23.3	0.0
I26K	Coal Creek Min	87.62	24	P	P	23 13 22.3	-0.9
I26K	Coal Creek Min	87.62	24	P	P	23 13 22.8	-0.5
LOGN	Logan Glacier	87.72	29	P	IAMB	23 13 23.5	-0.6
LOGN						23 13 36.0	
G26K	Porcupine River	87.72	23	P	P	23 13 23.6	-0.1
L27K	Beaver Creek	87.74	27	P	P	23 13 23.7	-0.2
F26K	Sheenjek River	87.75	22	P	P	23 13 24.1	+0.2
F26K	Sheenjek River	87.75	22	P	P	23 13 24.1	+0.2
BCAR	Beaver Creek A	87.76	27	P	P	23 13 24.1	0.0
K27K	Chicken	87.81	26	P	P	23 13 24.2	0.0
PINM	Pinnacle	87.96	30	P	P	23 13 25.0	-0.1
C26K	Campen Bay	88.00	20	P	P	23 13 25.1	-0.1
YUK3	Moose Creek	88.14	28	P	P	23 13 25.6	-0.5
I27K	Kandik River	88.31	24	P	P	23 13 26.8	+0.2
PNL	Peninsula	88.32	30	P	P	23 13 26.4	-0.3
EGAK	Eagle	88.34	25	P	IAMB	23 13 26.3	-0.4
EGAK						23 13 27.2	
EGAK	Eagle	88.34	25	P	P	23 13 26.6	-0.2
YUK8	Steele Glacier	88.39	29	P	P	23 13 26.5	-0.8
H27K	Steamboat Moun	88.46	24	P	P	23 13 27.0	-0.3
G27K	Doyon Strip	88.52	23	P	IAMB	23 13 28.1	+0.5
G27K						23 13 42.2	
G27K	Doyon Strip	88.52	23	P	P	23 13 27.0	-0.5
E27K	Coleen River	88.80	22	P	P	23 13 29.0	+0.2
O29M	Mount Kennedy	88.82	30	P	P	23 13 28.6	-0.7
YUK4	Talbot Arm	88.93	29	P	P	23 13 30.3	+0.4
I28M	Miner Creek	88.97	24	IAMB	IAMB	23 13 30.6	
I28M	Miner Creek	88.97	24	P	P	23 13 29.6	-0.2
DAWY	Dawson	88.98	26	P	P	23 13 30.0	+0.2
YUK6	Outpost Mounta	89.01	29	P	P	23 13 29.9	-0.4
P29M	Windy Craggy	89.15	30	IAMB	IAMB	23 13 31.4	
P29M	Windy Craggy	89.15	30	P	P	23 13 30.1	-0.6
M29M	Somme Creek	89.17	27	IAMB	IAMB	23 13 31.6	
M29M	Somme Creek	89.17	27	P	P	23 13 30.3	-0.5
F28M	Old Crow	89.34	22	P	P	23 13 31.6	+0.2
F28M	Old Crow	89.34	22	P	P	23 13 31.2	-0.2
L29M	L29M	89.41	27	P	IAMB	23 13 31.3	-0.5
L29M						23 13 34.2	
L29M	L29M	89.41	27	P	P	23 13 31.2	-0.7
HYT	Haines Junctio	89.41	29	IAMB	IAMB	23 13 32.7	
HYT	Haines Junctio	89.41	29	P	P	23 13 31.4	-0.6
P30M	Million Dollar	89.60	30	P	P	23 13 32.6	-0.2
E28M	Babbage River	89.62	21	P	IAMB	23 13 33.0	+0.3
E28M						23 13 47.1	
N30M	Aishikik Lake	89.69	29	IAMB	IAMB	23 13 33.9	
N30M	Aishikik Lake	89.69	29	P	P	23 13 32.8	-0.4
K29M	Barlow Dome	89.77	26	P	P	23 13 34.3	+0.6
K29M	Barlow Dome	89.77	26	P	P	23 13 33.1	-0.5
PLBC	Pleasant Camp	89.82	31	P	P	23 13 33.1	-0.7
M30M	Minto, Yukon	89.95	27	P	P	23 13 33.8	-0.6
D28M	Stiles Point	90.01	21	P	P	23 13 34.2	-0.2
O30N	Mendenhall	90.09	29	P	P	23 13 34.8	-0.3
O30N	Mendenhall	90.09	29	P	P	23 13 34.6	-0.5
N31M	Braeburn, Yuko	90.31	29	P	IAMB	23 13 35.6	-0.5
N31M						23 13 36.7	
N31M	Braeburn, Yuko	90.31	29				

18d Oh

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

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like STKA Stephens Creek, ASAR Alice Springs.

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like DAV Davao City (W), MTN Mantion Dam.

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like FITZ Fitzroy Cross, WRO Warramunga Arr.

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like WRA Warramunga Arr, WRO Warramunga Arr.

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs.

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like MORW Morawa, FORT Forrest.

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like WAKE ISLAND Hy, WAKE ISLAND Hy.

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek.

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like PINNC Pines Island, MK31 Makanchi Array.

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array.

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like MAZK Makanchi, MAZK Makanchi.

2018 SEP

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like FINES FINES Array B, TORD Torodi Arr.

SJA 18 00:52:45.5:0.6:24:08S:66:92W,h226km,5km,ML4.3, MW4.4

GUC 18 00:52:46.0:0.8:24:12S:66:90W,h227km,9km,ML4.2

NEIC 18 00:52:46.4:1.8:24:11S:0:05:66:90W:0:07,1194km,5km, mb4.4/17,Mw4.5(GUC),Error ellipse: s-maj=1.0,1km

VAO 18 00:52:48.0:0.2:24:06S:66:85W,h201km,3km,mb4.5

ISC 18 00:52:46.5:0.6:24:11S:0:03:66:92W:0:03,1194km,5km, n284,r1s39/319,317,7D,9C-7D,Salta Province

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like San Lorenzo, Zapla.

Code Station Name Az El P Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like LVC Limon Verde, LVC Limon Verde.

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Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like MT13 San Alfonso, LMEL Las Melosas.

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Table with columns: Code, Station Name, Az, El, P, Res, Time, ISC. Includes stations like MT13 San Alfonso, LMEL Las Melosas.

MONAHNS	64.94	326	P	P	01 03 07.1	+1.7
SN05	65.27	329	P	P	01 03 07.9	+0.4
ASPERT	65.29	330	P	P	01 03 08.1	+0.5
APM7			I	Amb	01 03 09.6	
SN07	65.45	329	P	P	01 03 09.8	+1.1
SN07			I	Amb	01 03 10.4	
FVM	65.59	340	P	P	01 03 09.7	+0.2
FVM			I	Amb	01 03 10.2	
VHRN	65.65	324	P	P	01 03 11.8	+1.7
VHRN			I	Amb	01 03 12.5	
CCM	65.92	339	P	P	01 03 11.9	+0.4
QSPA	66.10	180	P	P	01 03 14.8	+2.2
QSPA	66.10	180	P	P	01 03 14.8	+2.2
S39A	66.30	337	P	P	01 03 13.8	-0.2
S39A			I	Amb	01 03 15.6	
SMWD	66.83	331	P	P	01 03 17.0	-0.4
SMWD			I	Amb	01 03 19.3	
MSTX	67.07	328	P	P	01 03 18.9	-0.1
MSTX			I	Amb	01 03 21.5	
DBIC	67.76	71	P	P	01 03 25.0	+1.3
P38A	68.10	338	P	P	01 03 25.2	0.0
ANMO	68.68	326	P	P	01 03 37.3	+2.0
ANMO	68.68	326	P	P	01 03 37.6	+2.3
L34A	71.17	337	P	P	01 03 44.0	0.0
BGNE	71.33	336	P	P	01 03 45.2	+0.3
SDCO	71.42	329	P	P	01 03 46.2	+0.3
X16A	71.94	329	P	P	01 03 49.4	+0.5
I37A	72.01	340	P	P	01 03 48.2	-0.7
WUAZ	72.71	323	I	Amb	01 03 53.4	0.0
WUAZ			I	Amb	01 03 57.1	
ECSD	72.81	338	P	P	01 03 53.4	-0.2
ECSD			I	Amb	01 03 55.8	
ISCO	73.11	330	P	P	01 03 54.6	-1.3
BRIGG	73.16	331	P	P	01 03 53.4	-2.5
BRIGG			I	Amb	01 03 58.9	
U15A	73.89	323	P	P	01 03 60.0	-0.5
U15A			I	Amb	01 04 04.3	
O20A	74.61	328	P	P	01 04 03.9	-0.6
O20A			I	Amb	01 04 07.8	
V12A	74.81	321	P	P	01 04 04.6	-1.0
ELS	74.89	318	P	P	01 04 05.7	-0.3
ELS			I	Amb	01 04 09.4	
CCUT	75.29	323	P	P	01 04 08.8	+0.3
CCUT			I	Amb	01 04 12.5	
P17A	75.34	326	P	P	01 04 08.3	-0.3
P17A			I	Amb	01 04 11.7	
MSU	75.36	325	P	P	01 04 09.1	+0.3
SHRP	75.54	322	P	P	01 04 09.7	-0.1
RDMU	75.59	328	P	P	01 04 11.7	+1.6
RDMU			I	Amb	01 04 12.9	
SUR	75.69	119	P	P	01 04 11.6	+0.6
SUR			I	Amb	01 04 13.7	
RSSD	75.94	333	P	P	01 04 10.7	-1.2
PRN	76.12	322	P	P	01 04 13.4	+0.3
PRN			I	Amb	01 04 16.9	
GWY	76.18	321	P	P	01 04 12.2	-1.3
GWY			I	Amb	01 04 16.6	
PSUT	76.27	324	P	P	01 04 13.3	-0.6
PSUT			I	Amb	01 04 17.1	
TPNV	76.47	321	P	P	01 04 14.4	-0.6
TPNV			I	Amb	01 04 18.9	
TORD	76.53	69	P	P	01 04 15.2	-0.4
TORD	76.53	69	P	P	01 04 15.6	-0.1
JLU	76.55	327	P	P	01 04 15.1	-0.4
JLU			I	Amb	01 04 18.3	
WCT	76.58	321	P	P	01 04 14.9	-0.7
AGM	76.61	341	P	P	01 04 14.1	-1.3
AGM			I	Amb	01 04 16.5	
SPR3	76.86	324	P	P	01 04 18.1	+0.7
ISA	76.89	319	P	P	01 04 17.1	-0.3
ISA			I	Amb	01 04 20.9	
DUG	76.94	326	P	P	01 04 16.9	-0.7
R11B	77.08	323	P	P	01 04 18.8	+0.3
Q12A	77.16	324	P	P	01 04 19.2	+0.4
Q12A			I	Amb	01 04 22.4	
PD31	77.29	329	P	P	01 04 18.4	-1.1
PDAR	77.28	329	P	P	01 04 21.1	+1.6
GMN	77.29	321	P	P	01 04 19.6	-0.2
HWUT	77.36	327	P	P	01 04 19.4	-0.6
HWUT			I	Amb	01 04 23.7	
MDND	77.42	338	P	P	01 04 19.4	-0.5
SPUT	77.58	327	P	P	01 04 20.6	-0.5
SPUT			I	Amb	01 04 24.1	
BGU	77.59	326	P	P	01 04 20.4	-0.8
REDW	78.34	329	P	P	01 04 24.8	-0.6
ULM	78.35	341	P	P	01 04 25.1	+0.1
ULM			I	Amb	01 04 26.4	
ULM	78.35	341	P	P	01 04 25.8	+0.9
TPAW	78.49	329	P	P	01 04 27.6	+1.3
OMMB	78.52	320	P	P	01 04 26.9	+0.4
OMMB			I	Amb	01 04 29.7	
NV11	78.59	321	P	P	01 04 26.2	-0.5
ELK	78.60	325	P	P	01 04 27.6	+0.7
ELK	78.60	325	P	P	01 04 28.9	+2.0
SCHO	78.61	0	P	P	01 04 26.8	+0.5
FXWY	78.64	329	P	P	01 04 27.2	+0.2
NVAR	78.67	321	P	P	01 04 29.5	+2.2
IMW	78.79	329	P	P	01 04 27.3	-0.6
IMW			I	Amb	01 04 31.0	
FLWY	78.82	329	P	P	01 04 27.4	-0.6
FLWY			I	Amb	01 04 31.4	
LAO	78.92	334	P	P	01 04 28.3	+0.1
LAO			I	Amb	01 04 31.3	
RLMT	78.97	331	P	P	01 04 28.3	-0.5
RLMT			I	Amb	01 04 31.2	
KVN	78.98	322	P	P	01 04 29.3	+0.4
KVN			I	Amb	01 04 31.8	
YHH	79.43	330	P	P	01 04 32.0	+0.6
DGMT	79.59	336	P	P	01 04 32.0	+0.6
DGMT			I	Amb	01 04 34.7	
YHL	79.63	330	P	P	01 04 33.0	+0.5

YHL			I	Amb	01 04 35.6	
PAHR	80.15	322	P	P	01 04 34.6	-0.5
PAHR			I	Amb	01 04 38.6	
HLID	80.22	327	P	P	01 04 36.6	+1.2
HLID			I	Amb	01 04 39.1	
MCMT	80.39	329	P	P	01 04 36.8	+0.3
BOSA	80.62	117	P	P	01 04 38.9	+0.9
MAW	81.31	163	P	P	01 04 42.8	+2.0
PLID	82.11	327	P	P	01 04 46.2	+0.7
PLID			I	Amb	01 04 48.3	
OVMT	82.13	330	P	P	01 04 45.0	-0.5
J08A	82.15	325	P	P	01 04 45.6	0.0
J08A			I	Amb	01 04 48.7	
MSO	82.39	330	P	P	01 04 46.8	+0.1
EMO	82.53	333	P	P	01 04 47.4	-0.4
F10A	83.34	327	I	Amb	01 04 58.3	
TAM	84.38	62	P	P	01 04 57.5	0.0
C09A	84.64	328	P	P	01 05 00.8	+0.2
C09A			I	Amb	01 05 03.0	
ESDC	86.42	44	P	P	01 05 08.7	+1.6
CASY	89.88	179	P	P	01 05 23.0	0.0
YKA	94.25	340	P	P	01 05 43.5	+0.5
D22K	110.74	337	PP	PP	01 11 31.4	-4.5
EMO	128.39	205	PKP	PKP	01 11 31.6	+0.2
WRA	131.57	207	PKP	PKP	01 11 37.9	+0.1
ABKAR	131.75	45	PKP	PKP	01 11 38.0	+0.8
Borovoye	136.83	37	PKP	PKP	01 11 46.4	+0.9
KURBB	142.42	36	PKHP	PKHP	01 11 53.5	
ZALV	143.45	28	PKP	PKP	01 11 56.2	+0.9
ZALV	143.45	28	PKP	PKP	01 11 56.5	-1.0
NRN	144.68	52	PKP	PKP	01 12 01.5	+1.0
MKAR	146.56	40	PKP	PKP	01 12 04.6	-0.4
SONM	155.73	11	PKP	PKP	01 12 45.2	+0.7
ISDC	180.53:27.5:8.5,0.82N:97:31E,h0km,mb3.6/4,mbmp3.6/4,MS2.9/1,Error ellipse: s-maj=415.3km s-min=28.4km az=53.0					
DJA	180:53:1.4:0.3,1°N:3°9'8E:1,h81km,M4.1/6,mb4.8/1,MLV3.8/6					
ISDC	180:53:31.5:0.9,1°12N:0°06.97'60E:0.07,h27km,m24,az=188/12,mb3.6/4,Northern Sumatra					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s ISC
GSJ	Gunungsitoli	0.18 352	Op	00 53 49.9	+11	
PBSI	Pulau Batu	1.35 150	P	00 53 55.3	-0.9	
PBSI			S	00 54 14.2	+1.1	
TRSI	Tarutung	1.63 57	P	00 53 58.5	-0.1	
TRSI			S	00 54 17.9	-0.8	
GNSI	Sinabang, Aceh	1.81 315	P	00 54 00.1	-0.8	
GNSI			S	00 54 23.9	-2.2	
PSI	Prapat	2.13 38	P	00 54 02.8	-2.7	
SISI	Saibi	2.85 149	P	00 54 12.8	-2.5	
CMAR	Chiang Mai Arr	17.28 4	LR	01 05 25.3		
H08S2	Diego Garcia H	26.51 250	T	01 26 00.3		
H08S3	Diego Garcia H	26.52 250	T	01 25 56.8		
H08S1	Diego Garcia H	26.53 250	T	01 26 00.3		
H01W3	Cape Leeuwin H	39.02 158	T	01 42 04.3		
H01W2	Cape Leeuwin H	39.03 158	T	01 42 04.9		
H01W1	Cape Leeuwin H	39.04 158	T	01 42 01.6		
WRA	Warramunga Arr	41.65 122	P	00 51 18.7	+0.6	
MKAR	Makanchi Array	47.41 346	P	01 02 06.3	+2.7	
ZALV	Zalesovo Beam	53.70 351	P	01 02 52.3	+1.4	
BVAR	Borovoye Array	56.46 341	P	01 03 11.9	+1.0	
H04N2	CROZET ISLANDS 61.94 214	T		02 10 24.9		
H04N1	CROZET ISLANDS 61.95 214	T		02 10 22.6		
H04N3	CROZET ISLANDS 61.95 214	T		02 10 23.9		
H04S1	CROZET ISLANDS 62.27 214	T		02 10 47.9		
H04S3	CROZET ISLANDS 62.28 214	T		02 10 52.9		
H04S2	CROZET ISLANDS 62.29 214	T		02 10 51.9		
TXAR	Lajitas Array	143.52 32	PKHP	01 13 02.7		
SSNC	18 00:57:17.6:1.1,19.85N:74:55W,h5km,MD3.9,ML3.7, MW3.8,2D,Cuba region					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s ISC
QMBU	Quimbuéolo	0.43 324	eP	00 57 25.3	-0.6	
QMBU			Pg	00 57 30.7	-0.7	
QMBU			I	00 57 31.7		
QMBU			I	00 57 32.4		
MASC	Masc	0.44 43	iP	00 57 25.7	-0.4	
MASC			eS	00 57 32.5	+0.7	
MASC			I	00 57 34.5		
MASC			I	00 57 34.6		
GTBY	Guantanamo Bay	0.54 278	iP	00 57 28.0	+0.1	
GTBY			Sb	00 57 36.7	-1.2	
GTBY			I	00 57 37.1		
MOAC	MOA	0.89 334	eP	00 57 32.4	-2.4	
MOAC			eS	00 57 46.9	+0.5	
MOAC			I	00 57 48.8		
RCC	Rio Carpintero	1.09 278	eP	00 57 35.8	-2.7	
RCC			eS	00 57 50.2	-2.5	
RCC			I	00 57 50.9		
RCC			I	00 57 54.4		
MARVS	Santiago de Cu	1.28 277	eP	00 57 38.7	-3.5	
MARVS			eS	00 57 55.1	-3.8	
MARVS			I	00 57 59.2		
MARVS			I	00 57 59.5		
HLCG	Holgún	1.76 306	eP	00 57 47.9	-0.9	
HLCG			eS	00 57 56.2	+0.1	
HLCG			I	00 58 27.7		

18d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like KCRM, KRMM, KRPM, etc., with their respective coordinates and data.

AFAD 18 01:33:29.0, 0.35, 79N, 28.38E, h11km, 1km, ML2.5
ATH 18 01:33:29.7, 35.88N, 28.54E, h13km, 2km, ML2.6/2, Error ellipse: s-maj=5.2km s-min=1.6km az=76.0

2018 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ISC 18 01:33:30.7, 1.4, 35.87N, 0.04, 28.32E, etc., and includes a section for 'Near south coast of eastern Honshu'.

1212

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like USRK, USRKY, USRKY, etc., and includes a section for 'North Island'.

18d 3h

Table with columns: Code, Station Name, Az, El, P, I, Az, El, P, I, Time, Res. Includes stations like Kokkov River B, Timber Creek, Seaside, Belrago, Anvik River, Port Wells, Elselon Array, Lajlas Array.

BUG 18 03:45:47.5, 51:58N, 16:33E, h0km, 77km, MD4.5/6, ML4.1/10
IPEC 18 03:45:48.6, 0.2, 51:59N, 16:18E, h1km, ML3.2/4, Error ellipse: s-maj=1.9km s-min=1.1km az=39.0
LDG 18 03:45:48.9, 0.4, 51:53N, 16:23E, h1km, MG.7/13, Error ellipse: s-maj=8.0km s-min=4.5km az=165.0, Suspected Mining induced.

Main table for 18d 3h section, columns: Code, Station Name, Az, El, P, I, Az, El, P, I, Time, Res. Includes stations like KSP, UPC, DPC, BRG, CLL, MORC, KRUC, TANN, JAVC, KHC, MOX, MANZ, CKRC, ROTZ, GERES.

2018 SEP

Table with columns: Code, Station Name, Az, El, P, I, Az, El, P, I, Time, Res. Includes stations like GERTS, WET, GORTI, LANS, MODS, CLNZ, NIE, NIE, BSD, CLZ, VYHS, VYHS, GRF, CONA, NRDL, GTTG, UBBA, RONA, RONA, MOA, MOA, KECS, KECS, BIOA, BIOA, LUNU, LUNU, ARSA, ARSA, MPLH, LESA, LESA, KOLS, KOLS, BJUU, BJUU, KASTN, KBA, SOKA, SOKA, DEL, DEL, TNS, HOLU, GROS, WATA, WATA, OBKA, OBKA, WTTA, WTTA, WTTA, MYKA, MYKA, MOTY, MOTY, RETA, RETA, ABTA, ABTA, KOE, SQT, SQT, SOTA, SOTA, BKLG, BKLG, OSKU, OSKU, MORH, MORH, CRNS, CRNS, BGG, LAUG, LAUG, AHRW, FETA, FETA, GNOU, GNOU, STB, DAVA, DAVA, GBRG, GBRG, ONAU, ONAU, DREG, DREG, BORU, BORU, DAVOX, DAVOX, DAVOX.

Main table for 2018 SEP section, columns: Code, Station Name, Az, El, P, I, Az, El, P, I, Time, Res. Includes stations like GERTS, WET, GORTI, LANS, MODS, CLNZ, NIE, NIE, BSD, CLZ, VYHS, VYHS, GRF, CONA, NRDL, GTTG, UBBA, RONA, RONA, MOA, MOA, KECS, KECS, BIOA, BIOA, LUNU, LUNU, ARSA, ARSA, MPLH, LESA, LESA, KOLS, KOLS, BJUU, BJUU, KASTN, KBA, SOKA, SOKA, DEL, DEL, TNS, HOLU, GROS, WATA, WATA, OBKA, OBKA, WTTA, WTTA, WTTA, MYKA, MYKA, MOTY, MOTY, RETA, RETA, ABTA, ABTA, KOE, SQT, SQT, SOTA, SOTA, BKLG, BKLG, OSKU, OSKU, MORH, MORH, CRNS, CRNS, BGG, LAUG, LAUG, AHRW, FETA, FETA, GNOU, GNOU, STB, DAVA, DAVA, GBRG, GBRG, ONAU, ONAU, DREG, DREG, BORU, BORU, DAVOX, DAVOX, DAVOX.

1218

Table with columns: Code, Station Name, Az, El, P, I, Az, El, P, I, Time, Res. Includes stations like CDF, CDF, CDF, LNKU, LNKU, LNKU, WIKU, WIKU, TJOU, TJOU, HINF, HINF, HINF, NACGM, NACGM, HAU, HAU, HAU, GIVF, GIVF, GIVF, PAGF, PAGF, PAGF, BAIF, BAIF, BAIF, HOMB, HOMB, HOMB, AK11, AK11, AK11, AK07, AK07, AK07, AKASG, AKASG, AKASG, AKKB, AKKB, AKKB, AK05, AK05, AK05, HFS, HFS, HFS, HFS, HFS, LPL, LPL, LPL, LPG, LPG, LOR, LOR, LOR, MBDF, MBDF, MBDF, SSF, SSF, SSF, SMF, SMF, SMF, ORIF, ORIF, ORIF, AVF, AVF, AVF, SBF, SBF, NOA, NOA, NOA, RAFA, RAFA, RAFA, BGF, BGF, BGF, PGF, PGF, PGF, SMRF, SMRF, LMR, LMR, LASF, LASF, FINES, FINES, FINES, FINES, FINES, EKA, EKA, EKA, EKA, EKA, ARCES, ARCES, ARCES, BVAR, BVAR, BVAR, KURBB, KURBB, KURBB, TORD, TORD, TORD, SOMN, SOMN, SOMN, PDAR, PDAR, PDAR, PDAR, PDAR, GBS, GBS, GBS, POL, POL, POL, ATGJ, ATGJ, ATGJ, SIZA, SIZA, SIZA, IML, IML, IML, IML, IML, KDMR, KDMR, KDMR, ALIB, ALIB, ALIB, XNQ, XNQ, XNQ, QUBA, QUBA, QUBA, QBL, QBL, QBL, QSAR, QSAR, QSAR, QSAR, QSAR, KSMR, KSMR, KSMR, AKT, AKT, AKT, AKT, AKT, SEKA, SEKA, SEKA, SEKA, SEKA, URKAR, URKAR, URKAR, YRDK, YRDK, YRDK, YRD, YRD, YRD, GANJ, GANJ, GANJ, GANJ, GANJ, KMKR, KMKR, KMKR, LRK, LRK, LRK.

Main table for 1218 section, columns: Code, Station Name, Az, El, P, I, Az, El, P, I, Time, Res. Includes stations like CDF, LNKU, WIKU, TJOU, HINF, NACGM, HAU, GIVF, PAGF, BAIF, HOMB, AK11, AK07, AKASG, AKKB, HFS, LPL, LPG, LOR, MBDF, SSF, SMF, ORIF, AVF, SBF, NOA, RAFA, BGF, PGF, SMRF, LMR, LASF, FINES, FINES, FINES, EKA, EKA, ARCES, BVAR, KURBB, TORD, SOMN, PDAR, GBS, POL, ATGJ, SIZA, IML, IML, KDMR, ALIB, XNQ, QUBA, QBL, QSAR, QSAR, KSMR, AKT, AKT, SEKA, SEKA, URKAR, YRDK, YRDK, GANJ, GANJ, KMKR, LRK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LRK, GNBR, GDB, ARKR, XNZR, UNCR.

NEIC 18 03:48:07.9-1.6, 18.1S:0.1:178.3W:0.1, h556km, 7km, mb4.4/223, Error ellipse: s-maj=23.1km s-min=16.1km az=143.0

IDC 18 03:48:09.2-0.9, 18.34S:178.25W, h575km, 8km, mb3.8/17, mbmp4.6/19, Error ellipse: s-maj=12.8km s-min=9.3km az=118.0

ISC 18 03:48:08.2-0.7, 18.30S:0.07x178.21W:0.07, h570km, 7km, n695, c0979/707, mb4.4/137, 34C-47D, Fiji

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSVF, AFI, NIUE, DZM, WIAZ, MBZ, MKZ, HAZ, AWAZ, RUGZ, RWGZ, URZ, URZ, URZ, MWZ, PRGZ, TMWZ, OTVZ, SNVZ, BFZ, LKE, GIDS, WHZ, ARMA, CTAO, CAN, COEN, STKA, BBOO, HATHI, WR0, WB0, WB2, WRAB, WRA, WRA, WRA, AS31, ASAR, ASAR, MTN, FORT, KNRA, FITZ, PSA00, MBWA, GIRL, JAGI, MJAR, MAJO, MJB9, JOW, AMNH, AMKA, UCM, KIWB, ADK, GSTR, JNU, NIKH, JKA, QSPA, QSPA, UNV, UNV, SSB, TPUB, FALS, PETK, PETK.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHNA, SDPT, P08K, KSRS, KSAR, USRK, SII, R17L, PLK4, OHAH, R18K, AFDM, TPFO, Q17K, O14K, MDJ, MDJ, MDJ, O15K, OMBB, YBH, Q16K, KDKA, P16K, WAKR, M11K, Q18K, N14K, PNTR, PNTR, DSP, P17K, YERR, O16K, O16K, LHV, M13K, Q20K, Q19K, Q19K, N15K, N15K, N15K, NVAR, NVAR, PAHR, P18K, P18K, NV11, O17K, WCT, M14K, M15K, KVN, N16K, O18K, O18K, TPH, TPV, P19K, L14K, L14K, L14K, N17K, N17K, J05D, J05D, BNX, BNX, M16K, M16K, ILSW, H10M, H10M, K13K, N18K, H04A, H04A, L15K, L15K, O20K, S11A, S11A, BRSE, I05D, I05D, N19K, N19K, N19K, L16K, L16K, L16K.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like M17K, M17K, PRN, PRN, R11B, BMN, BMN, K15K, K15K, M18K, WVOR, WVOR, J14K, L17K, Q23K, CAPN, TUC, O22K, N20K, P23K, SPU, I07A, I07A, L18K, L18K, L18K, GNW, J08A, J08A, Q12A, Q12A, LCMT, K17K, X16A, L19K, L19K, RC01, RC01, RC01, M20K, CCUT, CBB, PWB, PWB, SUA, SUA, SUA, J16K, J16K, SPR3, KNB, PSUT, U15A, U15A, KAIM, SKM, SKT, L20K, L20K, GLI, GLI, J17K, J17K, J17K, CRAG, CRAG, ELK, ELK, EYAK, EYAK, WUAZ, M22K, M22K, M22K, KNK, KNK, KNK, PMR, PMR, PMR, G08A, G08A, I17K, PKCU, PKCU, GHO, SIT, LTY, DUN6, DUN6, J18K, E07A, E07A, U33K, V35K, SML, SML, SML, HAWA, HAWA, HEH, HEH, CUT, M23K, PPLA.

GII 18 05:00:18.4-0.3,34'.51N,0.002-24.711E,0.001, h1km,mB4.5,Md4.4,4,confirmed

AFAD 18 05:00:20.2-0.0,34'.41N-24.60E,h7km,2km,MW4.1

IDC 18 05:00:21.8-0.5,34'.71N-24.64E,h0km,mB4.3,2, mbmp4.3/27,ML4.0/6,MS3.5/33,Error ellipse: s-maj=14.2km s-min=10.3km az=127.0

MOS 18 05:00:22.8-1.4,34'.61N-24.53E,h19km,mB4.2/13,Error ellipse: s-maj=5.5km s-min=4.0km az=84.5

MED_RC 18 05:00:23.0-0.5,34'.52N-24.55E,h15km,MW4.5/9, Moment Tensor Solution, Mantle waves: s, p, 11 Duration: 1s 0 Moment tensor: Scale 10¹⁵Nm, Mrr=0.215, 2Mrr=1.32, Mrr=1.32±.18; M_{tt}=1.13±.25; M_{bb}=0.93±.37; M_{tt}=0.30±.16; M_{tt}=1.23±.50; Best double couple: M_{tt} 7.11000x10¹⁵ NP1=281.00000°,δ7.00000°,λ-84.00000°. NP2: 281.00000°,δ7.00000°,λ-155.00000°. Principal axes: T 7.5800,Plg42.0000°,Azms5.0000°,N -0.9400,Plg6.0000°,Azml101.0000°;P -6.6300,Plg47.0000°,Azml197.0000°; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=35s.

MCSM 18 05:00:23.7-0.5,35'.N5.2°E5.1°,h11km,3km,mB4.5, mbA4.5,MLV4.6,MW(mB)3.6

NEIC 18 05:00:24.0-2.7,34'.65N-24.59E,0.03,h10km,1km, mb4.4/26,Error ellipse: s-maj=8.1km s-min=3.9km az=187.0

ISK 18 05:00:25.6-34'.66N-24'.63E,h14km,ML4.0/19

THE 18 05:00:26.3,34'.59N-24'.63E,h5km,2km,ML4.3/6,Error ellipse: s-maj=2.9km s-min=1.2km az=1.0

ATH 18 05:00:26.1,34'.57N-24'.65E,h10km,Mw4.3, Moment Tensor Solution. s11 Moment tensor: Mrr=0.96; M_{tt}=0.77; M_{tt}=0.19; M_{tt}=2.81; M_{tt}=0.69; M_{tt}=0.02; Fault plane solution: NP1=31.00000°,δ16.00000°,λ-145.00000°. NP2=267.00000°,δ81.00000°,λ-7.77.00000°

HLW 18 05:00:29.9-34'.34N-25'.12E,h28km,36km,Md4.2,ML4.2

PDG 18 05:00:30.2-0.5,34'.70N-24'.12E,h11km,1km,ML4.4/10, Error ellipse: s-maj=23.5km s-min=14.1km az=90.0

NAO 18 05:01:25.8,40'.44N-20'.80E,h33km,mB3.2

ISC 18 05:00:24.0-0.3,34.54N,0.003-24.66E,0.02,h15km,5km, n440,1978/451,mb4.3/43,MS3.5/29,15C-19D,Crete

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
TMBK	Timbaki Herakl	0.54	9	Op	05 00 35.3	-1.2
TMBK	Timbaki Herakl	0.54	9	P	05 00 43.9	+1.2
TMBK	Timbaki Herakl	0.54	9	S	05 00 35.9	-1.2
TMBK	Gavdhos	0.56	302	Pg	05 00 42.9	+0.2
GVD	Gavdhos	0.56	302	P	05 00 35.8	+0.3
GVD	Gavdhos	0.56	302	S	05 00 36.6	-0.8
GVD	Gavdhos	0.56	302	P	05 00 36.6	-0.8
GVD	Gavdhos	0.56	302	S	05 00 44.7	-1.8
GVD	Gavdhos	0.56	302	P	05 00 36.6	-0.8
GVD	Gavdhos	0.56	302	S	05 00 44.0	+0.7
GVD	Gavdhos	0.56	302	AML	05 00 55.8	0.9
GVD	Gavdhos	0.56	302	AML	05 00 58.0	0.9
IDI	Anoyia	0.77	14	Pb	05 00 58.8	-0.3
IDI	Anoyia	0.77	14	Pg	05 00 38.8	-0.3
IDI	Anoyia	0.77	14	Sb	05 00 48.8	-0.6
IDI	Anoyia	0.77	14	P	05 00 39.1	0.0
IDI	Anoyia	0.77	14	S	05 00 48.9	-0.6
IDI	Anoyia	0.77	14	P	05 00 39.3	+0.1
IDI	Anoyia	0.77	14	S	05 00 50.3	-1.4
IDI	Anoyia	0.77	14	AML	05 00 52.8	0.8
IDI	Anoyia	0.77	14	AML	05 00 52.8	0.8
IACM	Heraklion	0.83	24	P	05 00 40.8	-0.4
IACM	Heraklion	0.83	24	S	05 00 54.1	+0.9
IACM	Heraklion	0.83	24	P	05 00 41.1	-0.1
IACM	Heraklion	0.83	24	S	05 00 53.0	-0.2
KNDR	Palaiochora Ch	1.06	311	Pg	05 00 45.3	+1.0
KNDR	Palaiochora Ch	1.06	311	P	05 00 59.9	+1.2
KNDR	Palaiochora Ch	1.06	311	P	05 00 45.5	+1.3
KNDR	Palaiochora Ch	1.06	311	S	05 01 00.9	+2.1
KNDR	Palaiochora Ch	1.06	311	AML	05 01 09.9	0.9
KNDR	Palaiochora Ch	1.06	311	AML	05 01 10.8	0.8
IMMV	Iera Moni Meta	1.07	329	Pg	05 00 44.2	-0.3
IMMV	Iera Moni Meta	1.07	329	Sg	05 00 58.1	-1.1
IMMV	Iera Moni Meta	1.07	329	P	05 00 44.4	-0.1
IMMV	Iera Moni Meta	1.07	329	S	05 01 01.1	+2.0
IMMV	Iera Moni Meta	1.07	329	P	05 00 45.8	+1.3
IMMV	Iera Moni Meta	1.07	329	S	05 01 00.1	+0.9
IMMV	Iera Moni Meta	1.07	329	AML	05 01 09.9	0.9
IMMV	Iera Moni Meta	1.07	329	AML	05 01 10.9	0.9
CHAN	Chania	1.10	333	P	05 00 45.9	+1.1
CHAN	Chania	1.10	333	S	05 01 00.5	+0.7
CHAN	Chania	1.10	333	AML	05 01 11.7	0.7
CHAN	Chania	1.10	333	AML	05 01 14.2	0.7
RODP	Rodopos	1.26	324	Pn	05 00 47.9	-0.3
RODP	Rodopos	1.26	324	S	05 00 58.0	-0.3
RODP	Rodopos	1.26	324	Pg	05 01 05.8	+2.0
ZKR	Zakros	1.40	65	Pn	05 00 51.6	+0.6
ZKR	Zakros	1.40	65	Sn	05 01 09.8	+0.6
ZKR	Zakros	1.40	65	Pg	05 00 51.7	+0.7
ZKR	Zakros	1.40	65	Sg	05 01 11.9	+2.7
ZKR	Zakros	1.40	65	P	05 00 51.3	+0.3
ZKR	Zakros	1.40	65	S	05 01 09.9	+0.7
ZKR	Zakros	1.40	65	AML	05 01 18.4	0.4
ZKR	Zakros	1.40	65	AML	05 01 20.9	0.4
ANKY	Antikythira Is	1.73	320	P	05 00 55.9	-1.4
ANKY	Antikythira Is	1.73	320	S	05 01 16.4	-0.6
ANKY	Antikythira Is	1.73	320	Pg	05 00 55.7	-1.6
ANKY	Antikythira Is	1.73	320	S	05 01 16.5	-0.6
ANKY	Antikythira Is	1.73	320	AML	05 01 31.9	0.9
ANKY	Antikythira Is	1.73	320	AML	05 01 36.2	0.9
THR6	Thira Island	1.91	18	P	05 00 57.3	-1.2
SN75	Nea Kammeni, S	1.95	18	P	05 00 57.9	-1.3
THR5	Thira Island	1.95	18	P	05 00 58.0	-1.4
THR3	Thira Island	1.96	18	P	05 00 58.0	-1.4
THR3	Thira Island	1.96	18	P	05 00 58.0	-1.4
SAP3	Santorini-Thir	1.97	16	P	05 00 58.5	-1.1
SAP3	Santorini-Thir	1.97	16	P	05 00 58.5	-1.1
THR3	Santorini-Mono	1.98	19	P	05 00 58.3	-1.4
THR3	Santorini-Mono	1.98	19	P	05 00 58.6	-1.1
MHLO	Agia Marina, M	2.15	354	P	05 01 00.1	+0.7
MHLO	Agia Marina, M	2.15	354	P	05 01 00.9	-1.8
KARP	Karpathos	2.28	63	Pn	05 01 04.0	-1.0
KARP	Karpathos	2.28	63	Pb	05 01 03.9	-1.0
KARP	Karpathos	2.28	63	P	05 01 04.6	-0.3
KARP	Karpathos	2.28	63	P	05 01 04.9	0.0
KARP	Karpathos	2.28	63	P	05 01 03.4	+2.2
KARP	Karpathos	2.28	63	P	05 01 03.7	-1.2
MNVA	Monemvasia	2.52	329	P	05 01 06.0	+1.7
VLI	Veliai	2.59	328	P	05 01 06.3	+1.0
VLI	Veliai	2.59	328	S	05 01 06.5	+1.3
VLI	Veliai	2.59	328	S	05 01 37.4	+0.9
VLI	Veliai	2.59	328	AML	05 01 45.4	0.4
VLI	Veliai	2.59	328	AML	05 01 47.2	0.4
APE	Apeiranthos	2.62	15	Pn	05 01 06.2	+0.4
APE	Apeiranthos	2.62	15	P	05 01 06.3	+0.4
APE	Apeiranthos	2.62	15	P	05 01 06.9	+1.1
SLUM	Salum	3.08	171	∩	05 01 14.5	+2.5
SLUM	Salum	3.08	171	S	05 01 14.8	-0.7
KRND	Kranidi	3.09	337	P	05 01 13.7	+1.4
YAZI	Mula-Daişa	3.12	46	Sb	05 01 13.4	+0.8
DAT	Datca	3.23	47	Pn	05 01 07.6	+0.8
DAT	Datca	3.23	47	P	05 01 16.2	+2.0

NATI	Neve Ativ	9.29	95	P	05 02 37.5	+0.1
NATI	Neve Ativ	9.29	95	P	05 02 37.7	-3.7
NATI	Neve Ativ	9.29	95	S	05 04 19.1	-2.5
HCY	Hachaya	9.33	88	eP	05 02 37.8	-0.2
HCY	Hachaya	9.33	88	eP	05 02 37.4	-0.7
GRB	baz=130	9.34	130	P	05 02 39.1	+1.0
YTR	Yatir	9.34	107	P	05 02 38.2	+0.1
YTR	Yatir	9.34	107	S	05 04 20.2	-2.7
YTR	Yatir	9.34	107	P	05 02 34.9	-3.3
HMDT	Nahal Hemdat	9.36	101	P	05 02 38.9	+0.4
HMDT	Nahal Hemdat	9.36	101	P	05 02 34.0	-4.4
HMDT	Nahal Hemdat	9.36	101	S	05 05 20.5	-2.9
QRNJ	Al-Qirein	9.38	101	P	05 02 38.2	-0.4
UJAP	Al Uja	9.41	103	P	05 02 39.4	-4.1
UJAP	Al Uja	9.41	103	S	05 04 21.6	-2.8
SHMJ	Szajim	9.43	98	P	05 02 38.0	+1.3
SJES	Sjenica	9.44	398	ePn	05 02 37.8	-1.7
DSI	Dead Sea	9.47	105	S	05 04 23.0	-3.0
DSI	Dead Sea	9.47	105	P	05 02 36.0	-3.9
BALJ	Balqa	9.51	102	Pn	05 02 41.3	+0.9
BEIL	Beitp	9.51	87	eP	05 02 39.4	-1.0
TRB	Trebinje	9.54	331	ePn	05 02 37.1	-3.6
MDBI	Mazsada	9.55	107	P	05 02 36.5	-4.3
MDBI	Mazsada	9.55	107	S	05 04 23.6	-4.3
MSBI	Mazsada	9.55	107	P	05 02 38.9	-1.1
MSBI	Mazsada	9.55	107	P	05 02 36.2	-4.6
MSBI	Mazsada	9.55	107	P	05 04 27.3	-4.6
KRMI	Paran Flat	9.59	115	S	05 02 37.4	-4.1
KRMI	Paran Flat	9.59	115	S	05 04 26.1	-2.9
BRY	Bratogost	9.62	332	ePn	05 02 41.3	-0.7
BRY	Bratogost	9.62	332	∩/Pn	05 02 40.7	-1.3
DRY	Dray	9.67	107	∩/Sn	05 02 41.8	-1.2
PRNI	Paran	9.68	113	P	05 02 43.2	+0.4
PRNI	Paran	9.68	113	S	05 04 28.6	-2.8
PRNI	Paran	9.68	113	P	05 02 38.7	-4.1
FKH	Fakeh	9.71	88	eP	05 02 43.2	-0.1
ZFRJ	Zifri	9.72	111	S	05 02 44.0	+0.7
ZFRJ	Zifri	9.72	111	S	05 04 29.1	-3.1
ZFRJ	Zifri	9.72	111	P	05 02 39.3	-4.0
UPM	Unac-Piva	9.74	334	ePn	05 02 41.2	-2.5
UPM	Unac-Piva	9.74	334	∩/Pn	05 02 41.3	-2.5
UPM	Unac-Piva	9.74	334	∩/Sn	05 04 21.7	-1.1
HRFI	Mount Harif	9.86	114	P	05 02 41.9	-0.7
HRFI	Mount Harif	9.86	114	S	05 02 41.2	-4.0
HRFI	Mount Harif	9.86	114	S	05 04 31.9	-3.8
HDKI	Dakhla	9.86	154	P	05 02 45.8	+0.5
HDKI	Dakhla	9.86	154	P	05 02 46.1	+0.4
MBRI	Mt Berech	9.89	116	P	05 02 41.5	-4.2
MBRI	Mt Berech	9.89	116	S	05 04 32.7	-3.8
STON	Ston	9.94	329	ePn	05 02 41.1	-5.1
RUDO	Rudo	9.95	337	ePn	05 02 42.6	-3.8
HKAT	Jabal Katrina	9.96	124	P	05 02 46.6	

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like AK10, AK14, AK05, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like DOU, BMRD, OBN, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like FRB, TIXI, BOSA, etc.

MOS 18:05:04:16.5±1.5, 34.47N:24.58E, h18km, mb4.2/7, Error ellipse: s-maj=8.9km s-min=4.9km az=82.9
IDC 18:05:04:16.2±0.8, 34.71N:24.64E, h0km, mb4.2/16, mbmp4.2/21, ML4.1/5, Error ellipse: s-maj=16.4km s-min=13.9km az=145.0

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, and other parameters. Includes stations like TMBK, GVD, IDI, etc.

18d 7h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like P30M Million Dollar, S34M Telegraph Cree, DHY Denali Highway, etc.

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Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, D20K Etnak River, etc.

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Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like HTT Hallett, STKA Stephens Creek, STKA Stephens Creek, etc.

IDD 18 07:27:14.2±0.9, 8°18'S; 116°29'E, h0km, mb4.4/13, mbmp4.4/14, ML3.9/1, MS5.4/2, Error ellipse: s-maj=31.0km s-min=15.8km az=57.0

NEIC 18 07:27:16.3±2.6, 8°27'S; 116°28'E±0.05, h10km±1km, mb4.7/21, Error ellipse: s-maj=11.5km s-min=5.9km az=220.0

DJA 18 07:27:16.2±0.2, 8°S; 4°11'6"E, h10km, M4.8/16, mb4.9/7, mb5.1/3, MLV4.7/16, Mw(MB)4.4/3

ISC 18 07:27:16.5±0.4, 8°26'S; 116°28'E±0.04, h10km, n100, m161/99, mb4.7/25, Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station codes and names like KLINI Mataram, SRBI Singaraja, etc.

BUI 18 07:27:38.3±0.0, 37°62'S; 49°64'E, h5km, mb5.3/6/1, mb5.9/55, Ms5.9/73, Ms7.5/8/70

IPGP 18 07:27:40.0, 37°80'S; 49°77'E, h6km, Mw5.9, Fault plane solution: NP1: 113.00000°, 848.00000°, 1-57.00000°

MOS 18 07:27:40.2±1.0, 37°74'S; 49°82'E, h0km, mb5.8/60, MS5.6/28, Error ellipse: s-maj=11.2km s-min=5.5km az=93.2

NEIC 18 07:27:41.3±2.1, 37°81'S; 07°49'8"E±0.1, h10km±1km, mb5.9/148, Ms 20.5/858, Mw6.0/43, Error ellipse: s-maj=15.1km s-min=11.6km az=265.0

NEIC 18 07:27:41.37, 80'S; 49°65'E, h16km, Moment Tensor Solution. Duration: 499 Moment tensor: Scale 10^18Nm; Mn=1.06; Mo=0.95; M=0.11; Mw=0.48; Ms=0.03; Mr=0.47;

NEIC 18 07:27:41.37, 80'S; 49°77'E, h16km, Moment Tensor Solution. Duration: 499 Moment tensor: Scale 10^18Nm; Mn=0.02±0.1; Mo=0.91±0.1; Mw=0.02±0.1; Ms=0.21±0.1; Mr=0.47±0.1; Best double couple: M=0.92300°/1018 NP1: 268.00000°, 852.00000°;

NEIC 18 07:27:43.3±0.1, 37°67'S; 49°86'E, h12km, Mw5.9/163, Moment Tensor Solution. s138.c265; s163.c590; Duration: 2s2 Moment tensor: Scale 10^18Nm; Mn=0.89±0.01; Mo=0.91±0.1; Mw=0.02±0.1; Ms=0.21±0.1; Mr=0.47±0.1; Best double couple: M=0.92300°/1018 NP1: 268.00000°, 852.00000°;

NEIC 18 07:27:43.3±0.1, 37°67'S; 49°86'E, h12km, Mw5.9/163, Moment Tensor Solution. s138.c265; s163.c590; Duration: 2s2 Moment tensor: Scale 10^18Nm; Mn=0.89±0.01; Mo=0.91±0.1; Mw=0.02±0.1; Ms=0.21±0.1; Mr=0.47±0.1; Best double couple: M=0.92300°/1018 NP1: 268.00000°, 852.00000°;

NEIC 18 07:27:43.3±0.1, 37°67'S; 49°86'E, h12km, Mw5.9/163, Moment Tensor Solution. s138.c265; s163.c590; Duration: 2s2 Moment tensor: Scale 10^18Nm; Mn=0.89±0.01; Mo=0.91±0.1; Mw=0.02±0.1; Ms=0.21±0.1; Mr=0.47±0.1; Best double couple: M=0.92300°/1018 NP1: 268.00000°, 852.00000°;

NEIC 18 07:27:43.3±0.1, 37°67'S; 49°86'E, h12km, Mw5.9/163, Moment Tensor Solution. s138.c265; s163.c590; Duration: 2s2 Moment tensor: Scale 10^18Nm; Mn=0.89±0.01; Mo=0.91±0.1; Mw=0.02±0.1; Ms=0.21±0.1; Mr=0.47±0.1; Best double couple: M=0.92300°/1018 NP1: 268.00000°, 852.00000°;

NEIC 18 07:27:43.3±0.1, 37°67'S; 49°86'E, h12km, Mw5.9/163, Moment Tensor Solution. s138.c265; s163.c590; Duration: 2s2 Moment tensor: Scale 10^18Nm; Mn=0.89±0.01; Mo=0.91±0.1; Mw=0.02±0.1; Ms=0.21±0.1; Mr=0.47±0.1; Best double couple: M=0.92300°/1018 NP1: 268.00000°, 852.00000°;

NEIC 18 07:27:43.3±0.1, 37°67'S; 49°86'E, h12km, Mw5.9/163, Moment Tensor Solution. s138.c265; s163.c590; Duration: 2s2 Moment tensor: Scale 10^18Nm; Mn=0.89±0.01; Mo=0.91±0.1; Mw=0.02±0.1; Ms=0.21±0.1; Mr=0.47±0.1; Best double couple: M=0.92300°/1018 NP1: 268.00000°, 852.00000°;

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NEIC 18 07:27:43.3±0.1, 37°67'S; 49°86'E, h12km, Mw5.9/163, Moment Tensor Solution. s138.c265; s163.c590; Duration: 2s2 Moment tensor: Scale 10^18Nm; Mn=0.89±0.01; Mo=0.91±0.1; Mw=0.02±0.1; Ms=0.21±0.1; Mr=0.47±0.1; Best double couple: M=0.92300°/1018 NP1: 268.00000°, 852.00000°;

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Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like NLAJ Namlea, SIMJ Simigan, CHGR Chuyangaron, etc.

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Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like KIV KIV, KVAR Kislovodsk, TRQA Torquist, etc.

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Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like EIDS Eidsvold, GUYA Guiyang, KAR Karaybulak, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CHKK Chushkaly, CD2 Chugandy, SHLS Shalkode, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RPRD Ribas do Rio P, BURAR Bucovina Array, MORH Mrgy, Hungary, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SRO Srobarova, KOLS Kolonick sedl, AK07 Malin Array Si, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like F64A Sherman, ICQ Pointe Anglais, BILL Bill, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like 255A Hazlehurst, WVVV West Valley, BLA West Valley, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like F14K Arctic Creek, J47A Summer, V48A Smith Brothers, etc.

S44A	Carbondale	147.73 283	IAMS_20	IAMS_20	08 52 55.8
F21K	Alatna River	147.74 17	P	PKPbc	07 47 23.8 -0.8
PVMO	Portageville	147.77 280	IAMS_20	IAMS_20	08 54 44.8
F22K	John River	147.79 16	P	PKPbc	07 47 24.4 -0.4
Q44A	Meyer Farm, Va	147.80 285	IAMS_20	IAMS_20	08 56 27.5
P23M	Pemiscott Bayo	147.82 280	IAMS_20	IAMS_20	08 59 11.1
E36K	Chandalar	147.82 14	P	PKPbc	07 47 24.8 -0.2
K43A	Burlington	147.84 292	IAMS_20	IAMS_20	09 00 53.3
J14K	Nanvarenek Lak	147.85 28	P	PKPbc	07 47 25.2 +0.2
F42A	Maple Grove Fa	147.87 298	IAMS_20	IAMS_20	08 53 15.7
PARMO	Parma	147.87 281	IAMS_20	IAMS_20	08 58 13.6
K13K	Kusilyak Mount	147.88 30	P	PKPbc	07 47 25.4 +0.2
GNAR	Gosnell	147.90 279	IAMS_20	IAMS_20	08 59 15.3
CGM3	Cape Girardeau	147.95 282	PKPpdf	07 47 23.2 +0.1	
D27M	Malcolm River	147.96 7	IAMS_20	IAMS_20	08 59 37.4
D27M	Malcolm River	147.96 7	P	PKPbc	07 47 26.0 +0.8
P08K	Saint George I	147.96 41	P	PKPbc	07 47 25.4 0.0
143A	Socs Landing,	148.00 273	IAMS_20	IAMS_20	08 53 43.9
E24K	Your Creek	148.01 13	PKPpdf	07 47 23.7 +1.4	
E24K	Your Creek	148.01 13	PKPbc	07 47 25.6 +0.1	
M11K	Mekoryuk	148.03 33	IAMS_20	IAMS_20	08 53 15.7
M11K	Mekoryuk	148.03 33	P	PKPbc	07 47 26.0 +0.5
H18K	Honhosa River	148.04 22	PKPpdf	07 47 23.5 +1.1	
H18K	Honhosa River	148.04 22	IAMS_20	IAMS_20	08 56 47.0
H18K	Honhosa River	148.04 22	P	PKPbc	07 47 25.5 0.0
D28M	Stokes Point	148.07 6	P	PKPbc	07 47 26.2 +0.7
I17K	Unalakleet	148.17 25	IAMS_20	IAMS_20	08 57 10.3
I17K	Unalakleet	148.17 25	P	PKIKP	07 47 26.7 -0.8
C36M	Paulatuk	148.20 356	IAMS_20	IAMS_20	08 57 40.1
C36M	Paulatuk	148.20 356	P	PKIKP	07 47 26.7 -0.8
HBAR	Harrisburg	148.29 278	IAMS_20	IAMS_20	08 59 14.6
HDIL	Hoddesdale	148.29 288	IAMS_20	IAMS_20	08 55 26.8
G21K	Allakaket	148.30 17	P	PKPbc	07 47 26.5 +0.3
H19K	Roundabout Mou	148.31 20	IAMS_20	IAMS_20	08 54 23.1
H19K	Roundabout Mou	148.31 20	P	PKIKP	07 47 27.1 -0.7
P43A	Skaggs, Pawnee	148.32 286	IAMS_20	IAMS_20	08 54 38.3
G22K	Bettles	148.42 16	P	PKIKP	07 47 27.3 -0.7
PBMO	Poplar Bluff	148.43 281	IAMS_20	IAMS_20	08 58 37.3
COLD	Coldfoot	148.43 15	P	PKIKP	07 47 27.2 -0.8
COWI	Conover	148.57 299	IAMS_20	IAMS_20	08 55 16.2
J16K	Anvik River	148.59 26	P	PKIKP	07 47 28.3 -0.2
F24K	Squaw Lake	148.62 13	P	PKIKP	07 47 28.1 -0.4
SLM	Saint Louis	148.68 284	IAMS_20	IAMS_20	08 55 36.0
CCAR	Cane Creek	148.69 275	IAMS_20	IAMS_20	09 01 51.2
441A	DeRidder	148.69 268	IAMS_20	IAMS_20	09 03 39.3
E28M	Babbage River	148.71 7	IAMS_20	IAMS_20	09 02 38.4
E28M	Babbage River	148.71 7	P	PKPbc	07 47 27.3 +0.1
L42A	Oliver, Polo	148.75 291	IAMS_20	IAMS_20	08 56 34.6
H20K	Antonenega Mo	148.77 20	P	PKPbc	07 47 28.0 +0.6
GC5A	Galena City Sc	148.77 22	P	PKIKP	07 47 28.4 -0.4
CLES	Cleveland East	148.81 48	IAMS_20	IAMS_20	08 55 22.5
LCAR	Lake Charles	148.82 279	IAMS_20	IAMS_20	08 55 11.6
K15K	Wolf Creek Mou	148.88 28	P	PKIKP	07 47 29.0 -0.1
E27K	Coleen River	148.91 8	IAMS_20	IAMS_20	09 04 39.5
E27K	Coleen River	148.91 8	P	PKPbc	07 47 27.9 +0.2
G23K	Bananza Creek	148.91 15	P	PKPbc	07 47 28.4 +0.6
F25K	Christian River	148.92 11	IAMS_20	IAMS_20	08 56 56.9
F25K	Christian River	148.92 11	P	PKPbc	07 47 28.3 +0.5
MOIG	Morelia	148.93 243	IAMS_20	IAMS_20	08 52 03.2
L14K	Kuka Creek	148.99 30	IAMS_20	IAMS_20	08 54 19.4
L14K	Kuka Creek	148.99 30	P	PKIKP	07 47 28.7 -0.6
T42A	Van Buren	149.00 281	PKPpdf	07 47 24.1 -0.7	
J17K	VABM Dome	149.03 25	PKPpdf	07 47 23.3 -0.7	
J17K	VABM Dome	149.03 25	P	PKPbc	07 47 28.3 +0.2
F26K	Sheenjek River	149.05 10	P	PKPbc	07 47 28.5 +0.4
E29M	Blow River	149.06 5	PKPpdf	07 47 24.5 +0.6	
E29M	Blow River	149.06 5	IAMS_20	IAMS_20	09 02 49.5
E29M	Blow River	149.06 5	P	PKPbc	07 47 27.7 -0.3
H21K	Melozitna Rive	149.17 18	PKPpdf	07 47 25.3 +1.2	
H21K	Melozitna Rive	149.17 18	P	PKIKP	07 47 29.2 -0.4
M13K	Dall Lake	149.23 32	IAMS_20	IAMS_20	08 53 33.8
M13K	Dall Lake	149.23 32	P	PKIKP	07 47 29.3 -0.5
JFWS	Jewell Farm	149.26 292	IAMS_20	IAMS_20	08 57 48.9
L15K	Ungalak Mounta	149.29 29	P	PKIKP	07 47 29.4 -0.5
Z41A	Richland Creek	149.29 273	IAMS_20	IAMS_20	08 54 30.1
H22K	Ishlatitna Cre	149.31 17	P	PKPbc	07 47 29.1 +0.3
G40A	Rib Lake	149.32 297	IAMS_20	IAMS_20	09 00 01.1
CCM	Cathedral Cave	149.35 283	IAMS_20	IAMS_20	08 50 50.5
INK	Inuvik	149.38 2	IAMS_20	IAMS_20	08 58 29.0
INK	Inuvik	149.38 2	P	PKPbc	07 47 28.2 -0.6
NIKH	Nikolski High	149.38 48	P	PKPbc	07 47 28.9 -0.4
UALR	University of	149.40 276	IAMS_20	IAMS_20	08 58 32.9
I20K	Naaghedeneel	149.41 20	IAMS_20	IAMS_20	09 02 32.1
I20K	Naaghedeneel	149.41 20	P	PKPbc	07 47 29.3 +0.3

G24K	Hadweenciv Riv	149.42 13	IAMS_20	IAMS_20	08 55 27.1
G24K	Hadweenciv Riv	149.42 13	P	PKPbc	07 47 29.0 +0.1
N41A	Huron Midland	149.49 288	IAMS_20	IAMS_20	09 03 08.2
WHAR	Woolly Hollow	149.50 277	IAMS_20	IAMS_20	09 00 33.7
FCAR	Ozark Fork Cen	149.53 278	IAMS_20	IAMS_20	08 58 47.5
I40A	Norwalk	149.59 294	IAMS_20	IAMS_20	08 56 59.4
G25K	Bearman Lake	149.60 12	P	PKPbc	07 47 29.7 +0.3
M14K	Bethel	149.62 31	P	PKPbc	07 47 29.6 0.0
F28M	Old Crow	149.64 7	P	PKPbc	07 47 29.2 -0.4
WLAR	White Oak Lake	149.67 274	IAMS_20	IAMS_20	09 01 11.3
J19K	Poorman	149.70 22	IAMS_20	IAMS_20	08 55 11.7
J19K	Poorman	149.70 22	P	PKPbc	07 47 29.5 -0.3
X40A	Basin Creek Fa	149.70 275	IAMS_20	IAMS_20	08 58 44.0
J18K	Innoko River	149.75 23	P	PKPbc	07 47 29.9 0.0
K17K	Iditarod	149.75 25	P	PKPbc	07 47 29.9 0.0
H23K	Yukon River	149.78 16	IAMS_20	IAMS_20	08 55 54.7
H23K	Yukon River	149.78 16	P	PKPbc	07 47 30.2 +0.3
G26K	Porcupine River	149.80 11	P	PKPbc	07 47 29.8 -0.1
L40A	Anamosa	149.91 291	IAMS_20	IAMS_20	09 03 57.2
FYU	Fort Yukon	149.93 12	IAMS_20	IAMS_20	08 57 43.6
MGM0	Mountain Grove	149.95 281	PKPpdf	07 47 25.4 -0.9	
F30M	Barrier River	149.97 4	P	PKPbc	07 47 29.8 -0.5
J20K	Novinta River	149.99 21	IAMS_20	IAMS_20	08 58 33.2
J20K	Novinta River	149.99 21	P	PKPbc	07 47 30.4 0.0
L16K	Owhat River	150.00 28	P	PKPbc	07 47 30.4 -0.1
EYMN	Ely	150.09 302	PKPpdf	07 47 26.1 0.0	
EYMN	Ely	150.09 302	IAMS_20	IAMS_20	08 59 25.1
H25L	Birch Creek	150.10 13	P	PKPbc	07 47 30.3 -0.3
H24K	Noodor Dome	150.11 14	IAMS_20	IAMS_20	08 54 58.3
H24K	Noodor Dome	150.11 14	P	PKPbc	07 47 30.3 -0.4
L17K	Donlin	150.15 26	P	PKPbc	07 47 30.6 -0.2
M15K	Kasigluk River	150.16 30	P	PKPbc	07 47 31.0 +0.1
MLY	Manley	150.18 17	P	PKPbc	07 47 30.1 -0.8
R40A	Maddies Statio	150.18 283	IAMS_20	IAMS_20	08 55 30.7
N14K	Kuskokwak Cree	150.20 32	P	PKPbc	07 47 30.7 -0.3
G27K	Doyon Strip	150.22 9	P	PKPbc	07 47 30.3 -0.7
E38A	The Farm, Brul	150.23 300	IAMS_20	IAMS_20	08 54 51.0
P40A	Paris	150.23 285	IAMS_20	IAMS_20	08 55 54.8
NATX	Nacogdoches	150.24 269	IAMS_20	IAMS_20	09 01 38.3
MIAR	Mount Ida	150.20 275	IAMS_20	IAMS_20	09 01 01.9
I23K	Minto, Yukon-K	150.40 16	IAMS_20	IAMS_20	09 01 03.0
I23K	Minto, Yukon-K	150.40 16	P	PKPbc	07 47 31.0 -0.3
HKT	Hockley	150.46 265	IAMS_20	IAMS_20	09 06 21.3
UNV	Unalaska Valle	150.49 45	P	PKPbc	07 47 30.4 -1.5
G29M	Pine Creek	150.50 6	P	PKPbc	07 47 31.0 -0.6
G30M	tAoh Zraii Nji	150.56 5	IAMS_20	IAMS_20	09 01 41.4
G30M	tAoh Zraii Nji	150.56 5	P	PKPbc	07 47 30.6 -1.2
M16K	Timber Creek	150.63 28	P	PKPbc	07 47 31.5 -0.6
K20K	Telida	150.63 22	IAMS_20	IAMS_20	08 55 51.5
K20K	Telida	150.63 22	P	PKPbc	07 47 32.1 0.0
L18K	Granite Mounta	150.64 25	P	PKPbc	07 47 31.4 -0.6
LVA	Lava Point	150.66 45	IAMS_20	IAMS_20	08 58 35.1
N15K	Kwethluk River	150.71 31	P	PKPbc	07 47 32.0 -0.3
CHUM	Lake Minchumim	150.72 20	P	PKPbc	07 47 31.1 -1.1
G31M	Satah River	150.73 3	IAMS_20	IAMS_20	09 01 24.8
G31M	Satah River	150.73 3	P	PKPbc	07 47 31.1 -1.0
O14K	Igyikaukiv Mt	150.75 33	P	PKPbc	07 47 31.4 -0.9
H27K	Steamboat Moun	150.78 9	P	PKPbc	07 47 31.8 -0.5
POKR	Poker Plat Res	150.83 15	IAMS_20	IAMS_20	08 58 20.5
POKR	Poker Plat Res	150.83 15	P	PKPbc	07 47 31.3 -1.1
PRP	Porcupine Dome	150.84 13	P	PKPbc	07 47 31.9 -0.7
S39A	Bolivar	150.88 281	IAMS_20	IAMS_20	09 03 20.2
BPAW	Bear Paw Mtn.	150.89 19	P	PKPbc	07 47 31.8 -0.8
NEA2	Nenana	150.94 17	P	PKPbc	07 47 32.2 -0.5
M17K	Hollita River	150.94 27	P	PKPbc	07 47 32.3 -0.5
COLA	College	150.96 15	IAMS_20	IAMS_20	09 03 27.8
COLA	College	150.96 15	P	PKPbc	07 47 31.8 -0.9
Z38A	Mt. Pleasant	151.02 272	IAMS_20	IAMS_20	09 00 52.9
N16K	Nishlik Lake	151.05 29	P	PKPbc	07 47 33.0 -0.1
HHAR	Hobbs	151.05 278	IAMS_20	IAMS_20	09 03 21.8
EPYK	Eagle Plains	151.13 5	P	PKPbc	07 47 27.5 +0.2
EPYK	Eagle Plains	151.13 5	P	PKPbc	07 47 31.8 -1.3
H29M	Whitestone	151.15 7	PKPpdf	07 47 27.5 +0.3	
H29M	Whitestone	151.15 7	P	PKPbc	07 47 32.4 -0.7
SPMN	Marine on St.	151.16 297	IAMS_20	IAMS_20	08 53 04.8
CCB	Clear Creek Bu	151.17 16	IAMS_20	IAMS_20	09 03 24.4
Z37A	Washetta, Mont	151.24 269	IAMS_20	IAMS_20	09 03 19.9
ILAR	Gielson Array	151.25 15	PKPbc	PKPbc	07 47 31.9 -1.6
WRH	Wood River Hill	151.26 16	IAMS_20	IAMS_20	09 00 26.8
L19K	Whit Mountain	151.27 24	P	PKPbc	07 47 32.2 -1.3
N38A	Joes South For	151.30 288	IAMS_20	IAMS_20	09 04 52.0
KTH	Kantishna Hill	151.35 19	IAMS_20	IAMS_20	09 00 10.4
L20K	Farewell, AK	151.36 23	P	PKPbc	07 47 32.3 -1.5
I27K	Kandik River	151.37 10	P	PKPbc	07 47 33.0 -0.8

P38A	Dawn	151.38 285	IAMS_20	IAMS_20	09 02 45.2
O15K	Ungalikthuk Ri	151.41 32	P	PKPbc	07 47 33.5 -0.4
I26K	Coal Creek Min	151.43 11	IAMS_20	IAMS_20	09 00 37.3
I26K	Coal Creek Min	151.43 11	P	PKPbc	07 47 32.9 -0.9
M18K	Stony River	151.44 26	P	PKPbc	07 47 33.6 -0.3
PPLA	Keurypyle	151.54 21	P	PKPbc	07 47 33.7 -0.6
735A	Kenedy	151.54 261	IAMS_20	IAMS_20	09 06 16.6
HDA	Harding Lake	151.56 15	IAMS_20	IAMS_20	09 01 50.6
HDA	Harding Lake	151.56 15	P	PKPbc	07 47 33.0 -1.1
N17K	Nushagak Hills	151.61 28	P	PKPbc	07 47 34.3 0.0
J25K	Salcha River,	151.68 14	IAMS_20	IAMS_20	08 58 41.0
J25K	Salcha River,	151.68 14	P	PKPbc	07 47 33.9 -0.6
MCK	McKinley	151.70 17	P	PKPbc	07 47 33.7 -0.8
I28M	Miner Creek	151.73 8	IAMS_20	IAMS_20	09 02 01.1
I28M	Miner Creek	1			

Table of seismic events with columns for station name, time, magnitude, and other parameters. Includes stations like KCSI, SNSI, PSI, RPSI, GSI, GRI, GRTI, IPM, PBSI, PDSI, CMAR, PALK, BBJI, KPJI, NGJI, SHL, HOSB2, HOSB1, HOSB3, LYSN, LYTA, GTA, FITZ, BTO, MKAR, KRSR, SONM, WBO, WRA, WRAB, WB2, WRO, ASAR, AS31, FORT, ZALV, HEH, BVAR, ABKAR, STKA, KMBO, BRTR, CASY, LBTB, BOSA, BOSA, FINES, ARCES, ARCES, HFS, TORD, ESDC, QSPA, NVAR, PLCA, CPUP, LPAZ, LPAZ.

Table of seismic events with columns for station name, time, magnitude, and other parameters. Includes stations like RAR, DZM, ASAR, MJAR, KRSR, NVAR, USRK, TROLL, SNA, SNA, VNA3, VNA2, VNA1, TXAR, PDAR, ILAR, CMAR, KURB, AKASG, BRTR, MMAI, TORD, IDC, JMA, Code, Station Name, Phase ID, Time, Res, JMA, Code, Station Name, Phase ID, Time, Res, BUI, JMA, NIED, NEIC, IDC, TOK, TOK, JYT, JYT, JHU, JAG, JAG, JHU, JSGW, JSMT, JCN, JHYU, JRY, JRY, JYO, JHO, JKT, JKT, JKUC, JOD2, JOD2, JSB, TATJ.

Table of seismic events with columns for station name, time, magnitude, and other parameters. Includes stations like JGK, JYN, JYN, JFNN, JFNN, JHTM, JFFD, JIM2, JUON, JUON, JNT, ONAJ, MJAR, MAJO, MAJO, MAT, MJB9, JFY, JNG, JIZS, JTHY, JFK, JOTO, JOTO, JNIO, JNY, JNN, JIZZ, JNS, JSG, JSG, JJKS, JMM, JMM, JMM, JGF, JGF, JYS, JNU, JNU, JNU, JJA, JJA, JHH, JHH, JHJ, JHJ, JH2, JH2, JTM, JTM, JMN, JMN, JMD, JMD, JEM, JNU, JNU, JNU, JNU, ASAJ, ASAJ, JKA, JJC, JJC, JJC, KRSR, KRSR, KSAR, KSAR, KS19, KS19, USA0B, USA0B, USRK, USRK, MDJ, MDJ, JOW, JOW, BNK, BNK, KLR, KLR, NJ2, NJ2, HNS, HNS, HNS, HNS, TPUB, TPUB, PETK, PETK, HHC, HHC, BTO, BTO, BTO, BTO, BTO, BTO, H1N2, H1N1, H1N1, H1N1, H1N1, H1S1, H1S1, H1S3.

Table with columns for station name, time, magnitude, and other parameters. Includes stations like IDC, MSVF, URZ, RAR.

Table with columns for station name, time, magnitude, and other parameters. Includes stations like JHO, JKT, JKT, JKUC, JOD2, JOD2, JSB, TATJ.

Table with columns for station name, time, magnitude, and other parameters. Includes stations like H1N2, H1N1, H1N1, H1N1, H1S1, H1S1, H1S3.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WAKE ISLAND, PanZhiHua, FAKI Fak Fak, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BTK Beaver Creek, BCAR Beaver Creek A, EGAK Eagle, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like VNA3 Neumayer-Olymp 141.24, VNA1 Neumayer-Stant 141.37, LPAZ La Paz, etc.

18d 9h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like TOOLANGI, POMARIORIO REE, COBR METEOROL, VAHAIHOA, VAHAIHOA, QLP, etc.

2018 SEP

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like VNA3, VNA3, COYCE, COYCE, VNA2, VNA2, NVL, NVL, etc.

1240

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like R17L, OHAK, R11B, R18K, X16A, BMN, BMN, Q17K, CN2, CN2, LCMT, O14K, KDAK, KDAK, KDAK, U15A, CCUT, CCUT, P16K, KNB, KNB, KNB, KNB, Q18K, N14K, P17K, O16K, KLR, KLR, Q20K, Q19K, Q19K, M13K, I07A, I07A, P18K, P18K, N15K, N15K, O17K, MTPU, M14K, O18K, O18K, M15K, N16K, P19K, N17K, L14K, LYN, LYN, HOM, TXAR, TXAR, M16K, G08A, G08A, N18K, BRSE, K13K, L15K, HAWA, N19K, MFID, ALPN, M17K, L16K, L16K, BMO, BMO, BMO, TMUT, TMUT, BBB, M18K, K15K, SPUT, SPUT, ANMO, ANMO, ANMO, ANMO, ANMO, L17K, HVU.

M22K	Willow	93.68	28	P	Iamb	P	09 38 45.2	-0.1
M22K	comp=Z,28nm,0.9s						09 38 46.4	
RC01	Rabbit Creek A	93.77	29	P	Iamb	P	09 38 45.1	-0.6
RC01	comp=Z,12nm,1.0s						09 38 46.5	
LPSR	Galich'ya Gora	93.94	322	eP	pmax	P	09 38 45.7	-1.0
LPSR	comp=Z,10.0nm,1.0s							
PMR	Palmer	94.13	29	P	Iamb	P	09 38 47.0	-0.3
PMR	comp=Z,14nm,1.3s						09 38 56.4	
PMR	Palmer	94.13	29	P	pmax	P	09 38 47.0	-0.3
PMR	comp=Z,14nm,1.3s							
BELA	Belgrano 2	94.13	184	P	Iamb	P	09 38 48.0	+0.8
BELA	comp=Z,14nm,1.5s						09 38 57.8	
PWL	Port Wells	94.41	29	Iamb	Iamb	P	09 38 50.5	
G23K	Bananza Creek	94.46	23	Iamb	Iamb	P	09 38 50.9	
RND	Reindeer	94.50	27	Iamb	Iamb	P	09 38 49.5	
RND	comp=Z,13nm,1.1s							
RND	Reindeer	94.50	27	P	P	P	09 38 48.8	-0.3
RND	comp=Z,13nm,1.1s							
RND	Reindeer	94.50	27	P	pmax	P	09 38 48.8	-0.3
RND	comp=Z,13nm,1.1s							
I23K	Minto, Yukon-K	94.51	25	P	P	P	09 38 49.5	+0.4
H23K	Yukon River	94.53	24	P	Iamb	P	09 38 49.3	+0.1
H23K	comp=Z,9.9nm,1.1s						09 38 50.9	
SCM	Sheep Creek Mo	95.01	28	Iamb	Iamb	P	09 38 53.5	
SCM	comp=Z,14nm,1.0s							
SCM	Sheep Creek Mo	95.01	28	Iamb	Iamb	P	09 38 53.5	
SCM	comp=Z,14nm,1.0s							
CCB	Clear Creek Bu	95.11	26	P	Iamb	Iamb	09 38 50.8	-1.0
CCB	comp=Z,14nm,1.2s						09 38 52.0	
DHY	Denali Highway	95.12	27	P	Iamb	P	09 38 51.3	-0.8
DHY	comp=Z,11nm,1.3s						09 38 53.4	
H24K	Noodor Dome	95.21	24	P	Iamb	P	09 38 52.4	0.0
H24K	comp=Z,13nm,1.1s						09 38 54.1	
F24K	Squaw Lake	95.29	23	Iamb	Iamb	P	09 38 55.3	
F24K	comp=Z,13nm,1.1s							
HDA	Harding Lake	95.45	26	Iamb	Iamb	P	09 41 44.4	
G24K	Hadwenzic Riv	95.47	24	P	P	P	09 38 53.6	+0.1
ILAR	Eielson Array	95.51	25	P	P	P	09 38 52.2	-0.8
ILAR	comp=Z,2.3nm,1.0s,baz=262,slow=4.1,SNR=6.4						09 38 52.4	-1.3
KLU	Klutina	95.64	29	P	Iamb	Iamb	09 38 53.9	-0.5
KLU	comp=Z,5.1nm,1.0s						09 38 55.9	
CSS	Mathias	96.22	304	P	P	P	09 38 57.2	-0.4
N25K	Chitina, Valde	96.28	29	Iamb	Iamb	P	09 38 59.1	
BR131	Keskin Array S	96.35	309f	eP	P	P	09 38 58.1	-1.2
BR131	comp=Z,1.5nm,1.0s,baz=121,slow=8.8,SNR=5.0						09 38 57.2	-1.0
GLB	Gilghina Butte	96.65	29	Iamb	Iamb	P	09 39 01.1	
GLB	comp=Z,13nm,1.3s							
BMAR	Burnt Mountain	96.65	23	P	P	P	09 39 00.0	+1.1
J26L	Joseph Creek	96.92	26	Iamb	Iamb	P	09 39 01.4	
J26L	comp=Z,6.5nm,1.1s							
I28M	Miner Creek	98.48	25	P	Pdf	P	09 39 06.3	-0.9
AK09	Malin Array Si	99.87	320	P	Pdf	P	09 39 12.8	-0.6
AKASG	Malin Array Be	99.87	320	P	Pdf	P	09 39 12.3	-1.2
AKASG	comp=Z,0.2nm,0.3s,baz=77,slow=4.7,SNR=9.0							
AKKB	Malin Array Si	99.87	320f	eP	Pdf	P	09 39 13.4	-0.2
AKKB	comp=Z,0.2nm,0.3s							
AK01	Malin Array Si	99.87	320	PKP	PKIKP	P	09 43 51.1	+9.3
KIEV	Kiev	99.88	320	PKP	PKIKP	P	09 43 51.0	+9.2
AK02	Malin Array Si	99.88	320	P	Pdf	P	09 39 13.0	-0.6
AK18	Malin Array Si	99.97	320	P	Pdf	P	09 39 13.3	-0.7
TORD	Torodi Ar. Bea	124.80	281	PKP	PKPpdf	P	09 44 29.8	0.0
TORD	comp=Z,1.7nm,1.0s,baz=88,slow=1.8,SNR=5.6						09 44 29.6	-0.3
TEIG	Tepech	144.63	65	PKP	PKPbc	P	09 45 05.6	+0.2
MT03	Montecristo	144.82	76	PKP	PKPbc	P	09 45 06.0	-0.3
CPUP	Villa Florida	146.31	175	PKP	PKPbc	P	09 45 10.8	+0.4
CPUP	comp=Z,3.6nm,1.0s,baz=217,slow=5.2,SNR=3.7							
BOAB	BOABO BROADBANK	152.23	177	PKP	PKPbc	P	09 45 17.9	-0.7
AQDB	Aquidauana	152.23	177	PKP	PKPbc	P	09 45 18.7	-0.2
AQDB	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							
AQDB	La Paz	152.70	150	PKP	PKPbc	P	09 45 25.8	+0.2
AQDB	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							
LPZAZ	La Paz	152.70	150	PKP	PKPbc	P	09 45 34.1	+0.3
LPZAZ	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							
LPZAZ	La Paz	152.70	150	PKP	PKPbc	P	09 45 17.7	-2.8
LPZAZ	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							
LPZAZ	La Paz	152.70	150	PKP	PKPbc	P	09 45 26.7	+0.1
LPZAZ	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							
LPZAZ	La Paz	152.70	150	PKP	PKPbc	P	09 45 35.9	+0.1
LPZAZ	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							
LPZAZ	La Paz	152.70	150	PKP	PKPbc	P	09 45 26.9	-0.6
LPZAZ	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							
BBSR	BB Station	153.33	20	PKP	PKPpdf	P	09 45 17.0	-3.2
BBSR	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							
BBSR	BB Station	153.33	20	PKP	PKPpdf	P	09 45 27.0	0.0
BBSR	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							
OTAV	Otavalo	154.78	105	PKP	PKPpdf	P	09 45 22.0	-1.4
OTAV	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							
OTAV	Otavalo	154.78	105	PKP	PKPpdf	P	09 45 43.4	+3.3
OTAV	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							
OTAV	Otavalo	154.78	105	PKP	PKPpdf	P	09 45 22.0	-1.4
OTAV	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							
MTDJ	Mount Denham	154.87	62	PKP	PKPpdf	P	09 45 44.4	+2.5
MTDJ	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							
MTDJ	Mount Denham	154.87	62	PKP	PKPpdf	P	09 45 44.6	-2.1
MTDJ	comp=Z,0.4nm,0.3s,baz=180,slow=4.0,SNR=3.7							

IDC 18 09:29:25.1±2.8,53.60N:86.91E,h0km,mbtmp2.7/2, ML2.4/2,Error ellipse: s-maj=26.7km s-min=15.5km az=70.0,Southeastern Siberia

Code	Station Name	A° AZ°	Phase ID	ISC	Time	Res
H46RU	ZALESOVO INFRA	1.29 287	Op	ISC	09 37 40.0	
ZALV	Zalesovo Beam	1.29 287	Pg	Pg	09 29 47.8	-2.1
ZALV	comp=Z,0.9nm,0.3s,baz=108,slow=16,SNR=1.2					
KURBB	Kurchatov Arra	5.96 243	Pn	Pn	09 30 55.9	+1.4
KURBB	comp=Z,1.7nm,0.3s,baz=108,slow=28,SNR=8.4					
MKAR	Makanchi Array	7.43 205	Pn	Pn	09 31 16.1	+1.4
MKAR	comp=Z,0.2nm,0.3s,baz=22,slow=12,SNR=5.0					

BEO 18 09:32:35.3±3.0,45.72N:27.32E,h43km,9km,ML3.0/5
MCSM 18 09:32:37.1±0.2,46°N:32°27'E,h64km,ML3.5/5
BUC 18 09:32:37.6±0.2,45°81'N:27°03'E,h64km,1km,ml3.6/48,
Error ellipse: s-maj=1.5km s-min=1.1km az=28.0
SIGU 18 09:32:37.4,45°83'N:26°97'E,h64km,mb3.3
SOF 18 09:32:39.7,45°65'N:02°27'16E:0.02,h70km,5km,
MD3.2/3

CFUSG 18 09:32:40.4,45°40'N:27°33'E,h33km,mb3.3/4,Romania
Magtype MSH 3.3 from 4 stations
ISC 18 09:32:37.4±1.1,45.81N:02°27'06E:0.02,h65km,4km,
n98,±0.94/158,52C-40D,Romania

Code	Station Name	A° AZ°	Phase ID	ISC	Time	Res
ODBI	Odobesti	0.05 185	Op	ISC	09 32 47.7	+0.7
ODBI	comp=Z,0.5nm,0.3s					
ODBI	Odobesti	0.05 185	P	P	09 32 55.0	+1.1
ODBI	comp=Z,0.5nm,0.3s					
ODBI	Odobesti	0.05 185	P	P	09 32 46.3	-0.7
ODBI	comp=Z,0.5nm,0.3s					
PANC	Panciu	0.09 44	Op	ISC	09 32 47.3	+0.2
PANC	comp=Z,0.5nm,0.3s					
PANC	Panciu	0.09 44	P	P	09 32 54.1	0.0
PANC	comp=Z,0.5nm,0.3s					
COSR	Cosmesti PH	0.18 76	Op	ISC	09 32 47.5	+0.1
COSR	comp=Z,0.5nm,0.3s					
SPBR	Spulber	0.23 254	Op	ISC	09 32 54.9	+0.3
SPBR	comp=Z,0.5nm,0.3s					
SPBR	Vrincioaia	0.23 283	Op	ISC	09 32 47.6	-0.2
SPBR	comp=Z,0.5nm,0.3s					
VRI	Vrincioaia	0.23 283	P	P	09 32 54.4	-0.9
VRI	comp=Z,0.5nm,0.3s					
VRI	Vrincioaia	0.24 283	P	P	09 32 47.0	-0.8
VRI	comp=Z,0.5nm,0.3s					
VRI	Vrincioaia	0.24 283	P	P	09 32 54.8	-0.8
VRI	comp=Z,0.5nm,0.3s					
PLORS	Plostina Array	0.28 277	P	P	09 32 47.0	-0.8
PLORS	comp=Z,0.5nm,0.3s					
PLORS	Plostina Array	0.28 277	P	P	09 32 48.1	0.0
PLORS	comp=Z,0.5nm,0.3s					
PLORS	Plostina Array	0.29 278	P	P	09 32 55.6	-0.3
PLORS	comp=Z,0.5nm,0.3s					
PLORS	Plostina Array	0.29 278	P	P	09 32 47.3	-0.8
PLORS	comp=Z,0.5nm,0.3s					

Code	Station Name	A° AZ°	Phase ID	ISC	Time	Res
PLOR3	GHRH	0.35 44	Op	ISC	09 32 55.1	-0.8
PLOR3	comp=Z,0.5nm,0.3s					
PLOR3	GHRH	0.35 44	P	P	09 32 48.5	0.0
PLOR3	comp=Z,0.5nm,0.3s					
PLOR3	GHRH	0.35 44	P	P	09 32 57.6	+1.1
PLOR3	comp=Z,0.5nm,0.3s					
PLOR3	BISRR Bisoca	0.36 223	Op	ISC	09 32 49.2	+0.5
PLOR3	comp=Z,0.5nm,0.3s					
PLOR						

18d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OUF, Rovaniemi, Syolatti, Pyha, etc.

NEIC 18 10:04:13.2±1.0, 18°21'N, 0°07'145.9'E±0.2, h99km, 8km, mb4.4/101, Error ellipse: s-maj=22.1km s-min=10.2km az=91.0

IDC 18 10:04:14.1±2.6, 18°29'N, 145°71'E, h119km, 26km, mb3.7/15, mbtmp4.1/16, MS2.3/1, Error ellipse: s-maj=23.7km s-min=13.9km az=102.0

ISC 18 10:04:12.7±0.5, 18°27'N, 0°06:145.8E±0.1, h100km, n131, c078/126, mb4.4/64, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO, WAKE ISLAND, etc.

2018 SEP

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like C16K, M31M, G30M, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like I30M, N31M, G30M, etc.

DJA 18 10:24:37.4±0.4, 12°54'N, 117°E±1.0, h10km, M4.2/6, mb4.3/4, MLV4.1/6, South of Sumbawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WBSI, KLNI, JAGI, etc.

IDC 18 10:29:42.9±5.7, 10°37'N, 84°54'W, h0km, mb3.6/3, mbtmp2.6/3, Error ellipse: s-maj=11.67km s-min=5.77km az=172.0

UCR 18 10:30:03.4±0.8, 10°89'N, 85°18'W, h149km, 5km, MW3.7, CATA3 18 10:30:05.7±0.5, 10°82'N, 85°20'W, h129km, 6km, ML3.6

ISC 18 10:30:04.1±1.0, 10°87'N, 0°05:85.14W±0.06, h149km, 6km, n71, c072/85, mb3.2/3, 19C-2D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CUI, WORI, TENO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, h, m, s, Res, ISC. Includes stations like ACON Acoyapa, TCS1 Tacaras, NADN Granada, etc.

ADC 18 10:35:17.20,0.7,26.74N;129.91E, h0km, mb4.0/15, mbmp4.0/18, ML3.6/3, MS3.3/3, Error ellipse: s-maj=31.2km s-min=14.7km az=77.0

NIED 18 10:35:19.8,26.73N;129.75E, h48km, MW4.3, Moment Tensor Solution... s3 Moment tensor: Scale 10^15Nm

ISC 18 10:35:19.0,3.1,26.75N;0.0,3,129.74E;0.0,3, h10km,19km, n93, r124/110, mb4.5/32, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, h, m, s, Res, ISC. Includes stations like JYRO Yoronijima, JOKE Okinoerabujima, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, h, m, s, Res, ISC. Includes stations like USRK Ussuriysk Arr, GUMG Guam, KLR Kul'dur, etc.

J20K Nowinta River 60.23 29 P P 10 45 28.3 +1.3

ILAR Elieson Array 63.34 28 P P 10 45 46.9 -1.0

KBZ Khabarovsk 69.87 310 P P 10 46 31.3 +1.3

NOA NORPAR Array B 79.44 334 P P 10 47 24.6 -0.7

ISC 18 10:57:47.0,5.3,37.84S;0.0,6,49.85E, h0km, mb4.4/18, mbmp4.3/19, ML4.1/1, MS4.0/31, Error ellipse: s-maj=17.9km s-min=15.2km az=64.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, h, m, s, Res, ISC. Includes stations like VOI Vohitsoka, VOI Vohitsoka, VOT Vohitsoka, etc.

MAW Mawson 30.66 170 P P 10 04 07.8 +0.8

MAW Mawson 30.66 170 P P 10 04 07.8 +0.8

MAW Mawson 30.66 170 P P 10 04 07.8 +0.8

MAW Mawson 30.66 170 P P 10 04 07.8 +0.8

MAW Mawson 30.66 170 P P 10 04 07.8 +0.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, h, m, s, Res, ISC. Includes stations like FOMA Nahampoona Res, etc.

18d 10h

Table with columns for station name, coordinates, elevation, and status. Includes stations like MMRI Maumere, KAPI Kappang, ASAR Alice Springs, etc.

2018 SEP

Table with columns for station name, coordinates, elevation, and status. Includes stations like PPT2 Papeete2, Y46A North Mountain, LRAL Lakeview Retre, etc.

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Table with columns for station name, coordinates, elevation, and status. Includes stations like G24K Hadweenciv Riv, M14K Bethel, G25K Bearman Lake, etc.

1251 **2018 SEP** **18d 11h**

G16K	Koyuk River	79.33	16	P	P	12 09 57.8	+0.6
M19K	Big River Lodg	79.36	21	P	P	12 09 58.6	+1.2
BRSE	Gradle Lake S	79.37	24	P	P	12 09 58.5	+0.9
L19K	White Mountain	79.38	21	Iamb	Iamb	12 10 10.2	
L19K	White Mountain	79.38	21	IAMS_20	IAMS_20	12 10 43.2	
L19K	White Mountain	79.38	21	P	P	12 09 57.8	+0.2
BLSF	Bilasapur	79.45	294	eP	P	12 09 58.1	-0.8
VJD	Vijaywada	79.60	286	eP	P	12 09 59.1	+0.1
J18K	Innoko River	79.62	19	P	P	12 09 59.1	+0.3
H17K	Granite Mounta	79.68	17	Iamb	Iamb	12 10 12.7	
H17K	Granite Mounta	79.68	17	P	P	12 09 59.8	+0.6
N20K	Mount Spurr	79.70	22	P	P	12 09 59.9	-0.6
SPCR	Spurr Chakacha	79.70	22	P	P	12 09 59.1	-0.3
M20K	Styx River	79.80	22	P	P	12 10 00.4	+0.5
CAPN	Captain Cook N	79.84	23	IAMS_20	IAMS_20	12 10 43.4	
CAPN	Captain Cook N	79.84	23	P	P	12 10 01.4	+1.4
G17K	Kiwalik Mounta	79.89	17	P	P	12 10 01.0	+0.7
L20K	Farwell, AK	79.92	21	P	P	12 10 01.0	+0.5
SEW	Seward	80.11	24	P	P	12 10 01.5	0.0
O22K	Cooper Landing	80.22	24	IAMS_20	IAMS_20	12 14 54.6	
O22K	Cooper Landing	80.22	24	P	P	12 10 02.2	+0.1
H18K	Honhosha River	80.29	17	P	P	12 10 02.7	+0.2
J19K	Poorman	80.34	19	P	P	12 10 03.0	+0.2
J19K	Poorman	80.34	19	P	P	12 10 03.1	+0.4
SUA	Susitna On	80.42	23	P	P	12 10 02.8	-0.6
F17K	Baldwin Pennin	80.42	16	P	P	12 10 03.6	+0.5
FIS	Fire Island	80.43	23	IAMS_20	IAMS_20	12 14 48.2	
K20K	Telida	80.43	20	P	P	12 10 03.6	+0.3
K20K	Telida	80.43	20	P	P	12 10 03.5	+0.2
SKT	Skwentna	80.45	22	IAMS_20	IAMS_20	12 12 45.5	
SKT	Skwentna	80.45	22	P	P	12 10 02.0	-1.4
GCSA	Galena City Sc	80.46	18	P	P	12 10 03.5	+0.2
ALBI	Allahabad	80.49	297	iP	Iamb	12 10 03.5	-0.9
ALBI	Allahabad	80.49	297	iP	Iamb	12 10 06.1	
RC01	Rabbit Creek A	80.58	23	IAMS_20	IAMS_20	12 14 40.1	
RC01	Rabbit Creek A	80.58	23	P	P	12 10 03.7	-0.4
G18K	Tagagawik	80.74	17	IAMS_20	IAMS_20	12 10 04.8	
G18K	Tagagawik	80.74	17	P	P	12 10 04.8	-0.1
E17K	Hotham Inlet	80.75	15	P	P	12 10 05.6	+0.7
PPLA	Purkeypile	80.78	21	P	P	12 10 05.0	-0.4
C16K	Lisburne Hills	80.83	13	Iamb	Iamb	12 10 29.3	
C16K	Lisburne Hills	80.83	13	P	P	12 10 05.7	+0.4
M22K	Willow	80.84	23	Iamb	Iamb	12 10 23.4	
M22K	Willow	80.84	23	IAMS_20	IAMS_20	12 45 16.8	
M22K	Willow	80.84	23	P	P	12 10 04.9	-0.5
P23K	Montague Islan	80.89	25	P	P	12 10 05.8	+0.1
D17K	Noatak River	80.91	14	P	P	12 10 05.8	+0.2
J20K	Nowinta River	80.94	19	P	P	12 10 06.7	+0.7
F18K	Selawik	80.97	16	P	P	12 10 06.6	+0.6
PWL	Port Wells	81.00	24	Iamb	Iamb	12 10 18.4	
PWL	Port Wells	81.00	24	IAMS_20	IAMS_20	12 40 57.1	
PWL	Port Wells	81.00	24	P	P	12 10 06.5	+0.1
Q23K	Middleton Isla	81.01	26	IAMS_20	IAMS_20	12 42 29.6	
Q23K	Middleton Isla	81.01	26	P	P	12 10 05.9	-0.5
PMR	Palmer	81.12	23	P	P	12 10 06.4	-0.5
PMR	Palmer	81.12	23	IAMS_20	IAMS_20	12 41 47.2	
PMR	Palmer	81.12	23	P	P	12 10 06.2	-0.7
PMR	Palmer	81.12	23	P	P	12 10 06.5	-0.4
PMR	Palmer	81.12	23	P	P	12 10 06.4	-0.5
H19K	Roundabout Mou	81.13	18	Iamb	Iamb	12 10 19.3	
H19K	Roundabout Mou	81.13	18	P	P	12 10 07.3	+0.5
CUT	Chuilina	81.18	22	P	P	12 10 06.6	-0.6
RDOG	Red Dog Mine	81.23	14	Iamb	Iamb	12 10 21.6	
RDOG	Red Dog Mine	81.23	14	P	P	12 10 08.1	+0.7
I20K	Naaghedeneel	81.25	19	Iamb	Iamb	12 10 21.3	
I20K	Naaghedeneel	81.25	19	IAMS_20	IAMS_20	12 45 44.6	
I20K	Naaghedeneel	81.25	19	P	P	12 10 08.4	+0.9
WMQ	Urumqi	81.25	317	eP	P	12 10 09.3	+1.1
WMQ	Urumqi	81.25	317	pP	pP	12 10 15.4	+0.4
WMQ	Urumqi	81.25	317	S	S	12 20 18.4	+0.8
WMQ	Urumqi	81.25	317	SS	SS	12 25 36.8	+3.2
WMQ	Urumqi	81.25	317	pmax	pmax		
WMQ	Urumqi	81.25	317	pmax	pmax		
WMQ	Urumqi	81.25	317	LR	LR		
WMQ	Urumqi	81.25	317	LR	LR		
KNK	Knik Glacier	81.27	23	Iamb	Iamb	12 10 26.1	
KNK	Knik Glacier	81.27	23	IAMS_20	IAMS_20	12 42 01.4	
KNK	Knik Glacier	81.27	23	P	P	12 10 08.3	+0.5
GHO	Glory Hole Cre	81.30	23	Iamb	Iamb	12 10 23.5	
GHO	Glory Hole Cre	81.30	23	IAMS_20	IAMS_20	12 42 14.1	
E18K	Tukpahleark C	81.33	15	P	P	12 10 08.3	+0.4
CHUM	Lake Minchumin	81.37	20	P	P	12 10 08.4	+0.2
G19K	Purcell Mounta	81.37	17	P	P	12 10 08.0	-0.2
G19K	Purcell Mounta	81.37	17	Iamb	Iamb	12 10 20.7	
G19K	Purcell Mounta	81.37	17	IAMS_20	IAMS_20	12 44 57.8	
G19K	Purcell Mounta	81.37	17	P	P	12 10 08.8	+0.5
KOD	Kodalikana	81.45	282	eP	P	12 10 10.5	+0.4
HIN	Hinchinbrook I	81.48	25	Iamb	Iamb	12 10 21.1	

C17K	DeLong Mountai	81.49	14	P	P	12 10 09.1	+0.3
GLI	Glacier Island	81.51	24	Iamb	Iamb	12 10 21.0	
GLI	Glacier Island	81.51	24	IAMS_20	IAMS_20	12 42 04.6	
GLI	Glacier Island	81.51	24	P	P	12 10 09.1	+0.1
SML	Sawmill	81.55	23	IAMS_20	IAMS_20	12 41 50.7	
SML	Sawmill	81.55	23	P	P	12 10 09.5	+0.2
H20K	Anoteneega Mo	81.59	18	P	P	12 10 09.8	+0.4
KTH	Kantishna Hill	81.64	21	P	P	12 10 08.8	-1.0
KTH	Kantishna Hill	81.64	21	Iamb	Iamb	12 10 26.6	
TRD	Trivandrum	81.65	280	eP	P	12 10 11.0	+0.2
F19K	Shalerucik Mo	81.66	16	P	P	12 10 09.3	-0.4
F19K	Shalerucik Mo	81.66	16	P	P	12 10 09.5	-0.2
FID	Port Fidalgo	81.69	24	Iamb	Iamb	12 10 22.0	
FID	Port Fidalgo	81.69	24	IAMS_20	IAMS_20	12 46 41.7	
QSPA	South Pole Qui	81.69	180	P	P	12 10 10.4	+0.3
QSPA	South Pole Qui	81.69	180	IAMS_20	IAMS_20	12 44 02.7	
QSPA	South Pole Qui	81.69	180	P	P	12 10 10.2	0.0
QSPA	South Pole Qui	81.69	180	S	S	12 20 19.9	-1.5
QSPA	South Pole Qui	81.69	180	LR	LR	12 43 56.1	
QSPA	South Pole Qui	81.69	180	iP	P	12 10 10.4	+0.3
HYB	Hyderabad	81.74	289	eP	P	12 10 10.7	-0.5
HYB	Hyderabad	81.74	289	iVMB_BB		12 10 17.2	
M23K	Glacier View	81.78	23	P	P	12 10 10.6	+0.1
EYAK	Cordova Ski Ar	81.88	25	P	P	12 10 11.5	+0.5
EYAK	Cordova Ski Ar	81.88	25	P	P	12 10 11.5	+0.5
TIXI	Tiksi	81.95	351	P	P	12 10 09.9	-1.2
TIXI	Tiksi	81.95	351	Iamb	Iamb	12 10 23.2	
TIXI	Tiksi	81.95	351	IAMS_20	IAMS_20	12 41 59.8	
TIXI	Tiksi	81.95	351	LR	LR	12 44 39.6	
TIXI	Tiksi	81.95	351	eP	P	12 10 10.4	-0.7
TIXI	Tiksi	81.95	351	pmax	pmax		
TIXI	Tiksi	81.95	351	iP	P	12 10 10.8	-0.3
SCM	Sheep Creek Mo	81.96	23	P	P	12 10 11.9	+0.4
SCM	Sheep Creek Mo	81.96	23	P	P	12 10 11.7	+0.2
SCM	Sheep Creek Mo	81.96	23	P	P	12 10 11.9	+0.4
SCM	Sheep Creek Mo	81.96	23	pmax	pmax		
BPAW	Bear Paw Mtn.	81.96	20	P	P	12 10 10.5	-0.9
BPAW	Bear Paw Mtn.	81.96	20	P	P	12 10 10.2	-1.2
NGP	Nagpur	82.03	293	iP	P	12 10 11.8	-0.9
WAT1	Susitna Watana	82.07	22	P	P	12 10 11.4	-0.6
C18K	Utukok River	82.09	14	P	P	12 10 12.1	+0.1
C18K	Utukok River	82.09	14	P	P	12 10 12.8	+0.7
KAIM	Kayak Island	82.11	26	P	P	12 10 11.9	-0.3
KAIM	Kayak Island	82.11	26	Iamb	Iamb	12 10 31.8	
KAIM	Kayak Island	82.11	26	IAMS_20	IAMS_20	12 46 24.4	
KAIM	Kayak Island	82.11	26	P	P	12 10 12.5	+0.3
WAT6	Susitna Watana	82.23	23	P	P	12 10 12.9	-0.1
RAGM	Ragged Mountai	82.24	25	Iamb	Iamb	12 10 26.3	
RAGM	Ragged Mountai	82.24	25	IAMS_20	IAMS_20	12 47 11.9	
E19K	Redstone River	82.25	16	IAMS_20	IAMS_20	12 43 45.2	
E19K	Redstone River	82.25	16	P	P	12 10 13.7	+0.9
IMAR	Indian Mountai	82.26	18	P	P	12 10 12.6	-0.3
RND	Rondelet River	82.30	22	IAMS_20	IAMS_20	12 44 24.3	
KLU	Klutina	82.32	24	IAMS_20	IAMS_20	12 43 32.1	
KLU	Klutina	82.32	24	P	P	12 10 13.8	+0.3
H21K	Melozitna Riv	82.35	19	Iamb	Iamb	12 10 26.8	
H21K	Melozitna Riv	82.35	19	IAMS_20	IAMS_20	12 41 52.6	
H21K	Melozitna Riv	82.35	19	P	P	12 10 13.4	+0.1
F20K	Avaraat Lake	82.39	17	P	P	12 10 14.1	+0.6
SUCK	Suckling Hills	82.46	26	IAMS_20	IAMS_20	12 46 49.6	
MCK	McKinley	82.46	21	P	P	12 10 13.2	-0.8
B18K	Kolikol River	82.49	14	P	P	12 10 14.6	+0.6
B18K	Kolikol River	82.49	14	P	P	12 10 13.5	-0.8
M24K	Tolsona, Glenn	82.56	23	P	P	12 10 15.1	+0.5

18d 11h

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like O28M Mount Upton, M27K Edge Creek, SCRK Sand Creek, etc.

2018 SEP

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like KAD Karad, KKR BESE, M29M Somme, etc.

1252

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like E27K Coleen River, P33M Teslin, P33M Teslin, etc.

1253

Table with columns: Station, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Alma-Ata, Neilton Lookou, Chushkaly, etc.

2018 SEP

Table with columns: Station, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Almayashu, Elnisor Mount, Liberty, etc.

18d 11h

Table with columns: Station, Name, Frequency, Class, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Karatay Array, Karatay Array, Pahroc Range, etc.

18d 11h

Table with columns: ID, Name, Value, Unit, Date, Time, Location, and various performance metrics. Includes entries like X18A Snowflake, IMW Indian Meadow, REDW Red Top Meadow, etc.

2018 SEP

Table with columns: ID, Name, Value, Unit, Date, Time, Location, and various performance metrics. Includes entries like G009 Cerro Castillo, KVXT Kingsville, 735A Kenedy, etc.

1254

Table with columns: ID, Name, Value, Unit, Date, Time, Location, and various performance metrics. Includes entries like SUMG Summit, Z47A Carrollton, SOC Sochi, etc.

Table with multiple columns: Station Name, Frequency, Power, and various status indicators. Includes stations like HAZ Te Kaha, RAUKUMARA Rang, PUAHUKITTI, etc.

Table with columns: Station, Location, Frequency, Power, Class, and other technical details. Includes stations like TATO Taipei, SKR Severo-Kuril's, UNV Unalaska Valle, etc.

Table with columns: Station, Location, Frequency, Power, Class, and other technical details. Includes stations like DSP Deep Springs, HUMO Hull Mountain, O15K Ungalikthiuk R, etc.

Table with columns: Station, Location, Frequency, Power, Class, and other technical details. Includes stations like O20K Slope Mountain, UBPT Khong Chiam, UBPT Khong Chiam, etc.

H25L	Birch Creek	89.92	13	P	P	12 50 38.1	+0.7	ULN	Ulaanbaatar	95.30	319	P	P	12 51 02.9	+0.2	comp=Z,42nm,0.7s	VRH	Novokhopovorsk	136.35	324	ePKIKP	PKPdf	12 56 56.6	-0.1
COLD	Coldfoot	89.95	11	P	P	12 50 38.6	+1.0	ULN	Ulaanbaatar	95.30	319	P	P	12 51 02.1	-0.6	comp=Z,32nm,0.6s	VRH	Obninsk	136.72	331	iPKIKP	PKPdf	12 56 57.1	-0.1
G24K	Hadwenzic Riv	89.97	12	P	P	12 50 38.4	+0.4	SUNM	Songino Array	95.69	319	P	P	12 51 04.8	+0.4	comp=Z,9.3nm,1.0s,baz=130,slow=2.3,SNR=1.7	OBN	Obninsk	136.72	331	iPKIKP	PKPdf	12 56 57.1	-0.1
D19K	Kuna River	89.98	7	P	P	12 50 38.5	+0.8	SUNM	Songino Array	95.69	319	P	P	13 07 52.4	-1.1	comp=Z,0.8nm,0.6s,baz=256,slow=4.3,SNR=4.1	OBN	Obninsk	136.72	331	iPKIKP	PKPdf	12 56 57.1	-0.1
CM31	Chiang Mai Arr	89.98	290	P	P	12 50 40.7	+1.8	GTA	Gaotai	96.88	309	P	P	12 51 10.4	+0.3	comp=Z,9.0nm,1.5s	OBN	Obninsk	136.72	331	iPKIKP	PKPdf	12 56 57.1	-0.1
CMAR	Chiang Mai Arr	89.98	290	P	P	12 50 40.4	+1.5	GTA	Gaotai	96.88	309	P	P	12 51 10.4	+0.3	comp=Z,9.0nm,1.5s	OBN	Obninsk	136.72	331	iPKIKP	PKPdf	12 56 57.1	-0.1
CMAR	Chiang Mai Arr	89.98	290	P	P	12 50 40.6	+1.7	GTA	Gaotai	96.88	309	P	P	12 51 10.4	+0.3	comp=Z,9.0nm,1.5s	OBN	Obninsk	136.72	331	iPKIKP	PKPdf	12 56 57.1	-0.1
CMAR	Chiang Mai Arr	89.98	290	P	P	12 50 40.6	+1.7	GTA	Gaotai	96.88	309	P	P	12 51 10.4	+0.3	comp=Z,9.0nm,1.5s	OBN	Obninsk	136.72	331	iPKIKP	PKPdf	12 56 57.1	-0.1
E20K	Nigu River	90.00	8	P	P	12 50 38.5	+0.6	TIXI	Tiksi	98.75	345	eP	Pdf	12 51 16.7	-0.7	comp=Z,11nm,1.3s	LPSR	Galich ya Gora	137.09	327	ePKIKP	PKPdf	12 56 57.0	-1.0
CHTO	Chiang Mai	90.11	290	P	P	12 50 40.6	+1.1	WMQ	Urumqi	106.84	311	Pdf	Pdf	12 51 55.3	+1.1	comp=Z,2.0nm,0.6s	LPSR	Galich ya Gora	137.09	327	ePKIKP	PKPdf	12 56 57.0	-1.0
CHTO	Chiang Mai	90.11	290	P	P	12 50 40.6	+1.1	ZSN	Zaisan	109.48	314	ePKIKP	Pdf	12 56 07.7	-1.1	comp=Z,2.0nm,0.6s	LPSR	Galich ya Gora	137.09	327	ePKIKP	PKPdf	12 56 57.0	-1.0
CHTO	Chiang Mai	90.11	290	P	P	12 50 40.6	+1.1	ZSN	Zaisan	109.48	314	ePKIKP	Pdf	12 56 07.7	-1.1	comp=Z,2.0nm,0.6s	LPSR	Galich ya Gora	137.09	327	ePKIKP	PKPdf	12 56 57.0	-1.0
MAYO	Mayo, Yukon	90.12	18	P	P	12 50 40.0	+1.5	ZALV	Zalesovo Beam	110.43	321	PKIKP	PKIKP	12 56 05.8	-1.4	comp=Z,2.0nm,0.6s,baz=162,slow=1.3,SNR=2.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
MAYO	Mayo, Yukon	90.12	18	P	P	12 50 39.6	+1.2	MK31	Makanchi Array	111.12	313	iPKIKP	PKIKP	12 56 07.8	-1.0	comp=Z,2.0nm,0.6s,baz=162,slow=1.3,SNR=2.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
J29N	Klondike Camp	90.16	16	P	P	12 50 40.1	+1.4	MKAR	Makanchi Array	111.12	313	iPKIKP	PKIKP	12 56 07.7	-1.1	comp=Z,2.0nm,0.6s,baz=162,slow=1.3,SNR=2.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
J29N	Klondike Camp	90.16	16	P	P	12 50 40.1	+1.4	MKAR	Makanchi Array	111.12	313	iPKIKP	PKIKP	12 56 07.7	-1.1	comp=Z,2.0nm,0.6s,baz=162,slow=1.3,SNR=2.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
BTO	Baotou	90.20	314	eP	P	12 50 40.9	+1.4	MKAR	Makanchi Array	111.12	313	iPKIKP	PKIKP	12 56 07.7	-1.1	comp=Z,2.0nm,0.6s,baz=162,slow=1.3,SNR=2.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
BTO	Baotou	90.20	314	eP	P	12 50 40.9	+1.4	MKAR	Makanchi Array	111.12	313	iPKIKP	PKIKP	12 56 07.7	-1.1	comp=Z,2.0nm,0.6s,baz=162,slow=1.3,SNR=2.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
BTO	Baotou	90.20	314	eP	P	12 50 40.9	+1.4	MKAR	Makanchi Array	111.12	313	iPKIKP	PKIKP	12 56 07.7	-1.1	comp=Z,2.0nm,0.6s,baz=162,slow=1.3,SNR=2.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
TOAD	Toad River Com	90.25	25	P	P	12 50 40.4	+1.2	SHLS	Shalkoe	112.63	309	ePKIKP	PKIKP	12 56 10.0	-1.9	comp=Z,1.5nm,0.8s,baz=269,slow=4.0,SNR=8.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
I27K	Kandik River	90.27	14	P	P	12 50 40.0	+0.9	SHLS	Shalkoe	112.63	309	ePKIKP	PKIKP	12 56 10.0	-1.9	comp=Z,1.5nm,0.8s,baz=269,slow=4.0,SNR=8.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
G25K	Bearman Lake	90.30	12	P	P	12 50 39.5	+0.3	SHLS	Shalkoe	112.63	309	ePKIKP	PKIKP	12 56 10.0	-1.9	comp=Z,1.5nm,0.8s,baz=269,slow=4.0,SNR=8.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
LIRD	Liard River Hi	90.30	24	P	P	12 50 40.5	+1.1	SHLS	Shalkoe	112.63	309	ePKIKP	PKIKP	12 56 10.0	-1.9	comp=Z,1.5nm,0.8s,baz=269,slow=4.0,SNR=8.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
D20K	Etlivuk River	90.37	8	P	P	12 50 40.1	+0.5	SHLS	Shalkoe	112.63	309	ePKIKP	PKIKP	12 56 10.0	-1.9	comp=Z,1.5nm,0.8s,baz=269,slow=4.0,SNR=8.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
C19K	Lookout Ridge	90.40	7	P	P	12 50 40.6	+0.9	SHLS	Shalkoe	112.63	309	ePKIKP	PKIKP	12 56 10.0	-1.9	comp=Z,1.5nm,0.8s,baz=269,slow=4.0,SNR=8.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
C19K	Lookout Ridge	90.40	7	P	P	12 50 40.6	+0.9	SHLS	Shalkoe	112.63	309	ePKIKP	PKIKP	12 56 10.0	-1.9	comp=Z,1.5nm,0.8s,baz=269,slow=4.0,SNR=8.4	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
B18K	Kokolik River	90.43	6	P	P	12 50 40.4	+0.7	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
E21K	Kilik River	90.47	9	P	P	12 50 40.5	+0.4	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
E22K	Anaktuvuk Pass	90.51	10	P	P	12 50 40.6	+0.4	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
E22K	Anaktuvuk Pass	90.51	10	P	P	12 50 40.6	+0.4	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
I28M	Miner Creek	90.54	15	P	P	12 50 40.9	+0.4	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
PZH	PanZhiHua	90.59	298	P	P	12 50 42.9	+1.2	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
PZH	PanZhiHua	90.59	298	P	P	12 50 42.9	+1.2	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
N23A	Red Feather La	90.61	46	P	P	12 50 42.2	+0.6	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
F24K	Squaw Lake	90.62	11	P	P	12 50 41.2	+0.5	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
CD2	Chengdu	90.68	303	P	P	12 50 43.3	+1.4	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
CD2	Chengdu	90.68	303	P	P	12 50 43.3	+1.4	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
J30M	Hart River	90.76	17	P	P	12 50 42.2	+0.6	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
E23K	Chandalar	90.80	10	P	P	12 50 42.3	+0.7	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
H27K	Steamboat Moun	90.81	14	P	P	12 50 42.2	+0.5	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
G26K	Porcupine River	90.92	13	P	P	12 50 42.7	+0.7	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
TG2N	Hyland Airport	90.97	22	P	P	12 50 43.2	+0.8	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
E24K	Yur Creek	91.01	11	P	P	12 50 43.1	+0.6	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
C21K	Knifeflade Rid	91.03	8	P	P	12 50 43.3	+0.6	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202	ePKPdf	PKPdf	12 57 00.4	+0.1
D22K	Aiyikay River	91.06	9	P	P	12 50 43.4	+0.6	SEM	Semipalatinsk	112.86	317	iPKIKP	PKIKP	12 56 11.3	-0.9	comp=Z,2.0nm,0.6s,baz=154,slow=2.8,SNR=7.8	TSMU	Tsumeb	137.59	202				

18d 12h

Table with columns for station name, coordinates, and various parameters. Includes stations like NIE Niedzica, HARR Harsova, etc.

2018 SEP

Table with columns for station name, coordinates, and various parameters. Includes stations like BZS Buzias, BZS Buzias, PVL Pavlikeni, etc.

1260

Table with columns for station name, coordinates, and various parameters. Includes stations like ESDC Sonseca Array, ESDC Sonseca Array, etc.

BUI 18 12:40:58.0±0.0, 69.60N:144.90W, h10km, mb4.6/20, mB5.6/3, Ms5.1/5, Mt5.4/9.5
IDC 18 12:41:00.4±0.0, 69.62N:144.99W, h0km, mb4.4/29, mbtmp4.4/32, ML4.6/3, MS4.6/23, Error ellipse: s-min=12.2km s-max=9.6km az=52.0
GCMT 18 12:41:03.0±0.3, 69.63N:144.94W, h0.05, h13km, 2km, MW5.1/83, Moment Tensor Solution. s14,c15; s83,c118; Duration: 0 Moment tensor: Scale 10¹⁹Nm; Mr=0.47±.21; Mw=2.8±.18; M₀=3.3±.18; M₀±2.7±.69; Mw±2.2±.14; Mw±2.4±.73; Best double couple: Mo5.08800±0.10¹⁹ Nf1±.20±0.00000; s83.00000; 1-40.00000; Nf2±.6±0.30100000; s51.00000; 1-171.00000; Principal axes: T 4.7370, Plg21.0000; Azm260.0000; N 0.7110, Plg50.0000; Azm18.0000; P -5.4400, Plg32.0000; Azm156.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 18 12:40:59.8±0.3, 69.59N:144.24W, h0.03, h10km, n500, s1980/454, mb4.6/51, MS4.6/25, 5C-1D, Northern

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h	s
C27K	Jago River	0.23	55	Op	Pg	12 41 01.5	-3.0
C27K	Jago River	0.23	55	P	Pg	12 41 01.8	-2.7
C26K	Camden Bay	0.48	331		Pg	12 41 06.9	-2.3
C26K	Camden Bay	0.48	331	Sg	Pg	12 41 12.2	-2.9
C26K	Camden Bay	0.48	331	P	Pg	12 41 06.9	-2.3
D25K	Kavik River	0.78	258	Pg	Pg	12 41 10.9	-3.9
D25K	Kavik River	0.78	258	P	Pg	12 41 10.7	-4.0
D27M	Malcolm River	1.19	101	Pn	Pb	12 41 18.4	-4.0
D27M	Malcolm River	1.19	101	P	Pb	12 41 18.4	-4.0
C24K	Franklin Bluff	1.58	280		Pn	12 41 25.3	-2.5
C24K	Franklin Bluff	1.58	280	IAML		12 41 27.2	
C24K	Franklin Bluff	1.58	280	P	Pn	12 41 48.2	
C24K	Franklin Bluff	1.58	280	P	Pn	12 41 25.9	-1.9
E27K	Coleen River	1.63	143	Pn	Pn	12 41 26.9	-1.6
E27K	Coleen River	1.63	143	P	Pn	12 41 26.7	-1.9
D24K	Happy Valley	1.66	260		Pn	12 41 26.9	-2.1
D24K	Happy Valley	1.66	260	IAML		12 41 51.5	
D24K	Happy Valley	1.66	260	P	Pn	12 41 52.3	
D24K	Happy Valley	1.66	260	P	Pn	12 41 27.6	-1.4
F26K	Sheenjek River	1.81	179	Pn	Pn	12 41 30.5	-0.6
F26K	Sheenjek River	1.81	179	P	Pn	12 41 30.6	-0.4
E28M	Babbage River	1.91	116	Pn	Pn	12 41 31.5	-1.0
E28M	Babbage River	1.91	116	P	Pn	12 41 31.9	-0.6
D28M	Stokes Point	1.95	92		Pn	12 41 31.9	-1.0
D28M	Stokes Point	1.95	92	IAML		12 42 16.6	
D28M	Stokes Point	1.95	92	P	Pn	12 41 32.4	-0.5
F25K	Christian River	1.98	196		Pb	12 42 34.1	-1.8
F25K	Christian River	1.98	196	IAML		12 42 08.5	
F25K	Christian River	1.98	196	P	Pb	12 42 09.5	
F25K	Christian River	1.98	196	P	Pb	12 41 34.2	-1.8
BMAR	Burnt Mountain	2.08	184		Pn	12 41 35.0	+0.2
TOLK	Toolik Lake Re	2.10	248		IAML	12 41 34.2	-0.8
TOLK	Toolik Lake Re	2.10	248	IAML		12 42 05.3	
TOLK	Toolik Lake Re	2.10	248	P	Pn	12 41 34.2	-0.8
E24K	Your Creek	2.10	229		Pn	12 41 35.6	+0.6
E24K	Your Creek	2.10	229	IAML		12 42 07.6	
E24K	Your Creek	2.10	229	P	Pn	12 42 12.6	
E24K	Your Creek	2.10	229	P	Pn	12 41 35.9	+0.8
C23K	Itkillik River	2.25	282	Pn	Pn	12 41 35.0	-2.0
C23K	Itkillik River	2.25	282	IAML		12 42 08.8	
C23K	Itkillik River	2.25	282	P	Pn	12 42 13.3	
C23K	Itkillik River	2.25	282	P	Pn	12 41 35.0	-2.0
D23K	Nanushuk River	2.36	260		Pn	12 41 37.4	-1.1
D23K	Nanushuk River	2.36	260	IAML		12 42 17.4	
D23K	Nanushuk River	2.36	260	P	Pn	12 42 35.1	
D23K	Nanushuk River	2.36	260	Pn	Pn	12 41 37.5	-1.0
F24K	Squaw Lake	2.40	216		Pn	12 41 39.2	+0.1
F24K	Squaw Lake	2.40	216	IAML		12 42 16.2	
F24K	Squaw Lake	2.40	216	P	Pn	12 42 21.1	
F24K	Squaw Lake	2.40	216	Pn	Pn	12 41 38.8	-0.3
E23K	Chandalar	2.43	236	Pn	Pn	12 41 39.6	0.0
E23K	Chandalar	2.43	236	IAML		12 42 17.1	
E23K	Chandalar	2.43	236	P	Pn	12 42 22.8	
E23K	Chandalar	2.43	236	P	Pn	12 41 39.7	0.0
F28M	Old Crow	2.48	138	Pn	Pn	12 41 39.5	-0.7
F28M	Old Crow	2.48	138	P	Pn	12 41 39.2	-1.1
E29M	Blow River	2.55	113	Pn	Pn	12 41 40.7	-0.4
E29M	Blow River	2.55	113	P	Pn	12 41 40.3	-0.8
G26K	Porcupine Rive	2.56	176	P	Pn	12 41 40.7	-0.6
G26K	Porcupine Rive	2.56	176	P	Pn	12 41 40.8	-0.6
G25K	Bearman Lake	2.83	195	P	Pn	12 41 45.4	+0.4
G25K	Bearman Lake	2.83	195	P	Pn	12 41 45.5	+0.4
G27K	Doyon Strip	2.87	159	Pn	Pn	12 41 45.2	-0.3
G27K	Doyon Strip	2.87	159	P	Pn	12 41 44.7	-0.8
FYU	Fort Yukon	2.97	188	Pn	Pn	12 41 46.8	0.0
G24K	Hadweenic Riv	3.06	205	Pn	Pn	12 41 48.2	+0.1
G24K	Hadweenic Riv	3.06	205	P	Pn	12 41 48.3	+0.1
E22K	Anaktuvuk Pass	3.07	247		IAML	12 41 47.3	-1.1
E22K	Anaktuvuk Pass	3.07	247	IAML		12 42 42.6	
E22K	Anaktuvuk Pass	3.07	247	P	Pn	12 42 50.4	
E22K	Anaktuvuk Pass	3.07	247	P	Pn	12 41 47.4	-1.0
D22K	Ayikyak River	3.08	262	Pn	Pn	12 41 46.8	-1.7
D22K	Ayikyak River	3.08	262	P	Pn	12 41 46.7	-1.7
COLD	Coldfoot	3.17	227		Pn	12 41 50.0	+0.3
COLD	Coldfoot	3.17	227	P	Pn	12 41 50.0	+0.3
B22K	Teshkepuk Lake	3.28	289		Pn	12 41 49.3	-1.8
B22K	Teshkepuk Lake	3.28	289	IAML		12 42 47.4	
B22K	Teshkepuk Lake	3.28	289	P	Pn	12 41 49.4	-1.8
H25L	Birch Creek	3.30	191	P	Pn	12 41 51.3	-0.2
H25L	Birch Creek	3.30	191	P	Pn	12 41 51.8	+0.3
H27K	Steamboat Moun	3.44	161	P	Pn	12 41 52.6	-0.8
G29M	Pine Creek	3.48	135	Pn	Pn	12 41 53.6	-0.3
G29M	Pine Creek	3.48	135	IAML		12 43 12.4	
G29M	Pine Creek	3.48	135	P	Pn	12 41 53.3	-0.7
G23K	Bananza Creek	3.54	220	Pn	Pn	12 41 54.3	-0.5
G23K	Bananza Creek	3.54	220	IAML		12 42 56.9	

G23K	Bananza Creek	3.54	220	P	Pn	12 41 54.3	-0.5
F22K	John River	3.54	239	P	Pn	12 41 54.3	-0.5
F30M	Barrier River	3.64	117	P	Pn	12 41 54.9	-1.2
F30M	Barrier River	3.64	117	P	Pn	12 41 54.8	-1.2
B21K	Ikpikpuk River	3.64	277	Pn	Pn	12 41 54.3	-1.8
B21K	Ikpikpuk River	3.64	277	IAML		12 42 58.9	
B21K	Ikpikpuk River	3.64	277	P	Pn	12 43 08.7	
B21K	Ikpikpuk River	3.64	277	P	Pn	12 41 54.6	-1.5
E21K	Killik River	3.67	258		IAML	12 41 54.1	-2.4
E21K	Killik River	3.67	258	IAML		12 43 04.3	
E21K	Killik River	3.67	258	P	Pn	12 43 09.5	
E21K	Killik River	3.67	258	P	Pn	12 41 54.5	-2.0
G22K	Bettles	3.75	230	P	Pn	12 41 56.4	-1.2
C21K	Knifblade Riv	3.75	270	P	Pn	12 41 56.3	-1.4
G30M	taoh Zrai Nji	3.91	126	Pn	Pn	12 41 59.6	-0.3
G30M	taoh Zrai Nji	3.91	126	P	Pn	12 41 58.3	-1.6
H24K	Noodor Dome	3.93	202		IAML	12 42 00.1	0.0
H24K	Noodor Dome	3.93	202	IAML		12 43 11.1	
H24K	Noodor Dome	3.93	202	P	Pn	12 43 11.7	
A22K	Sinclair Lake	3.94	298	P	Pn	12 41 58.2	-2.0
H29M	Whitestone	3.97	143		IAML	12 42 00.4	-0.2
H29M	Whitestone	3.97	143	IAML		12 43 21.7	
H29M	Whitestone	3.97	143	P	Pn	12 42 00.1	-0.6
PRP	Porcupine Dome	4.03	188	Pn	Pn	12 42 01.8	+0.2
PRP	Porcupine Dome	4.03	188	IAML		12 43 21.9	
PRP	Porcupine Dome	4.03	188	P	Pn	12 42 01.3	-0.3
I27K	Kandik River	4.04	164	P	Pn	12 42 01.6	0.0
INK	Inuvik	4.05	102	Pn	Pn	12 42 00.5	-1.4
INK	Inuvik	4.05	102	Pn	Pn	12 42 00.4	-1.4
INK	Inuvik	4.05	102	Sb	Sb	12 42 54.6	-5.5
INK	Inuvik	4.05	102	P	Pn	12 42 00.4	-1.4
F21K	Alatina River	4.11	241	Pn	Pn	12 42 01.8	-0.8
F21K	Alatina River	4.11	241	IAML		12 43 12.9	
F21K	Alatina River	4.11	241	P	Pn	12 43 15.6	
F21K	Alatina River	4.11	241	P	Pn	12 42 02.1	-0.6
H23K	Yukon River	4.21	211	P	Pn	12 42 03.8	-0.1
H23K	Yukon River	4.21	211	P	Pn	12 42 03.8	-0.1
EPYK	Eagle Plains	4.23	134		IAML	12 42 03.5	-0.8
EPYK	Eagle Plains	4.23	134	IAML		12 43 25.4	
EPYK	Eagle Plains	4.23	134	IAML		12 43 26.8	
EPYK	Eagle Plains	4.23	134	P	Pn	12 42 03.6	-0.7
I26K	Coal Creek Min	4.23	174		IAML	12 42 04.1	-0.2
I26K	Coal Creek Min	4.23	174	IAML		12 43 26.5	
I26K	Coal Creek Min	4.23	174	P	Pn	12 42 04.0	-0.2
I28M	Miner Creek	4.39	156	Pn	Pn	12 42 06.8	+0.2
I28M	Miner Creek	4.39	156	P	Pn	12 42 06.4	-0.1
E20K	Nigu River	4.50	260	P	Pn	12 42 05.8	-2.1
D20K	Etluvik River	4.50	266	P	Pn	12 42 06.0	-2.0
B20K	Meade River	4.52	283	P	Pn	12 42 06.5	-1.7
B20K	Meade River	4.52	283	P	Pn	12 42 07.0	-1.1
G31M	Satah River	4.52	120		IAML	12 42 07.8	-0.4
G31M	Satah River	4.52	120	IAML		12 43 43.5	
G31M	Satah River	4.52	120	P	Pn	12 42 07.7	-0.5
H22K	Ishlaltina Cre	4.53	220	P	Pn	12 42 07.1	-1.2

18d 12h

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like M24K Tolsona, Glenn, CUT Chulitna, M30M Minto, etc.

2018 SEP

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like TGNT Hyland Airport, HOM Homer, WRGL W. Yukon, etc.

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Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like SHEM Shemaya Is, TIXI Yakutsk, ULM Lac du Bonnet, etc.

Table with columns: Station Name, Time, Res, Pn, S, B, IAML, I. Lists stations like Patillas Dam, San Juan, InterUniversit, etc.

TRN 18 16:18:36.7, 15:44N, 61:13W, h10km, MD3.8, 2D, Near East of Dominica, Leeward Islands

Table with columns: Code, Station Name, Time, Res, Pn, S, B, IAML, I. Lists stations like Barre de l'ile, Savane Anatole, etc.

JMA 18 16:21:16.7, 0.1, 31.9N, 0.1, 130.8E, 0.1, h1km, 1km, MV1.3/32, EBINO REGION S KYUSHU, Kyushu

Table with columns: Code, Station Name, Time, Res, Pn, S, B, IAML, I. Lists stations like Takazaki, Okuchi, Suzuyama, etc.

BUI 18 16:21:45.4, 0.0, 38.42N, 141.79E, h58km, mb4.7774, mB5.1/52, Ms4.5/86, Ms7.4/3/84
MOS 18 16:21:46.7, 1.0, 38.49N, 141.63E, h54km, mb5.1/42, Ms4.5/9, Error ellipse: s-maj=6.1km s-min=4.1km

Mn=5.51; Mw=0.66; Mw-4.85; Mw-1.17; Mw-1.43; Mw-1.92;
Fault plane solution: Ms=8.5000x10^16 NP1.0z=22.32000°,
56.21000°, 195.61000°. NP2.0z=192.30000°, 83.420000°,
181.69000°. Principal axes: T 5.9824, P1g78.0000°,
Azmi312.0000°, N -0.2624, P1g5.0000°, Azmi199.0000°; P
-5.7200, P1g11.0000°, Azmi108.0000°
NEIC 18 16:21:48.9, 38.48N, 141.56E, h60km
NEIC 18 16:21:49.1, 1.4, 38.46N, 0.06, 141.56E, 0.09, h57km, 5km,
mb5.0/152, Mw5.5/30, Error ellipse: s-maj=12.2km
s-min=4.8km az=127.0
IDC 18 16:21:49.5, 1.4, 38.45N, 141.56E, h63km, 12km, mb4.1/37,
mb4.4/44, Mw5.1/72, Error ellipse: s-maj=11.4km
s-min=8.1km az=106.0
NIED 18 16:21:49.0, 38.47N, 141.60E, h57km, MW5.1, Moment
Tensor Solution. s3 Moment tensor: Scale 10^16Nm;
Mn:3.59; Mw:-0.41; Mw-3.18; Mw-1.76; Mw-1.20; Mw:4.01;
Fault plane solution: Ms=6.7000x10^16 NP1.0z=23.0000°,
87.00000°, 192.00000°. NP2.0z=198.0000°, 82.00000°,
185.00000°
JMA 18 16:21:49.0, 0.1, 38.5N, 0.3, 141.6E, 0.5, h57km, MD5.0/39,
MW5.1/39, KINKAZAN REGION
JMA Feil Ji Ji at KINKAZAN REGION
GCMT 18 16:21:51.1, 0.1, 38.56N, 0.01, 141.68E, 0.01, h57km,
Mn:3.59; Mw:-0.41; Mw-3.18; Mw-1.76; Mw-1.20; Mw:4.01;
s134, c244. Duration: 1.01 Moment tensor: Scale 10^16
Nm; Mn:6.07; 13; Mw:-0.57; 10; Mw-5.1; 10;
Mw:1.96; 08; Mw:-1.34; 08; Mw:3.95; 09; Best double
couple: M7.41100x10^16 NP1.0z=21.00000°, 66.300000°,
196.00000°. NP2.0z=188.00000°, 82.700000°, 178.00000°.
Principal axes: T 7.5660, P1g71.0000°, Azmi305.0000°; N
-0.3170, P1g5.0000°, Azmi198.0000°; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
ISC 18 16:21:48.1, 0.3, 38.47N, 141.66E, 0.03, h56km, 2km,
H56.0z=19.5, 198.531, mb4.9/191, MS4.3/100,
43C-39D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Time, Res, Pn, S, B, IAML, I. Lists stations like Ishinomaki, Ouri, Kesenuumotoy, etc.

Table with columns: Station Name, Time, Res, Pn, S, B, IAML, I. Lists stations like Sado, Shiura, JAHD, Aono, etc.

Table with columns for station name, coordinates, elevation, and various signal quality metrics (e.g., SNR, SN, S, P, Pn, Pmax, MLR, MFR, Smax).

Table with columns for station name, coordinates, elevation, and various signal quality metrics (e.g., SNR, SN, S, P, Pn, Pmax, MLR, MFR, Smax).

Table with columns for station name, coordinates, elevation, and various signal quality metrics (e.g., SNR, SN, S, P, Pn, Pmax, MLR, MFR, Smax).

18d 16h

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

2018 SEP

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

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EPYK, I30M, KKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include MACC Garzon, JAMC Jamundi, MALC Bahía Malaga, APAC Apartado, etc.

JMA 18 16:53:27.9±0.0, 34.9N±0.1, 135.6E±0.1, h13km, MV0.7/30, KYOTO OSAKA BORDER REG, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include JHE Heguri, JHE Wachi, JKS Kasai, etc.

BJI 18 16:54:23.3±0.0, 35.59N±142.15E, h5km, mb4.4/34, mB4.7/13, Ms4.0/12, Ms7.3/7.14

NEIC 18 16:54:28.7±1.1, 35.73N±105.141.9E±0.1, h8km±5km, mb4.7/30, Error ellipse: s-maj=12.5km s-min=7.9km az=96.0

NIED 18 16:54:29.4, 35.80N±141.87E, h28km, MW4.2, Moment Tensor Solution, s=1.67, Moment tensor: Scale 10^15Nm; M=0.07; Msh=1.74; Msh=1.67; Msh=0.17; Msh=1.5; Msh=0.86; Fault plane solution: Ms2.46000x10^15 NP1: 0.335, 0.0000, 0.679, 0.0000, 1.164, 0.0000. NP2: 0.68, 0.0000, 0.674, 0.0000, 0.11, 0.0000.

JMA 18 16:54:29.4±0.4, 35.8N±1.0, 142.1E±, h28km±4km, MD4.5/39, MW4.2/39, FAR E OFF IBARAKI PREF

JMA Feit II J1 at FAR E OFF IBARAKI PREF, IDC 18 16:54:33.6±2.4, 35.68N±141.67E, h2km±21km, mb3.8/16, mbtmp3.0/22, ML3.2/4, MS3.4/17, Error ellipse: s-maj=19.4km s-min=9.7km az=76.0

ISC 18 16:54:30.2±0.5, 35.75N±104.141.84E±0.05, h2km±1n37, ±1508/112, mb4.5/36, MS3.7/13, 2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include JIHU Itakohorinouch, JIHU Itakohorinouch, JSMT Sammumatsuo, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include JHYU Hitachinakayam, BSO1 Boso, JHO Hitachi, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include JYJ Yasato, BSO3 Boso, JKUC kamogawauchuir, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include JAG Ashikaga, JOTO OTAMA OYAMA, JIM2 Oshima, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include JMM Marumori, JMM Marumori, JMD Odawara, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include JKT Katashina, JFY Yanaizu, JRY Ryogami, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include MJAR Matsushiro, MAJO Matsushiro, MAJO Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include MDJ Mudanjiang, MDJ Mudanjiang, KJW Kurami, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include GUMO Guam, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include H1N1 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include H1S3 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include H1S2 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include ZAAO Zalesovo Array, ZAAO Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include MK31 Makanchi Arr, MK31 Makanchi Arr, MKAR Makanchi Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include MAKZ Makanchi, MAKZ Makanchi, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include KURB Kurchatov Arr, MTN Mantion Dam, MTN Mantion Dam, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include SIMJ comp=Z,5.3nm,0.9s, ABKAR Abkular array, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include KIRV Kirov, FORT Forrest, MORW Morawa, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include KBZ Khabaz, NWAO Narrogin (SRO), NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include NB2 NORSAR Subarra, NOA NORSAR Array B, AKASO Sonseca Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include PDAR Pinedale Array, BRTR Keskin Array B, MLR Muntele Ross, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include SCHO Schefferville, ESDC Sonseca Array, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include GSPA South Pole Bay, H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include LPAZ La Paz, JAG Ashikaga, JAG Ashikaga, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include JKT Katashina, JRY Ryogami san, MJAR Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include MAT Matsushiro, JYN Shimob, JYJ Yasato, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include JOTO OTAMA OYAMA, JHO Hitachio jima, JHU Hachio jima, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include WRA Waramungarra Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include IDC 18 17:01:25.1±2.5, 36.51N±139.10E, h132km, 11km, mb2.7/2, mbtmp3.3/3, Error ellipse: s-maj=64.5km s-min=16.2km az=65.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include JMA 18 17:01:26.5±0.2, 36.4N±0.7, 139.2E±0.8, h126km±1km, MV2.4/31, SE GUNNMA PREF, ISC 18 17:01:26.2±1.2, 36.41N±0.06, 139.05E±0.08, h128km±8km, n11, ±988/19, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include H10N2 ASCENSION HYDR3.08 132, H10N3 ASCENSION HYDR3.08 132, H10N1 ASCENSION HYDR3.08 132, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include ANMO Albuquerque, NOA NORSAR Array B, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include YKA Yellowknife Arr, NFW Newport, PFO Pinyon Flats O, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include AKASO Malin Array Bea, NVAR Mina Array Bea, YBH Yreka Blue Hor, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include BRTR Keskin Array B, BBB Bella Bella, MMAL Mount Meron Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include MBAR Mbarara, KDAK Kodiak Island, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include RSNC 18 17:23:6.0±7.1, 13.2°N±2.7°W, az=102.3km, mb15.1, ML3.2, Mw(mb)4.4, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include AUA1 Aruba, AUA1 Aruba, URIC Uribia, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Rows include SDV Santo Domingo

18d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Santa Marta, OCana, SJCC, Pamplona, Presa de Saban, Chingaza, GUYC.

KRSC 18 17:40:04.9, 1.1, 58.89N, 158.41E, h9km, 7km, ML4.3
NEERS 18 17:40:21.0, 59.36N, 157.99E, h24km
ISC 18 17:40:05.5, 0.9, 58.90N, 158.48E, 0.03, h10km, n12, az=65.22, Kamchatka Peninsula

Main table for 18d 18h section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALN, TIGL, OSSR, Evensk, EVEN, GADL, TLAR, OMS, MA2, MGD, SEY, TLON, SUUS, WBSI, BBJI, CNJI, EDFI.

DJA 18 17:50:11.7, 0.4, 11.3S, 141.1E, h10km, M4.2/11, mb4.4/6, MLv4.0/11, South of Java

Table for DJA 18 17:50:11.7, 0.4, 11.3S, 141.1E, h10km, M4.2/11, mb4.4/6, MLv4.0/11, South of Java. Includes stations like JAGI, ABJI, PWJI, SRBI, SJ, KLN, NGJI, UGM, FLAI, CMJI, WBSI, BBJI, CNJI, EDFI.

IDC 18 18:09:12.9, 0.8, 26.42S, 27.39E, h0km, mb4.1/9, s-maj=24.2km s-min=14.6km az=95.0

PRE 18 18:09:12.4, 1.9, 26.40S, 27.31E, h2km, ML3.5

NEIC 18 18:09:13.7, 1.4, 26.50S, 0.05, 27.40E, 0.04, h5km, 1km, mb4.5/8, Error ellipse: s-maj=7.9km s-min=6.2km az=174.0

BGSI 18 18:09:18.2, 5.2, 26.84S, 26.19E, h269km, 83km, ML3.6

ISC 18 18:09:13.4, 0.9, 26.41S, 0.03, 27.32E, 0.03, h6km, 5km, n91, r190/148, mb4.3/11, 6C-8D, South Africa

Table for IDC 18 18:09:12.9, 0.8, 26.42S, 27.39E, h0km, mb4.1/9, s-maj=24.2km s-min=14.6km az=95.0. Includes stations like WDLM, PRYS, HRAO, NYAT, MRCO, NHAM.

2018 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RUST, SNKL, SWZ, LBTB, LBTB, CRLN, LEPH, MTLB, WTBG, NWCL, DULL, BOSA, PILG, SKOMA, HOED, POGA, PHPEN, PMBG, MPHEP, HVD, KSTD, TEMBE, MOPA, UPI, MATP.

comp=Z,2um,0.6s
comp=Z,813nm,0.2s
comp=Z,1um,0.8s
comp=Z,461nm,0.5s
comp=Z,409nm,0.3s, baz=29, slow=20, SNR=88

Main table for 2018 SEP section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RUST, SNKL, SWZ, LBTB, LBTB, CRLN, LEPH, MTLB, WTBG, NWCL, DULL, BOSA, PILG, SKOMA, HOED, POGA, PHPEN, PMBG, MPHEP, HVD, KSTD, TEMBE, MOPA, UPI, MATP.

comp=Z,2.5nm,0.3s, baz=83, slow=7.5, SNR=3.6

Table for 2018 SEP section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KEIM, Badsfontein, GRAF, BLWY, SOE, Somers East, AUGR, BRAK, PHHD, GRHM, ROOI, ARMS, GRAN, GRTL, GRTL.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FRAZ, MERW, SUR, SUR, SUR, SUR, SUR, CVNA, CVNA, CVNA, KSANE, KSANE, MATJ, MATJ, KOMC, KOMC, KOMC, PRTV, PRTV, PRTV, CER, CER, CER, WIN, WIN, WIN, ELIM, ELIM, ELIM, LSZ, LSZ, TSUM, TSUM, TSUM, TSUM, DBIC, TOR, TOR, TOR, TROLL, SNA, SNA, SNA, SNA, VNA1, VNA2, VNA3, EIL, BELA, BELA, MMAL, CASY, CASY, QSPA, QSPA, QSPA, ESDC, AKASG, TRQA, AKAR, AKAR, AKAR, AKAR, BVAR, FINES, MKAR.

comp=Z,66nm,0.5s
comp=Z,36nm,0.5s
comp=Z,23nm,0.5s
comp=Z,3.4nm,0.3s, baz=37, slow=8.4, SNR=48

Main table for 1272 section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FRAZ, MERW, SUR, SUR, SUR, SUR, SUR, CVNA, CVNA, CVNA, KSANE, KSANE, MATJ, MATJ, KOMC, KOMC, KOMC, PRTV, PRTV, PRTV, CER, CER, CER, WIN, WIN, WIN, ELIM, ELIM, ELIM, LSZ, LSZ, TSUM, TSUM, TSUM, TSUM, DBIC, TOR, TOR, TOR, TROLL, SNA, SNA, SNA, SNA, VNA1, VNA2, VNA3, EIL, BELA, BELA, MMAL, CASY, CASY, QSPA, QSPA, QSPA, ESDC, AKASG, TRQA, AKAR, AKAR, AKAR, AKAR, BVAR, FINES, MKAR.

IDC 18 18:21:34.6, 2.3, 4.14S, 153.28E, h0km, mb3.4/2, mbmt3.5/3, ML1.7/1, MS4.2/1, Error ellipse: s-maj=131.3km s-min=36.3km az=130.0, New Ireland region

Table for IDC 18 18:21:34.6, 2.3, 4.14S, 153.28E, h0km, mb3.4/2, mbmt3.5/3, ML1.7/1, MS4.2/1, Error ellipse: s-maj=131.3km s-min=36.3km az=130.0, New Ireland region. Includes stations like PMG, PMG, HNR, WRA, WRA, ASAR, TOR, TOR, UCR, CATAC.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various other parameters. Includes stations like SOCE Pocosol, VORI Pocosol, GNSZ Hotel Rincon d, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various other parameters. Includes stations like DRKO Durika, MOM2 El Cardon, MOM2 MCM2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various other parameters. Includes stations like ABKAR Akbulak array, QSPA South Pole Qui, BOSA Boshof, etc.

Table with columns: SCTE, S, Sg, 19 05 46.0 +1.5, etc. Includes stations like Santa Cesarea, Dubrovnik, Sarande, etc.

Table with columns: ACER, LK2, Lefkada island, 2.79 161, END, Pn, 19 05 39.4 +0.6, etc. Includes stations like Lefkada island, San Giovanni R, etc.

Table with columns: BULG, comp=N, 104µm, 0.8s, AML, AML, 19 05 47.1 -0.3, etc. Includes stations like PSDA, KLUV, KOKK, etc.

IDC 18 19:07:10.4-0.6, 51.49N-174.32E, h0km, mb4.3/26, mbtmp4.3/27, ML3.7/1, MS3.4/32, Error ellipse: s-maj=15.3km s-min=11.9km az=164.0, NEIC 18 19:07:12.1±1.3, 51.5N-0.1x174.3E-0.1, h10km, 1km, mb4.5/215, Error ellipse: s-maj=19.1km s-min=11.9km az=178.0, ISC 18 19:07:13.4±0.5, 51.49N-0.07x174.31E-0.05, h19km, n511, c088/469, mb4.5/121, MS3.4/32, 1D, Near Islands

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, h, n, s, ISC. Includes stations like SHEM, SHEM, AMKA, KIWB, ADK, GSTR, etc.

1275 **2018 SEP** 18d 19h

L16K	Owhat River	17.56	44	P	P	19 11 17.9	+0.1	N20K	Mount Spurr	20.71	49	P	P	19 11 52.7	+0.4	D22K		IAMB	IAMB	19 12 41.3			
L16K	Owhat River	17.56	44	P	Pn	19 11 16.9	+0.1	SPCR	Spurr Chakacha	20.71	49	P	P	19 11 52.7	+0.4	D22K	Aiyikyak River	23.45	30	P	P	19 12 21.7	+0.5
J16K	Anvik River	17.80	39	P	P	19 11 21.5	+1.1	F19K	Shalercuk Mo	20.72	32	P	P	19 11 52.4	+0.2	COLD	Goldfoot	23.50	35	P	P	19 12 21.6	-0.2
J16K	Anvik River	17.80	39	P	Pn	19 11 19.6	-0.3	F19K	Shalercuk Mo	20.72	32	P	Pn	19 12 10.5		CCB	Clear Creek Bu	23.51	41	P	P	19 12 21.6	-0.3
F15K	North Star Dit	17.84	29	P	P	19 11 22.1	+1.3	F19K	Shalercuk Mo	20.72	32	P	Pn	19 11 53.7	-0.9	M24K	Tolsona, Glenn	23.73	48	P	P	19 12 24.4	+0.5
F15K	North Star Dit	17.84	29	P	P	19 11 19.6	-0.6	J20K	Novinta River	20.77	40	P	P	19 11 52.8	-0.2	M24K	Tolsona, Glenn	23.71	48	P	P	19 12 23.7	-0.2
H16K	Elim	17.94	34	P	Pn	19 11 20.7	-0.8	J20K	Novinta River	20.77	40	P	P	19 12 22.1		EYAK	Cordova Ski Ar	23.74	52	P	P	19 12 23.7	-0.4
R17L	Mt. Peulik Vol	17.99	59	P	P	19 11 21.0	-1.2	J20K	Novinta River	20.77	40	P	P	19 11 53.5	+0.6	KLU	Klutina	23.75	50	P	P	19 12 23.4	-0.9
PLK4	Peulik 4	17.99	59	P	P	19 11 23.1	+0.4	J20K	Novinta River	20.77	40	P	P	19 11 53.6	+0.5	KLU	Klutina	23.75	50	P	P	19 12 23.7	-0.6
O17K	Koliganek Bris	18.02	52	P	Pn	19 11 21.8	-0.7	SPU	Mount Spurr	20.78	49	P	P	19 11 54.2	+0.6	KLU	Klutina	23.75	50	P	P	19 12 23.7	-0.6
I17K	Unalakleet	18.08	37	P	P	19 11 22.8	-0.3	C18K	Utukok River	20.84	25	P	P	19 12 07.6		A21K	Barrow	23.81	23	P	P	19 12 24.3	-0.3
N17K	Nushagak Hills	18.19	49	P	P	19 11 25.0	+0.2	I20K	Naaghedeneel	20.89	38	P	P	19 11 54.5	+0.8	POKR	Poker Plat Res	23.81	40	P	P	19 12 24.7	0.0
N17K	Nushagak Hills	18.19	49	P	P	19 11 25.2	+0.5	I20K	Naaghedeneel	20.89	38	P	P	19 12 13.9		POKR	Poker Plat Res	23.81	40	P	P	19 12 58.5	
P17K	Kvichak River	18.21	54	P	P	19 11 25.7	+0.7	I20K	Naaghedeneel	20.89	38	P	P	19 11 54.6	+0.4	HDA	Harding Lake	23.82	42	P	P	19 12 24.5	-0.3
L17K	Donlin	18.24	44	P	P	19 11 26.4	+1.1	I20K	Naaghedeneel	20.89	38	P	P	19 11 54.6	+0.4	H24K	Noodor Dome	23.85	39	P	P	19 12 25.5	+0.3
CHIR	Chirikof Islan	18.26	64	P	Pn	19 11 25.4	0.0	CNPM	China Poot	20.89	54	P	P	19 11 53.9	-0.4	H24K	Noodor Dome	23.85	39	P	P	19 12 30.0	
Q17K	Contact Creek	18.33	57	P	Pn	19 11 26.5	+0.1	CNPM	China Poot	20.89	54	P	P	19 12 12.0		H24K	Noodor Dome	23.85	39	P	P	19 12 25.1	-0.1
M17K	Holifna River	18.35	46	P	Pn	19 11 27.1	+0.6	H20K	Antontsega Mo	21.05	37	P	P	19 11 55.7	-0.2	ILAR	Eielson Array	23.94	41	P	P	19 12 24.6	-1.4
M17K	Holifna River	18.35	46	P	IAMB	19 11 46.7		BRLL	Bradley Lake	21.10	53	P	P	19 11 56.1	-0.5	B22K	Teshkekuk Lake	24.03	26	P	P	19 12 26.6	-0.2
M17K	Holifna River	18.35	46	P	Pn	19 11 27.2	+0.7	BRLL	Bradley Lake	21.10	53	P	P	19 12 10.5		B22K	Teshkekuk Lake	24.03	26	P	P	19 12 26.5	-0.2
G16K	Koyuk River	18.36	32	P	Pn	19 11 27.2	+0.7	BRSE	Bradley Lake S	21.17	53	P	P	19 11 57.4	+0.1	E23K	Chandalar	24.05	33	P	P	19 12 27.9	+0.8
G16K	Koyuk River	18.36	32	P	Pn	19 11 28.0	+1.4	SKT	Skwentna	21.21	47	P	P	19 11 57.0	0.0	E23K	Chandalar	24.05	33	P	P	19 12 44.8	
J17K	VABM Dome	18.46	40	P	Pn	19 11 28.9	+1.1	SKT	Skwentna	21.21	47	P	P	19 11 57.9	+0.2	MidW	Midway	24.07	162	P	P	19 12 27.0	-0.1
J17K	VABM Dome	18.46	40	P	Pn	19 11 28.6	+0.7	E19K	Redstone River	21.25	30	P	P	19 11 58.0	0.0	D23K	Nanushuk River	24.12	30	P	P	19 12 26.3	-1.1
K17K	Iditarod	18.47	42	P	Pn	19 11 29.0	+1.0	E19K	Redstone River	21.25	30	P	P	19 11 58.2	+0.2	D23K	Nanushuk River	24.12	30	P	P	19 12 27.7	+0.1
K17K	Iditarod	18.47	42	P	IAMB	19 11 46.2		CHUM	Lake Minchumin	21.42	42	P	P	19 12 08.0	+0.9	D23K	Nanushuk River	24.12	30	P	P	19 12 28.2	+0.6
ACHA	Angle Creek He	18.61	57	P	P	19 11 29.7	+0.2	SUA	Susitna One	21.46	49	P	P	19 12 00.4	-0.1	PAX	Paxson	24.17	46	P	P	19 12 28.5	+0.3
Q16K	Katmai Hardscr	18.64	56	P	Pn	19 11 33.1	+0.5	SUA	Susitna One	21.46	49	P	P	19 12 01.1	+0.6	RAGM	Ragged Mountai	24.19	44	P	P	19 12 28.7	+0.4
N18K	Kilae Creek	18.84	49	P	P	19 11 32.1	+0.1	F20K	Avaraart Lake	21.51	32	P	P	19 12 00.7	+0.2	G24K	Hadweenzik River	24.29	37	P	P	19 12 28.5	-0.5
N18K	Kilae Creek	18.84	49	P	Pn	19 11 33.4	+0.8	F20K	Avaraart Lake	21.51	32	P	P	19 12 01.0	+0.2	G24K	Hadweenzik River	24.29	37	P	P	19 12 28.4	-0.8
P18K	Big Mountain,	18.86	53	P	P	19 11 31.0	-1.2	C19K	Lookout Ridge	21.58	25	P	P	19 12 02.1	+0.5	G24K	Hadweenzik River	24.29	37	P	P	19 13 02.8	
P18K	Big Mountain,	18.86	53	P	IAMB	19 11 55.6		C19K	Lookout Ridge	21.58	25	P	P	19 12 01.8	+0.2	G24K	Hadweenzik River	24.29	37	P	P	19 12 30.0	+0.7
P18K	Big Mountain,	18.86	53	P	Pn	19 11 32.9	+0.1	D19K	Kuna River	21.60	28	P	P	19 12 01.8	0.0	TOLK	Toolik Lake Re	24.33	32	P	P	19 12 29.3	-0.3
H17K	Granite Mounta	18.93	35	P	P	19 11 33.3	+0.5	D19K	Kuna River	21.60	28	P	P	19 12 10.8		TOLK	Toolik Lake Re	24.33	32	P	P	19 12 33.9	
H17K	Granite Mounta	18.93	35	P	P	19 11 33.2	+0.3	D19K	Kuna River	21.60	28	P	P	19 12 02.2	+0.4	TOLK	Toolik Lake Re	24.33	32	P	P	19 12 29.9	+0.3
O18K	Koktuh Hills	18.97	52	P	P	19 11 31.3	-2.0	IMAR	Indian Mountai	21.68	36	P	P	19 12 03.3	+0.6	BMRM	Bremner River	24.33	51	P	P	19 12 30.2	+0.5
O18K	Koktuh Hills	18.97	52	P	IAMB	19 11 58.4		SEW	Seward	21.86	53	P	P	19 12 05.5	+0.9	KAIM	Kayak Island	24.37	54	P	P	19 12 30.0	0.0
O18K	Koktuh Hills	18.97	52	P	P	19 11 33.7	+0.3	RC01	Rabbit Creek A	21.87	50	P	P	19 12 04.6	-0.1	KAIM	Kayak Island	24.37	54	P	P	19 12 30.2	+0.2
L18K	Granite Mounta	18.97	44	P	P	19 11 33.2	-0.1	H21K	Melozitna River	21.89	37	P	P	19 12 05.1	+0.1	N25K	Chitina, Valde	24.39	50	P	P	19 12 30.6	+0.3
L18K	Granite Mounta	18.97	44	P	Pn	19 11 33.4	+0.1	H21K	Melozitna River	21.89	37	P	P	19 12 05.3	+0.3	N25K	Chitina, Valde	24.39	50	P	P	19 12 52.5	
G17K	Kiwalik Mounta	18.99	33	P	Pn	19 11 34.2	0.0	G21K	Allakaket	22.01	35	P	P	19 12 06.4	+0.1	N25K	Chitina, Valde	24.39	50	P	P	19 12 30.1	-0.2
R18K	Karluk	19.00	59	P	P	19 11 34.5	+0.1	G21K	Allakaket	22.01	35	P	P	19 12 06.5	+0.2	F24K	Squaw Lake	24.44	35	P	P	19 12 31.9	+1.3
SII	Sitkinak Islan	19.08	62	P	Pn	19 11 35.3	-0.1	E20K	Nig River	22.03	29	P	P	19 12 06.7	+0.2	F24K	Squaw Lake	24.44	35	P	P	19 12 47.4	
M18K	Stony River	19.11	47	P	P	19 11 35.2	+0.3	BPaw	Bear Paw Mtn.	22.04	42	P	P	19 12 07.0	+0.4	F24K	Squaw Lake	24.44	35	P	P	19 12 30.9	+0.3
F17K	Baldwin Pennin	19.37	30	P	Pn	19 11 38.7	0.0	BPaw	Bear Paw Mtn.	22.04	42	P	P	19 12 05.6	-1.0	E24K	Your Creek	24.45	33	P	P	19 12 30.4	-0.3
F17K	Baldwin Pennin	19.37	30	P	IAMB	19 11 57.3		D20K	Etvik River	22.17	28	P	P	19 12 07.8	-0.1	HMT	Hamilton	24.46	53	P	P	19 12 31.3	+0.5
F17K	Baldwin Pennin	19.37	30	P	P	19 11 38.1	+0.5	F21K	Alatna River	22.36	33	P	P	19 12 10.0	+0.1	HMT	Hamilton	24.46	53	P	P	19 12 34.6	
J18K	Innoko River	19.44	41	P	P	19 11 39.0	+0.5	F21K	Alatna River	22.36	33	P	P	19 12 25.3		J25K	Salcha River,	24.54	42	P	P	19 12 30.1	-1.4
J18K	Innoko River	19.44	41	P	Pn	19 11 39.8	0.0	ASAJ	Asahikawa	22.41	63	LR	LR	19 12 10.4	+0.4	J25K	Salcha River,	24.54	42	P	P	19 12 30.9	-0.7
C16K	Lisburne Hills	19.51	23	P	P	19 11 39.4	+0.3	MLY	Manley	22.46	40	P	P	19 21 40.0		C23K	Itkillik River	24.57	29	P	P	19 12 32.9	+1.2
C16K	Lisburne Hills	19.51	23	P	IAMB	19 12 07.2		MLY	Manley	22.46	40	P	P	19 12 09.7	-1.4	C23K	Itkillik River	24.57	29	P	P	19 13 08.2	
N19K	Bonanza Creek	19.54	49	P	P	19 11 40.2	+0.5	MLY	Manley	22.46	40	P	P	19 12 10.4	-0.6	C23K	Itkillik River	24.57	29	P	P	19 12 31.6	-0.1
N19K	Bonanza Creek	19.54	49	P	P	19 11 40.2	+0.5	PWL	Port Wells	22.51	51	P	P	19 12 10.4	-0.6	RIDG	Independent Ri	24.58	44	P	P	19 12 31.7	-0.2
Q19K	Cape Douglas,	19.59	55	P	P	19 11 39.9	-0.3	PWL	Port Wells	22.51	51	P	P	19 12 10.4	-1.2	RIDG	Independent Ri	24.58	44	P	P	19 12 52.6	
Q19K	Cape Douglas,	19.59	55	P	P	19 11 40.4	+0.2	PWL															

18d 19h

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like K27K, F26K, BCAR, CTGM, LOGN, YAK, I27K, EGAK, EGAK, C26K, YUK3, H27K, PCA, PINM, O28M, G27K, YUK8, BCPM, PNL, E27K, I28M, KLR, DAWY, DAWY, YUK4, O29M, O29M, M29M, M29M, YUK6, F28M, D27M, D27M, L29M, H29M, H29M, E28M, HYT, HYT, K29M, K29M, G29M, G29M, N30M, N30M, M30M, M30M, D28M, E29M, E29M, J30M, J30M, EPYK, EPYK, EPYK, I30M, I30M, TIXI, TIXI, PLBC, O30N, G30M, G30M, F30M, SKAG, USRK, WHY, M31M, H31M, SIT, G31M, G31M, R32K, MJAR, S32K, S32K, FARO, FARO.

2018 SEP

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like P32M, INK, INK, P33M, P33M, Q32M, Q32M, JHJ, R33M, R33M, S34M, DLBC, DLBC, DLBC, T35M, T35M, H11N2, H11N3, H11N1, H11S1, H11S3, H11S2, TOAD, JCJ, KOTAN, BBB, KRSR, JNU, YKA, YKA, LTY, RES, EDM, SONM, SONM, SONM, YBH, HHC, HHC, HNS, I07A, I07A, GATC, PNTN, BOZ, BOZ, KVN, NVAR, NVAR, NVAR, YHL, YHL, ELK, R11B, R11B, TPNV, DUG, PD31, PDAR, PDAR, PDAR, PDAR, PRN, ZALV, ZALV, ZALV, LZH, LZH, LZH, LCMT, P18A, P18A, KNB, PFO, SRU, U15A, U15A, ULM, ULM, N23A, M3VC, M3VC, S22A, S22A, KURK, KURBK, SDCO.

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Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MK31, MKAR, MKAR, MKAR, MAKZ, MAKZ, ECDSD, ECDSD, ARCES, ANMO, BVAR, 121A, PZH, PZH, PZH, SMWD, HNR, WMOK, SCHO, BOOM, TXAR, TXAR, FINES, KSH, KSH, KKAR, KKAR, MIAR, SADO, ARSB, ABKAR, ABKAR, O48B, CMAR, CMAR, NB2, NOA, NOA, WWT, OXF, HFS, TKL, EKA, AKASG, AKASG, KOLS, BUR08, BUR08, VYHS, GERES, GNI, WONA, WONA, KBA, WTTA, SOKA, SQTA, OBKA, FETA, PRED, PRED, ASAR, BRTR, ESDC, SJG, PLCA, QSPA, MAW, BOSB, ELIB, Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MJAR, MAJO, HJ9B, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like LTY, BBB, CMIG, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like AK22, FABU, DEL, etc.

18d 22h

Table with columns: YOJ, ESOA, EWUT, EAHA, TWC, ENA, ENA, ETL, NDS, NDS, NACB, NACB, TWD, TWD, HWA, ILA, ILA, TEYL, TEYL, TWB1, TWE, TWE, ETLH, LATG, LATG, ENTT, SHUL, SHUL, ETM, ETM, TIPB, TIPB, NDT, FUSB, FUSB, TEGC, LXIB, LXIB, SX11, IRIF, IRIF, NNSB, ESL, ESL, NNS, NNS, NWF, NWF, WFSB, WFSB, WHTJ, WHTJ, YHNB, TWA, TWA, TNOU, TNOU, WARBT, WARBT, WHF, WHF, NSK, NSK, HGSB, HGSB, OWD, OWD, YMO1, YMO1, JKRS, JKRS, EHY, EHY, WUSB, WUSB, ECEB, ECEB, TWY

2018 SEP

Table with columns: TWY, NFF, YULB, YULB, EYUL, EYUL, TWF1, TWF1, JJJ, JJJ, LIOB, LIOB, CHKH, CHKH, WHP, WHP, NSTT, NSTT, PCYT, PCYT, WCS, WCS, SSLB, SSLB, FULB, FULB, CHKT, CHKT, CHKT, CHKT, YUCH, YUCH, EHD, EHD, WHYT, WHYT, JISG, JISG, ECS, ECS, EDH, EDH, EDH, EDH, ELDTW, ELDTW, WNT, WNT, ALS, ALS, CHNS, CHNS, CHNS, CHNS, LDUT, LDUT, LONT, LONT, LONT, LONT, WLG, WLG, WDLH, WDLH, WDLH, WDLH, STYH, STYH, STYH, STYH, TWGBT, TWGBT, TWGBT, TWGBT, TWG, TWG, TWG, TWG, WCKO, WCKO, WCKO, WCKO, TPUB, TPUB, TPUB, TPUB, CHN4, CHN4, CHN4, CHN4, WTK, WTK, WTK, WTK, TWK, TWK, CHN1, CHN1, CHN1, CHN1, SNST, SNST, SGST, SGST, SGST, SGST, SLGT, SLGT, SLGT, SLGT, WSF, WSF, SCST, SCST, SCST, SCST, TSMC, TSMC, LAY, LAY, MASBT, MASBT, MASBT, MASBT, JIRB, JIRB, JKIM, JKIM

1280

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WCU, KUZ, PUZ, RUGZ, ASAR, WRA, FINES, MMAI.

IDC 18 21:34:59.1, 2.1, 27.2S, 0.2x177.8W, 0.4, h35km, n8, 0.937J, Kermadec Islands region
NOU 18 22:11:24.0, 0.39:69S:174:01E, h218km, MLv4.6/15, North Island, New Zealand
NEIC 18 22:11:25.1, 2.0, 39:67S:174:01E, h203km, 5km, mb4.2/9, Error ellipse: s-maj=12.2km s-min=7.7km az=111.0
WEL 18 22:11:27.2, 0.9, 40:54:17.4E, h187km, 6km, M4.0/17, ML3.8/6, MLv4.0/17, Error ellipse: s-maj=0.0km az=98.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PREZ, LREZ, LREZ, KHEZ, KHEZ, NEZ, NBEZ, PKE, DREZ, MHEZ, WAZ, WAZ, VRZ, DUWZ, DUWZ, OHWZ, OHWZ, PKVZ, PKVZ, MTVZ, MTVZ, KIW, KIW, HIZ, HIZ, HIZ, HIZ, OGWZ, OGWZ, OGWZ, OGWZ, TCW, TCW, TCW, TCW, TKNZ, TKNZ, MRZ, MRZ, MRZ, MRZ, NNZ, NNZ, NNZ, NNZ, QNZ, QNZ, QNZ, QNZ, SNZO, SNZO, SNZO, SNZO, BHW, BHW, MRNZ, MRNZ, MSWZ, MSWZ, BFZ, BFZ, BFZ, BFZ, BKZ, BKZ, BKZ, BKZ, CMWZ, CMWZ, PLWZ, PLWZ, THZ, THZ, RTZ, RTZ, DSZ, DSZ, KHZ, KHZ, URZ, URZ, URZ, URZ, KUZ, KUZ, GYZ, GYZ, INZ, INZ, AMCZ, AMCZ, MXZ, MXZ, MOZ, MOZ, OUZ, OUZ, RPZ, RPZ, RPZ, RPZ, MSVF, MSVF, BBOO, BBOO, AS31, AS31, ASAR, ASAR, ASAR, ASAR, WB2, WB2, WRA, WRA, KNRA, KNRA, FITZ, FITZ, GSPA, GSPA, GSPA, GSPA

IDC 18 21:34:53.7, 4.0, 28:75S:177:76W, h0km, mb3.4/2, mbtmp3.4/2, Error ellipse: s-maj=295.1km s-min=65.7km az=168.0

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC, M30M. Includes entries like P18K Big Mountain, P18K Peulik A, N19K Bonanza Creek, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC, M30M. Includes entries like MSFV Nonsavu, NIUE Niue, LIFNC LIFOU, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC, M30M. Includes entries like XAN X'an, XAN XAN, PDAR Pinedale Array, etc.

NEIC 18 23:44:11.1, 2.1, 18:24S:0:10:178:3W:0.1, h567km, 7km, mb4.3/49, Error ellipse: s-maj=18.1km s-min=14.4km az=87.0

NEIC 18 23:44:13.6, 1.1, 18:14S:178:46W, h586km, 9km, mb3.4/14, mbmp4.3/16, Error ellipse: s-maj=22.8km s-min=12.3km az=145.0

NEIC 18 23:44:17.6, 19:16S:178:69W, h515km, mb4.3/9, Fiji

SJA 18 23:50:04.7, 0.8, 30:79S:71:61W, h7km, 4km, ML4.0, MW3.6
GUC 18 23:50:10.1, 0.8, 30:85S:71:33W, h43km, 1km, ML3.9
NEIC 18 23:50:10.4, 1.5, 30:89S:0:04:71:39W:0:07, h47km, 5km, mb4.5/10, Mw3.9/44, ML4.1 (GUC). Error ellipse: s-maj=8.3km s-min=5.9km az=90.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:0.8; Mss:0.04; Mss:0.84; Mss:0.11; Mss:0.07; Mss:0.60; Fault plane solution: Mo:1.03000e+10^15 NP1:0.171.970000, 0.63.220000, 1.86.930000. NP2:0.358.750000, 0.26.950000, 1.96.050000. Principal axes: T 1.0066, Ptg2.0000, Azm75.0000; N 0.0435, Ptg3.0000; Azm173.0000; P 1.0500, Ptg18.0000; Azm264.0000; NEIC 18 23:50:10.4, 30:85S:71:45W, h48km, mb3.5/14, mbmp4.1/9, 3.6, 30:91S:71:14W, h91km, 31km, mb3.8/7, mbmp4.1/9, MS3.0/2, Error ellipse: s-maj=28.1km s-min=18.9km az=95.0

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC, M30M. Includes entries like CO06 Fray Jorge, CO06 Fray Jorge, CO06 Fray Jorge, etc.

19d Oh

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual, and other parameters. Includes stations like M16K, RND, S31K, etc.

19d Oh: 34.5, 0.2, 36.75N, 0.02, 28.649E, 0.006, h5km, Mw3.2, confirmed.
NIC 1900:45:37.8, 36.72N, 28.70E, h3km, 1km, M13, 2/10
IDC 1900:45:40.0, 0.9, 36.36N, 28.74E, h0km, mb3.6/7, mbmp3.7/17, M13, 7/9, MS3, 6/2, Error ellipse:
s-maj=18.3km s-min=14.1km az=164.0
ISK 1900:45:40.9, 36.46N, 28.73E, h5km, M13, 4/29
AFAD 1900:45:41.6, 36.44N, 28.72E, h6km, 2km, MW3/5
ATH 1900:45:42.0, 36.45N, 28.71E, h7km, 2km, M13, 4/6, Manual
Solution by M.Kolliri. This location: 2020/06/30 07:43:03
ML Amplitudes are expressed in micrometers, All
distances are expressed in degrees Latitude uncertainty: 2
km; Longitude uncertainty: 3 km
THE 1900:45:43.1, 36.41N, 28.66E, h0km, 5km, M13, 2/2, Error
ellipse: s-maj=12.4km s-min=1.8km az=107.0
ISC 1900:45:41.4, 1.0, 36.41N, 0.02, 28.75E, 0.01, h10km, 7km,
n161, s1939/204, mb3.4/6, Dodecanese Islands

2018 SEP

Main table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual, and other parameters. Includes stations like FETY, IZZE, DALY, etc.

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Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual, and other parameters. Includes stations like TROD, APOL, IMMV, etc.

OMAN 1900:54:53.0-1.24°62N, 03°38'E, h10km, mb4.7/13, ml3.7/3, Error ellipse: s-maj=1.4km s-min=1.3km az=359.0, Off coast of Pakistan

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual, and other parameters. Includes stations like JLN, WKB, WSK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, Res ISC. Includes stations like HATD Hatta, Dubai; ASHO Ashiyah; SHME Sham; FAQ AI Faqa, Dubai; ASUD Al Ashush, Dub; UMZA Um Al Zomool.

IDC 19:00:54.53.3.2.0.47.24N:85.12E, h0km, mb3.1/1, mbtmp3.6/5, ML3.1/4, MS2.3/1, Error ellipse: s-maj=20.9km s-min=12.9km az=98.0

NNC 19:00:54.53.9.1.9.47.14N:85.16E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=16.1km s-min=9.2km az=122.0

SOME 19:00:54.56.4.47.13N:84.78E, h5km, MLh4.0/12, Error ellipse: s-maj=5.7km s-min=2.4km az=143.1, confirmed

ASRS 19:00:54.56.1.1.1.47.12N:0.04:84.88E:0.04, h12km, g8km, n43, e253/78, 10C-SD, Kazakhstan-Xinjiang border region

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, Res ISC. Lists numerous stations including ZSN, MK31, MKAR, MKAK, MAKZ, MAKZ, DGZ, CHBIT, AKAR, CHUR, Ust-Kan, ULGR, KAPS, SEM, DJR, KNO, KTM, ARTR, YALR, TEL, PDGK, BLB, KURBB, KURBB, KURBB, KURK, KURK, SHLS, SHLS, KPKS, KPKS, ELT, ELT, ZAAO, ZAAO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, Res ISC. Includes stations like ZAAO, ZALV, AAK, BVAO, BVAR, BVAR, SONM, TORO.

SNET 19:00:59:27.9.1.2, 12:29N:87.12W, h128km, 15km, ML4.6, NEIC 19:00:59:28.7.1.6, 12:47N:0.04:87.04W:0.07, h135km, 4km, mb4.5/132, Error ellipse: s-maj=11.2km s-min=4.4km

CATAC 19:00:59:28.9.0.4, 12:40N:87.19W, h115km, 3km, mb5.0, M85.5, ML4.4, IDC 19:00:59:28.4.1.3, 12:68N:86.87W, h140km, 10km, mb3.6/11, mbtmp4.1/15, MS2.4/4, Error ellipse: s-maj=22.9km s-min=11.6km az=48.0

GCG 19:00:59:34.5.3.1, 12:59N:87.43W, h145km, 506km, MD4.5, ISC 19:00:59:27.0.6, 12:47N:0.05:87.09W:0.04, h137km, 4km, n227, e119/225, mb4.5/64, Near coast of Nicaragua

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, Res ISC. Lists numerous stations including EVJ, CRIN, HERN, PACN, ROCN, CNGN, ILCN, LEVN, MOMM, BC84, BC86, COPN, MOM2, AENS, CSGN, APQ3, SAPS, APYN, BC87, APQ2, MSHP, ABCN, ALLN, TISN, USIM, R4DEC, ENAN, RAS57, RAS57, RAS59, CRUN, CRUN.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, Res ISC. Lists numerous stations including LIMN, WILN, SBEN, MASN, SABN, NANN, CNCH, LCND, INTP, BOAB, BOAC, RCVN, RCPN, BLM, PACA, ARIN, ARIN, CAHU, OMEN, COEB, COEB, ACON, ACON, ACON, LFRS, ELI1, VRLE, GPS2, SNET, BOOS, DELF, COLC, CUI, VERA, ESPN, ESPN, NICO, CEVE, CEVE, MTO, JTS, JTS, JTS, JTS, JTS, ESQI, NYURE, SOCE, GBLI, MRL, HDC, NBG, PCG, VICA, ABE2, LCR2, LCR2, LCR2, RAFA, CTVT, VTCV, APG, APG, APG, APG, FUG, FUG, OCHAL, OCHAL, STG3, RTAL, DRKO, DRKO, LPLA, PIRO, PIRO, PIRO, BRU2, CCIG, TEIG, TEIG, CMIG, CMIG, TLIG, GDBV, GDBV.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LSTV Lastovo, KUV Kijevo, KLINJ Kljinje, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TAP 19 02:41:03.7, TWD Chiawan, ETL Fush Village, etc.

SOF 19 02:43:45.4, 45.90N:0.08:26.57E:0.02, h5km, 5km, MD3.5/7
MCSM 19 02:43:49.8, 0.5, 46.16N:5.27E:1.1, h133km, 4km, mb3.8, MD3.7, MLV3.6
SIGU 19 02:43:49.7, 45.78N:26.64E, h140km, mb3.0
IDC 19 02:43:49.2, 0.7, 45.86N:26.71E, h126km, 6km, mb3.2/4, mbmp3.5/8, Error ellipse: s-maj=24.9km s-min=12.2km az=118.0
MOLD 19 02:43:50.0, 45.87N:26.62E, h140km, MB3.5, MB3.6
CFUSG 19 02:43:50.6, 45.61N:26.80E, h124km, mb2.8/4, mb3.9/7, Magtype MSH 3.7 from 4 stations
BUC 19 02:43:50.0, 2.45, 45.74N:26.68E, h131km, 1km, m3.9/7, Error ellipse: s-maj=1.4km s-min=1.2km az=176.0
ISC 19 02:43:49.5, 0.4, 45.76N:0.03:26.59E:0.02, h140km, 4km, n146, 0.0772/206, mb3.5/4, 7.9C-57D, Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SPBR Spulber, PLOR Plostina, VRI Vrinicioia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MLR Baraj Valea Uz, ONER Istrita, TUDR Tescani, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KIS Kishinev, MFRF Murfatlar, LOT Lotru, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DNZ2, KKB Sevastopol, AK07 Malin Array Si, etc.

CATAC 19 02:55:01.3:1.0, 14.44N:92.49W, h35km, 14km, ML3.9
MEX 19 02:55:02.2:1.0, 14.53N:92.43W, h74km, 12km, MD4.3
SNET 19 02:55:02.4:1.0, 14.51N:92.34W, h69km, 9km, ML3.6
GCG 19 02:55:10.9:0.3, 14.63N:91.76W, h34km, 2km, MD3.7
ISC 19 02:55:01.1:1.2, 14.49N:0.05:92.47W:0.04, h64km, 10km, n40, 0.1947/64, 1D, Near coast of Chiapas

Table with columns: Station Name, I/Amb, I/Amb, Time, Res, ISC. Includes stations like G21K, H21K, D22K, C23K, etc.

SFS 19 03:07:06.4, 36°60'N; 9°74'W, h56km, ML3.7/12, ML3.8/10, ML3.5/12

MDD 19 03:07:06.3±0.4, 36°61'N; 9°78'W, h36km±9km, mb_Lg3.7/5.5

IGIL 19 03:07:07.5, 36°67'N; 9°65'W, h17km, ML3.2

INMG 19 03:07:08.1±1.2, 36°68'N; 9°65'W, h23km±3km, ML3.2, Error ellipse: s-maj=3.9km s-min=2.0km az=47.0

CNRM 19 03:07:09.0, 36°51'N; 9°21'W, h51km, ML3.4

LDJ 19 03:07:09.9, 36°77'N; 9°57'W, h28km

ISC 19 03:07:03.6±1.0, 36°57'N; 0°04'9.76'W, 0°04, h70km±14km, n116, c±250/190, 7C-1D, West of Gibraltar

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PSVI, PVFI, PVAL, etc.

Main station list table with columns: Station Name, I/Amb, I/Amb, Time, Res, ISC. Includes stations like PVERD, PVERD, EVO, etc.

Table with columns: Station Name, I/Amb, I/Amb, Time, Res, ISC. Includes stations like PMPS, PMPS, PMPS, etc.

VIE 19 03:29:25.8±0.9, 51°61'N; 16°16'E, h0km, mb2.4/4, ml2.8/3, Error ellipse: s-maj=10.3km s-min=5.4km az=52.0

PRU 19 03:29:27.8, 51°51'N; 15°96'E, h0km

ISC 19 03:29:24.8±0.8, 51°59'N; 0°03'16.05'E, 0°04, h0km, n19, c±130/36, Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KSP, BRG, CLL, etc.

SJA 19 03:36:21.8±0.7, 27°61'S; 67°64'W, h159km±7km, ML3.4

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like M27K Edge Creek, M30M Minto, U15A North Rim, etc.

NOU 19 03:54:54.5, 4.3, 33S:171.40E, h9km, MLV3.8/10, 7/27
WEL 19 03:54:54.6, 0.4, 43S:171.1E, h5km, M3.7/2, MLV3.8/12, MLV3.7/27, Error ellipse: s-maj=0.0km s-min=0.0km az=152.4

Main table for 1293 with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists numerous stations and their associated data.

IDC 19 04:10:23.4, 4.2, 2321S:178.75W, h0km, mb4.1/2, mbtmp4.1/2, MS2.8/1, Error ellipse: s-maj=262.8km s-min=46.2km az=157.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MSVF Nonsavu, ASAR Alice Springs, WRA Waramunga Arr, etc.

TEH 19 05:13:24.1, 33'66N:45'53E, h8km, 64km, ML2.5
ISN 19 05:13:26.4, 1.4, 33.75N:45.49E, h19km, 39km, ML2.2
ISC 19 05:13:25.0, 1.4, 33.66N:0.06E:45.50E:0.09, h13km, nt, s=0.89/10, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GLG1 Gilan-e-Gharb, ILBA Ilam Banvizeh, IBDR Badra, etc.

NEIC 19 05:15:16.0, 3, 35.844N:0.006:97.34W:0.01, h4km, 5km, mb_Lg2.8/2, ML3.0, ML3.1/50, Error ellipse: s-maj=1.5km s-min=0.8km az=89.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like OK029 Liberty Lake, OK029 8um, 0.1s, ADOK Arcadia Dam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like FNO Franklin, QUOK Quay, QUOK Quok, etc.

NOU 19 05:20:52.3, 1.1, 36.78N:143.29E, h0km, mb3.8/7, mbtmp3.9/12, ML3.7/5, MS2.9/7, Error ellipse: s-maj=25.9km s-min=18.5km az=76.0

Main table for 2018 SEP with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists numerous stations and their associated data.

NNC 19 05:16:49.6, 1.8, 45.22N:89.54E, h0km, mb3.9, mpv3.4, Error ellipse: s-maj=28.9km s-min=15.1km az=22.0
IDC 19 05:16:50.4, 2.8, 44.86N:89.20E, h0km, mb3.5/1, mbtmp3.6/4, ML3.0/3, MS2.1/1, Error ellipse: s-maj=44.6km s-min=21.3km az=14.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MK31 Makanchi Array, MK31 1.4nm, 0.5s, baz=102, slow=14, SNR=25, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like IDC 19 05:20:52.3, 1.1, 36.78N:143.29E, h0km, mb3.8/7, etc.

NOU 19 05:20:52.3, 1.1, 36.78N:143.29E, h0km, mb3.8/7, mbtmp3.9/12, ML3.7/5, MS2.9/7, Error ellipse: s-maj=25.9km s-min=18.5km az=76.0

Main table for 19d 5h with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists numerous stations and their associated data.

SSNC 19 05:35:50.6, 1.6, 18.11N:80.99W, h35km, MD3.6, North of Honduras

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like FSCY Frank Sound, G, FSCY The Bluff, Cay, CBCY The Bluff, Cay, etc.

IDC 19 05:42:55.9, 0.7, 1.22S:120.40E, h0km, mb4.0/9, mbtmp4.0/10, ML4.2/1, MS3.1/10, Error ellipse: s-maj=45.7km s-min=14.0km az=69.0

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

19d 8h

Table with columns for station code, name, coordinates, and other parameters. Includes stations like GRL, LGNR, CIRR, KZOV, ASAK, etc.

2018 SEP

Table with columns for station code, name, coordinates, and other parameters. Includes stations like D25K, PRP, FYU, J25K, etc.

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Table with columns for station code, name, coordinates, and other parameters. Includes stations like BCIP, MLIR, ZANG, etc.

NNC 19 08:31:02.4-0.4, 44.25N:79.79E, h1km, mb3.1, mpv3.5, Error ellipse: s-maj=2.9km s-min=1.8km az=77.0

SOME 19 08:31:02.6, 44.25N:79.78E, h5km
ISC 19 08:31:02.8±1.0, 44.25N:79.78E±0.03, h3km±10km, n49, c0.65/84, 4C-4D, Eastern Kazakhstan

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like MAKZ, KRBS, KST, DGS, MK31, TKM2.

RSNC 19 08:44:16.3±0.4, 2°S:2°8'0W±, h71km±6km, M3.2, mB5.0, mb3.9, ML2.8, Mw(mB)4.4

IG 19 08:44:18.3±0.3, 2°S:2°8'0W±, h61km, M4.0/22
ISC 19 08:44:17.0±1.3, 2.20S:0.04±79.84W±0.04, h77km±7km, n77, c1.36/85, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like GYEE, AGUA, MILO, ABAB, COHC, COHC, COHC, ARRY, ISPG, JSCH, PCRA, ACUE, PPLP, PPLP, SALI, CHSH, AQUE, TAMH, PORT, PECV, BIL2, TUYU, BBIL, ARRY, ISPT, BPAT, BULB, BOS, LAMO, FL1, ILLI, PAST, PUYO, BRRN, PIAT, PIAT, CAMI, BREF, ZUMB, BVCC, TAM, VC1, PITA, AMCR, MCRA, MCRA, MCRA, ANTG, JUAZ, TUIS, GGPC, TERV, ARDO, PINO, ANTS, YANA, YANA, PULU, PAC1, PAC1, OTAV, OTAV, OTAV, CUSE, CUSE, ANGU, CUIC, BONI, CRUC, BBAC, PTLT, FLOC, POPC, GARC, JAMC, MACC, CZSB, BTGT.

BJI 19 08:53:07.8±0.0, 10.17N:56.60E, h5km, mb5.2/22, mb5.2/53, Ms4.8/77, Ms7.4/675
MOS 19 08:53:09.8±1.1, 10.38N:56.95E, h10km, mb5.5/66, MS4.6/15, Error ellipse: s-maj=6.0km s-min=3.4km az=92.6
IDC 19 08:53:11.1±0.4, 10.32N:57.08E, h0km, mb4.9/35, mbtmp4.9/36, ML3.5/2, MS4.4/71, Error ellipse: s-maj=11.1km s-min=10.5km az=146.0
NEIC 19 08:53:14.2±2.7, 10.38N:0.08±92E±0.09, h10km±1km, mb5.4/150, Mww5.2/11, Error ellipse: s-maj=15.3km s-min=13.7km az=118.0
OMAN 19 08:53:14.1±0.0, 10.40N:56.94E, h10km, mb5.3/47, ms4.6/13, Mwp5.1/9, Error ellipse: s-maj=1.0km s-min=0.7km az=288.0
GCMT 19 08:53:16.2±2.2, 10.48N:0.01±83E±0.01, h12km, MW5.1/131, Moment Tensor Solution. s76.c119; s131.c241; Duration: 0 Moment tensor: Scale 10^16Nm;

Mn-3.41±.11; Mw-2.28±.10; Mo-1.13±.12; M0.29±.29; Mw-5.13±.08; Ms-2.51±.31; Best double couple: M=6.3300e+1016 Np1±.194.00000±.666.00000±.742.00000±. NP2±.85.00000±.853.00000±.1.149.00000±. Principal axes: T 5.5820, Plg46.0000±, Azm55.0000±; N 1.4970, Plg43.0000±, Azm219.0000±; P -0.7800, Plg8.0000±, Azm317.0000±; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DSN 19 08:53:17.1±1.1, 10.86N:56.67E, h10km, mb5.8/9, ML4.3/1
Error ellipse: s-maj=18.6km s-min=10.0km az=116.0
ISC 19 08:53:13.7±0.5, 10.39N:0.04±56.95E±0.03, h13km±2km, h13km±PP-P, n790, c1.48/827, mb5.3/250, MS4.5/111, 75C-5D, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like DMTO, RBK, SHAO, SHAO, SHAO, SHAO, ABTO, ABTO, ABTO, WHFO, WHFO, DOK, DOK, DOK, DQM, MHTO, JLN, JMDO, BSY, WBK, SMDO, WSAR, WSAR, ARQ, ARQ, MZR, ALNE, ALNE, SOHO, SOHO, SOHO, ATD, ATD, ATD, ATD, AJN, ASH, ASHO, ASUD, ASUD, FAQ, FAQ, HATD, HATD, UOSS, UOSS, UOSS, NAZ, NAZ, MDH, MDH, MDH, MSFE, MASAFI, MASAFI, MASAFI, TRNA, JASK, SMRA, BANOM, SHME, SHME, SHME, SAKB, RAYN, RAYN, RAYN.

19d 8h

Table with columns for station name, frequency, power, and other technical details. Includes stations like RAYN Ar Rayn, FURI Furi, KBD Kbd, HYB Hyderabad, etc.

2018 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIRS Kirsehir-Merke, KBZ Khabaz, SHA1 Ala-Archa, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KPKS Kolkpek, SHLS Shalkode, SHLS Karadeniz Ereo, etc.

Table with columns for station name, frequency, power, and time. Includes stations like Shenyang, Changchun, BinXian, etc.

Table with columns for station name, frequency, power, and time. Includes stations like Matsuhiro, Mawson, Warramunga Arr, etc.

Table with columns for station name, frequency, power, and time. Includes stations like Black Hills, Cathedral Cave, Dillon, etc.

TAP 19 08:56:17.8, 24.91N:122.79E, h3km, 1km, ML3.0, D JMA 19 08:56:20.3, 0.1, 25.1N:122.7E, h3, h34km, 3km, MV2: 1/8, NW OFF ISHIGAKIJIMA IS

ISC 19 08:56:17.1, 1.2, 24.93N:122.85E:0.05, h10km, n38, h34, 10, 1C, Taiwan region

Table with columns for Code, Station Name, Frequency, Power, and Time. Includes stations like YJNG, YOJ, YOY, etc.

ISK 19 08:58:56.5, 37.18N:27.87E, h0km, 1km, ML1.5/7, Suspected Mining explosion., Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Podkum, Legarje, Visnje, Dobrina, Vrh nad Dolski, Golise, Gorenja Brezova, Grobnik.

IDC 19 09:14:51.2, 0.6, 13.30N, 50.58E, h0km, mb4.2/21, mbtmp3.1/24, ML3.0/3, MS3.8/19, Error ellipse: s-maj=16.8km s-min=15.2km az=156.0

NEIC 19 09:14:53.6, 1.7, 13.3N, 0.1, 50.66E, 0.06, h10km, 1km, mb4.4/32, Error ellipse: s-maj=18.4km s-min=8.2km az=159.0

ISC 19 09:14:54.5, 0.5, 13.33N, 0.08, 50.65E, 0.07, h21km, n79, 1917/22, mb4.3/38, MS3.8/18, 1C, Eastern Gulf of Aden

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATD, RAYN, WSAR, UOSS, KMBO, KIBK, MMAI, MBAR, SIRT, GNI, SIMJ, CHGR, KBZ, KVAR, BTK, DRK, KK31, KKAR, NRN, AAK, ABKAR, TARG, AKTO, MLR, BELG, BURAR, AKASG, AKASB, KIEV, MAKZ, BVAR, BVAR, MKAR, KURBB, TAM, LBTB, STAL, TSUM, SUW.

Table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, GERES, TORO, BOSO, ZAAO, ZALV, FINES, SUR, HFS, ESCD, DBIC, NOA, XAN, EKA, HHC, TIA, KHS, KSR, MJAR, MAW, WRA, ASAR, PDAR, NVAR, TXAR.

HEL 19 09:31:10.0, 0.3, 60.52N, 29.07E, h0km, MLL1.6, Explosion, Baltic States-Belarus-Northwestern Russia

Table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VJF, RUF, RUF, PVF, FIAO, FIAO, KAF, KAF, KAF, SUF, KEF, KEF, KEF, VAF, VAF.

SOME 19 09:32:21.0, 41.82N, 73.42E, h0km, N1C 19 09:32:22.7, 7.5, 43.60N, 72.78E, h7km, 41km, mb3.5, mpv3.1, Error ellipse: s-maj=54.7km s-min=26.7km az=124.0

ISC 19 09:32:06.8, 2.5, 41.22N, 0.1, 72.83E, 0.05, h11km, n15, 1859/23, 3C-1D, Kyrgyzstan

Table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRKS, MRKS, MRKS, KK31, TKM2, TKM2, BRLS, BRLS, KST, KST, KST, DGS, DGS, DGS, DGS, KRBS, KRBS, KRBS.

Table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRBS, TNS, MDOK, KTBS, KTBS, KTBS.

JMA 19 09:36:05.8, 0.3, 25.2N, 122.82E, h24km, 3km, MV2.7/10, NW OFF ISHIGAKIJIMA IS, TAP 19 09:36:05.3, 24.89N, 122.82E, h15km, 1km, ML3.1, D, IDC 19 09:36:10.8, 1.6, 24.27N, 123.73E, h0km, mb3.5/3, mbtmp3.5/4, ML3.5/1, MS3.0/1, Error ellipse: s-maj=83.6km s-min=26.9km az=72.0

ISC 19 09:36:05.0, 0.9, 24.38N, 0.05, 122.81E, 0.03, h10km, n39, 10579/40, mb3.4/3, 1C, Taiwan region

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYNG, YOJ, YOJ, ESO2, ESO3, TWB1, ESO4, SX11, SHUANG, TWC, ESAA, IRIF, PCYT, NDS, EWUT, TWU, ENA, EAHA, FUSB, YEMT, YMO1, NWLT, NDT, HATJ, LATG, JKRS, NACB, YHNB, NSK, TWD, NNSB, NNS, ETLH, JISG, LXIB, KSR5, KSR5, KURBB, WRA, ASAR.

IDC 19 09:58:32.4, 0.8, 25.19S, 177.28W, h0km, mb3.9/8, mbtmp3.8/8, Error ellipse: s-maj=31.1km s-min=25.5km az=112.0

ISC 19 09:58:54.1, 0.8, 25.25S, 0.2, 177.6W, 0.2, h176km, n15, 10876/15, mb3.7/10, 4C, South of Fiji Islands

Table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WRA, QSPA, MAW, PETK, TROLL, SNA, SNA, VNA3, VNA2, NVAR, PDAR, BOS, HFS, DGS, DGS, KRBS, KRBS.

NEIC 19 10:19:04.6:1.0,21.144S:0.10:169.46E:0.04,h10km,2km, mb4.0/9, Error ellipse: s-maj=17.2km s-min=4.9km az=343.0

NOU 19 10:19:08.0:21.46S:169.09E,h0km,MLV3.9/13, Southeast of Loyalty Islands

ISC 19 10:19:07.2:0.6,21.57S:0.07:169.30E:0.08,h21km,n47, s155.0,mb4.1/15,5C,Southeast of Loyalty Islands

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

NOU 19 10:32:17.9,38.59S:175.88E,h184km,MLV3.9/12, North Island, New Zealand

WEL 19 10:32:21.5:0.6,39.3S:176.6E:1,h147km,6km,M3.3/78, ML3.2/6,MLV3.3/78, Error ellipse: s-maj=0.0km s-min=0.0km az=176.7

ISC 19 10:32:18.0:1.7,38.56S:0.04:175.86E:0.05, h177km,10km,n154,s126,B0,North Island

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

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

ISC 19 11:14:40.8:1.1,98N:99.42E,h160km,71km,mb3.9/12, mbmp4.3/13, Error ellipse: s-maj=50.9km s-min=12.3km az=56.0

DJA 19 11:14:42.5:0.4,2.1N:3.9E:1.1,h158km,5km,M4.5/13, mb4.5/3,mb6.0/2,MLV4.5/13,Mw(mb)5.6/2

NEIC 19 11:14:42.5:1.5,2.06N:0.07:99.47E:0.08,h170km,7km, mb4.2/22, Error ellipse: s-maj=12.5km s-min=9.0km az=50.0

ISC 19 11:14:40.4:0.5,2.03N:0.05:99.45E:0.06,h150km,n68, s1197/67,mb4.3/25,1C,Northern Sumatara

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

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

ISC 19 11:17:49.7:2.0,26.77N:131.00E,h0km,mb3.5/2, mbmp3.5/4,ML3.3/2, Error ellipse: s-maj=118.4km s-min=25.6km az=96.0

JMA 19 11:17:50.9:0.1,26.77N:0.5:129.6E:0.5,h45km,MV3.1/20, NEAR OKINAWAJIMA ISLAND

ISC 19 11:17:52.3:1.0,26.74N:0.04:129.63E:0.04,h35km,n20, s1929/25,Ryukyu Islands

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

SOME 19 11:18:03.0,44.60N:82.22E,h25km NNC 19 11:18:03.0,44.60N:82.22E,h0km,mb3.5,mpv3.3, Error ellipse: s-maj=18.3km s-min=4.4km az=122.0, Suspected Mining explosion. ISC 19 11:18:00.5:1.9,44.58N:0.08:82.3E:0.1,h0km,n16,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DJR JarKent, MK31 Makanchi Array, SHLS Shaikode, etc.

NEIC 19 11:20:26.7 ± 1.8, 50.60N, 0.09, 177.65W, 0.09, h10km, 2km, mb3.6/27, Error ellipse: s-maj=16.0km s-min=8.0km

IDC 19 11:20:36.6 ± 5.0, 50.99N, 1.78E, 21W, h70km, 36km, mb3.1/6, mbtmp3.6/8, ML3.5/2, Error ellipse: s-maj=62.2km

ISC 19 11:20:31.0 ± 1.2, 50.9N, 0.1, 177.82W, 0.05, h34km, n50, #154/47, mb3.6/11, Andeanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIWB Kanaga Island, GSTR Great Sitkin T, M17K Holitna River, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S1 WAKE ISLAND Hy 34.55 207, KSRS Korea Array, PDAR Pinedale Array, etc.

NEIC 19 11:28:06.9 ± 2.2, 39.72S, 0.05, 73.01W, 0.09, h61km, 6km, mb4.3/4, Mw4.1/24, Mw4.3(GUC), Error ellipse: s-maj=10.6km s-min=7.6km az=90.0, Moment Tensor Solution...

GUC 19 11:28:08.3 ± 0.7, 39.80S, 72.99W, h65km, 2km, ML4.4

IDC 19 11:28:08.4 ± 4.6, 39.68S, 72.82W, h60km, 39km, mb3.6/5, mbtmp3.9/8, ML4.1/3, MS2.6/2, Error ellipse: s-maj=53.0km s-min=19.4km az=82.0

ISC 19 11:28:07.6 ± 0.7, 39.73S, 0.03, 73.13W, 0.04, h65km, 6km, n93, #218/122, mb4.2/9, 11C-7D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LR02 Universidad Au, LR04 Corral, LR03 Panguipulli, etc.

IDC 19 11:32:20.6 ± 9.3, 14.21N, 120.94E, h152km, 91km, mb3.8/10, mbtmp4.2/10, Error ellipse: s-maj=48.2km s-min=13.3km az=67.0

ISC 19 11:32:19.0 ± 0.8, 14.1N, 0.2, 120.9E, 0.3, h152km, n10, #1923/13, mb4.0/10, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BI04 Isla Mocha, LL03 Petrohue, LL05 Los Muermos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H03S1 Juan Fernandez, H03S2 Juan Fernandez, H03S3 Juan Fernandez, etc.

IDC 19 11:45:07.8 ± 0.2, 43.13N, 0.91W, h0km, mb_Lg2.5/36, Error ellipse: s-maj=2.3km s-min=1.3km az=6.0

STR 19 11:45:07.2 ± 0.4, 43.1N, 3.1, h0km, ML1.9/9, Error ellipse: s-maj=0.0km s-min=0.0km az=11.0, preliminary

LDG 19 11:45:07.2 ± 0.1, 43.15N, 0.88W, h5km, Md2.1/2, Md2.2/7, Error ellipse: s-maj=2.8km s-min=2.4km az=166.0

ISC 19 11:45:04.9 ± 0.7, 43.18N, 0.02, 0.90W, 0.02, h0km, n33, #151/61, Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATE Arete, SJPF Ste Jean, OSSE Osses, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Chisagues Biel, Lanestosa, Montcuq, La Frestale, etc.

ATH 19 11:51:18.2,38.67N-20.58E,h9km,1km,ML0.8/4, Error ellipse: s-maj=2.5km s-min=0.9km az=96.0, Greece

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Dragano-Lefkad, Lefkada island, Tsoukalades, L, Fiskardo, Valsamata, etc.

ATH 19 11:52:10.1,39.76N-20.60E,h8km,2km,ML0.7/1, Manual Solution by A.Fokaefts This location: 2020/10/06

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Lefkada island, Tsoukalades, L, Nydri-Lefkada, Fiskardo, etc.

BER 19 12:05:48.1,2.9,80.82N,3.12W,h10km,mb(Pn)3.2, ML 1.9(DNK), Confirmed Earthquake

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Nord, Kingsbay, Barentsburg B, Danmarks Havn, etc.

mpv3.8, Error ellipse: s-maj=4.4km s-min=2.6km az=119.0, Suspected Mining explosion.

SOME 19 12:10:48.6,44.27N-81.20E,h5km, ISC 19 12:10:47.0±0.1,0.44±0.20N,0.03±0.23E,0.04,h0km,m45, r=121/77,8C-9D,Northern Xinjiang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Ketmen, JarKent, Konyryn, Kapsalar, etc.

Table with columns: ZSN, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Zaisan, Tokmak 2, Chumysh, etc.

CRAAG 19 12:25:56.9,35.88N-0.54W,ML3.2,Algerie 14km NW Gdyle, MDD 19 12:25:59.0±1.0,0.35±94N-0.63W,h12km,13km, mb_Lg2.0/15, Error ellipse: s-maj=10.1km s-min=4.4km az=142.0

CNRM 19 12:25:59.5,36.02N-0.74W,h44km,ML2.5, ISC 19 12:25:56.0±1.4,35.97N-0.03±0.69W,0.04,h9km,12km, r=133,r128/42,Northern Algeria

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Oran, Djebel Tessala, Douar Fergoug, etc.

IDC 19 12:41:04.2,0.9,33.57N-48.82E,h0km,mb3.9/15, mb1mp4.0/22,ML3.5/7MS3.5, Error ellipse: s-maj=19.7km s-min=14.0km az=164.0

TEH 19 12:41:04.6,33.68N-48.86E,h5km,15km,ML4.1, NEIC 19 12:41:05.0±2.2,33.59N-0.07±48.83E,0.07,h10km,1km, mb4.3/16, Error ellipse: s-maj=12.6km s-min=9.1km az=146.0

OMAN 19 12:41:08.6,0.9,33.45N-49.20E,h10km,mb4.1/21, Error ellipse: s-maj=11.5km s-min=8.3km az=55.0

ISC 19 12:41:05.6±0.4,33.63N-0.03±48.84E,0.03,h13km,n137, r=178/141,mb4.2/21,MS3.0/3,Western Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Meysdan, Dareh Seyedi, Doab, etc.

1307

TEYL	Yanliu Villag baz=183	0.07 219	eP	Pb	14 01 50.9 +1.7
TEYL			eS	Sb	14 01 55.8 +2.7
HWA	baz=183 Hwaiien baz=350	0.07 328	P	Pb	14 01 50.8 +1.5
HWA			eS	Sb	14 01 56.0 +2.9
ETM	baz=350 Tongmen baz=286	0.14 288	eP	Pb	14 01 50.1 +0.4
ETM			eS	Sb	14 01 55.0 +1.1
SHUL	baz=286 Shoufeng baz=193	0.15 209	P	Pb	14 01 51.1 +1.4
SHUL			S	Sb	14 01 57.3 +3.4
TWD	baz=193 Chiawan baz=346	0.17 345	iP	Pb	14 01 50.5 +0.6
TWD			S	Sb	14 01 55.6 +1.4
ESL	baz=346 Shilin baz=238	0.22 241	iP	Pn	14 01 50.6 +0.8
ESL			eS	Sb	14 01 55.5 +0.4
TEGC	baz=238 Jichi Village baz=197	0.23 204	P	Pb	14 01 51.5 +1.0
TEGC			eS	Sb	14 01 58.5 +3.3
LXIB	baz=197 Xiulin Townshi baz=296	0.23 296	iP	Pn	14 01 50.7 +0.5
LXIB			S	Sb	14 01 55.9 +0.3
ETL	baz=296 Fush Village baz=353	0.24 356	iP	Pn	14 01 50.9 +0.6
ETL			eS	Sb	14 01 56.5 +1.0
NACB	baz=353 Ninganchiao baz=347	0.26 350	P	Pn	14 01 50.9 +0.2
NACB		0.26 350	iP	Pn	14 01 50.8 +0.2
NACB			iS	Sb	14 01 56.5 +0.8
WARBT	baz=347 Fenglin Townsh baz=224	0.31 230	iP	Pn	14 01 51.2 -0.3
WARBT			S	Sn	14 01 56.6 +0.1
EGFH	baz=224 Guangfu baz=221	0.32 218	iP	Pb	14 01 51.4 -0.2
EGFH			iS	Sn	14 01 57.2 +0.5
ETLH	baz=221 Xiulin Townshi baz=336	0.32 333	iP	Pb	14 01 51.6 -0.1
ETLH			iS	Sn	14 01 57.4 +0.4
EHP	baz=336 Heping Village baz=8.0	0.40 13	eP	Pb	14 01 51.8 -0.9
EHP			eS	Sn	14 01 59.9 +0.6
WHF	baz=8.0 Hehuan Shan baz=300	0.41 303	iP	Pb	14 01 53.0 -0.2
WHF			eS	Sb	14 01 59.9 0.0
EAHA	baz=300 Aohua baz=6.0	0.42 12	iP	Pb	14 01 52.8 -0.1
EAHA			eS	Sb	14 01 59.7 +0.4
OWD	baz=6.0 Renai baz=276	0.43 275	iP	Pb	14 01 53.2 0.0
OWD			S	Sb	14 02 00.1 +0.2
HGSD	baz=276 Ruisui baz=212	0.47 205	eP	Pb	14 01 53.9 +0.2
HGSD			eS	Sn	14 02 01.8 +0.7
WUSB	baz=212 Renai baz=277	0.49 279	iP	Pb	14 01 54.0 0.0
WUSB			S	Sb	14 02 01.2 -0.1
FUSS	baz=277 Fushou baz=316	0.49 312	eP	Sb	14 01 54.1 -0.1
FUSS			S	Sb	14 02 01.8 +0.2
EHYH	baz=316 Wanrong baz=217	0.51 213	eP	Pb	14 01 53.2 -1.1
EHYH			eS	Sb	14 02 00.7 -0.9
EHY	baz=217 Hungye baz=211	0.51 216	eP	Pb	14 01 53.1 -1.1
EHY			eS	Sb	14 02 00.4 -1.2
ENA	baz=211 Nanau baz=6.0	0.51 10	iP	Pb	14 01 54.0 -0.4
ENA			eS	Sb	14 02 01.8 0.0
EWUT	baz=6.0 Wuta baz=9.0	0.54 13	iP	Pb	14 01 54.4 -0.4
EWUT			eS	Sb	14 02 02.4 -0.1
TWT	baz=9.0 Tachien baz=307	0.54 308	iP	Pb	14 01 55.1 +0.2
TWT			S	Sb	14 02 02.7 -0.1
TDCB	baz=307 Techi baz=307	0.55 307	iP	Pb	14 01 55.0 -0.1
TDCB			eS	Sb	14 02 02.6 -0.5
NNSB	baz=307 Datong baz=340	0.56 335	iP	Pn	14 01 54.7 -0.6
NNSB			S	Sb	14 02 02.2 -1.0
NNS	baz=340 Nan Shan baz=340	0.57 335	iP	Pn	14 01 54.9 -0.5
NNS			eS	Sb	14 02 03.2 -0.4
YULB	baz=340 Yu-li baz=209	0.61 211	P	Pn	14 01 54.5 -1.4
YULB		0.61 211	iP	Pn	14 01 54.5 -1.4
YULB			eS	Sb	14 02 01.8 -2.7
LATG	baz=209 Datong baz=352	0.62 350	iP	Pn	14 01 55.2 -0.8
LATG			S	Sb	14 02 03.8 -1.1
ECBN	baz=352 Changbin baz=205	0.63 196	eP	Pn	14 01 56.1 +0.1
ECBN			eS	Sb	14 02 04.8 -0.1
EYUL	baz=205 Yuli baz=214	0.64 208	eP	Pn	14 01 55.6 -0.6
EYUL			eS	Sb	14 02 04.0 -1.3
SSLB	baz=214 Suanglung baz=258	0.65 258	P	Pn	14 01 55.8 -0.5
SSLB		0.65 258	iP	Pn	14 01 55.9 -0.5
SSLB			eS	Sb	14 02 04.4 -1.0
EOS4	baz=258 EOS4 baz=84	0.65 72	iP	Pn	14 01 56.3 +0.3
EOS4			S	Sb	14 02 05.9 +0.9
TWF1	baz=84 Yuli baz=215	0.65 209	P	Pn	14 01 55.0 -1.4
TWF1			eS	Sn	14 02 03.9 -1.6
ESAO	baz=215 Su ao baz=9.0	0.68 16	eP	Pn	14 01 56.5 -0.2
ESAO			eS	Sn	14 02 06.1 -0.1
WCS	baz=9.0 Beigang Elemen baz=280	0.68 282	iP	Pn	14 01 56.7 -0.1
WCS			eS	Sb	14 02 05.2 -1.1
NDS	baz=280 Datong Townshi baz=352	0.69 350	iP	Pn	14 01 56.4 -0.6
NDS			eS	Sn	14 02 05.9 -0.6
TWC	baz=352 Suao baz=8.0	0.71 15	iP	Pn	14 01 56.9 -0.3
TWC			eS	Sn	14 02 07.5 +0.5
NDS	baz=8.0 Dongshan baz=359	0.71 5	P	Pn	14 01 56.5 -0.7
NDS			eS	Sn	14 02 06.5 -0.5
EOS3	baz=359 EOS3 baz=67	0.72 59	eP	Pn	14 01 57.9 +0.8
ENTT	baz=67 Nioudou baz=2.0	0.72 354	iP	Pn	14 01 56.8 -0.6
ENTT			eS	Sn	14 02 06.3 -1.0

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TYC	baz=2.0 Yuchr baz=269	0.72 269	iP	Pn	14 01 56.9 -0.4
TYC			eS	Sn	14 02 06.7 -0.6
WHP	baz=269 Taichung City baz=301	0.73 299	P	Pn	14 01 57.5 -0.1
WHP			iS	Sn	14 02 07.4 -0.2
EOS2	baz=301 EOS2 baz=56	0.73 47	eP	Pb	14 01 58.4 +0.5
WHYT	baz=56 Xinyi Township baz=251	0.76 253	iP	Pn	14 01 58.1 +0.2
WHYT			eS	Sn	14 02 08.4 +0.2
CHKH	baz=251 Chenggong baz=204	0.76 197	eP	Pn	14 01 57.5 -0.4
CHKH			eS	Sn	14 02 07.8 -0.4
YHNB	baz=204 Yeheng baz=350	0.79 342	P	Pn	14 01 58.0 -0.3
YHNB		0.79 342	iP	Pn	14 01 58.0 -0.3
YHNB			eS	Sn	14 02 07.1 -1.9
FULB	baz=350 Fuli baz=211	0.79 204	eP	Pn	14 01 57.2 -1.1
FULB			eS	Sb	14 02 09.9 +0.7
NSK	baz=211 Sanguang baz=350	0.80 341	iP	Pn	14 01 58.1 -0.4
NSK			iS	Sn	14 02 08.3 -1.0
TWE	baz=350 Neicheng baz=4.0	0.80 21	iP	Pn	14 01 57.8 -0.6
TWE			eS	Sn	14 02 08.3 -0.8
FUSB	baz=4.0 Fushanzhiwuyua baz=5.0	0.84 357	iP	Pn	14 01 58.4 -0.6
FUSB			eS	Sn	14 02 09.0 -1.2
WJS	baz=5.0 Zhushan baz=261	0.84 264	P	Pn	14 01 59.9 +0.8
WJS			eS	Sb	14 02 11.8 +0.9
CHKT	baz=261 Chengkung baz=206	0.86 197	iP	Pn	14 01 58.6 -0.6
CHKT			iS	Sn	14 02 10.7 +0.1
NFF	baz=206 Wufeng Townshi baz=332	0.86 326	iP	Pn	14 01 59.5 +0.2
NFF			iS	Sn	14 02 10.8 +0.1
NWLT	baz=332 Wulai baz=349	0.86 351	iP	Pn	14 01 58.9 -0.5
NWLT			iS	Sn	14 02 09.8 -1.0
EHD	baz=349 Haiduan baz=212	0.87 208	eP	Pn	14 01 57.7 -1.7
EHD			eS	Sn	14 02 09.2 -1.7
ALS	baz=212 Alishan baz=233	0.87 242	iP	Pn	14 01 59.7 +0.1
ALS			S	Sn	14 02 11.6 +0.3
WNT	baz=233 Mingjian baz=265	0.88 267	eP	Pn	14 02 00.2 +0.7
WNT			iS	Sb	14 02 12.7 +0.8
TWQ1	baz=265 Liyutan baz=298	0.90 298	iP	Pn	14 02 00.3 +0.4
TWQ1			S	Sn	14 02 12.7 +0.9
ECS	baz=298 Chishang baz=212	0.91 205	eP	Pn	14 01 58.7 -1.3
ECS			eS	Sn	14 02 11.1 -0.8
NSTT	baz=212 Nanjiang baz=308	0.92 320	P	Pn	14 02 00.7 +0.6
NSTT			S	Sn	14 02 12.3 +0.2
LIQB	baz=308 Emei baz=309	0.92 322	iP	Pn	14 02 00.9 +0.7
LIQB			S	Sn	14 02 12.9 +0.6
ELDTW	baz=309 Lidau baz=211	0.93 218	P	Pn	14 01 59.2 -1.2
ELDTW			S	Sn	14 02 11.4 -1.1
NSY	baz=211 Sanyi baz=301	0.94 302	P	Pn	14 02 01.0 +0.5
NSY			eS	Sn	14 02 13.1 +0.2
NMLH	baz=301 Miaoili baz=308	0.99 308	eP	Pn	14 02 01.5 +0.4
NMLH			iS	Sn	14 02 14.5 +0.6
EDH	baz=308 Donghe baz=199	0.99 198	eP	Pn	14 02 00.1 -1.0
EDH			eS	Sn	14 02 13.4 -0.6
WDJ	baz=199 Dajia District baz=295	1.01 295	eP	Pn	14 02 01.9 +0.6
WDJ			eS	Sn	14 02 15.6 +1.1
WGK	baz=295 Gukeng baz=255	1.02 257	P	Pn	14 02 02.1 +0.6
WGK			iS	Sb	14 02 16.2 +0.4
WDLH	baz=255 Douliu baz=246	1.04 257	eP	Pn	14 02 04.2 +0.6
WDLH			iS	Sn	14 02 16.4 +1.4
NHHD	baz=246 Xindian Distri baz=355	1.04 354	P	Pn	14 02 01.8 0.0
NHHD			iS	Sn	14 02 15.6 +0.3
SBCB	baz=355 Hsinchu baz=326	1.06 325	eP	Pn	14 02 01.7 -0.3
SBCB			S	Sb	14 02 17.1 +0.2
TWA	baz=326 Mucha baz=358	1.06 357	eP	Pn	14 02 01.0 -1.0
TWA			S	Sn	14 02 14.4 -1.2
TATO	baz=358 Taipei TIPB Shuangxi baz=2.0	1.06 352	P	Pn	14 02 02.0 0.0
TATO		1.06 91	eP	Pn	14 02 02.0 -0.1
TIPB			eS	Sn	14 02 15.4 -0.3
WCKO	baz=2.0 Fanlu baz=241	1.07 243	eP	Pn	14 02 03.2 +1.0
WCKO			S	Sn	14 02 17.3 +1.5
HSN	baz=241 Hsinchu baz=328	1.07 325	eP	Pb	14 02 03.7 +0.1
HSN			eS	Sn	14 02 16.8 +0.9
STYH	baz=328 Taoyuan baz=225	1.09 227	iP	Pn	14 02 02.9 +0.4
STYH			eS	Sn	14 02 16.8 +0.4
LONT	baz=225 Longtian baz=196	1.11 205	eP	Pn	14 02 01.2 -1.6
LONT			eS	Sn	14 02 14.6 -2.3
TPUB	baz=196 Ta-pu baz=235	1.12 237	P	Pn	14 02 03.4 +0.6
TPUB		1.12 237	eP	Pn	14 02 03.5 +0.7
TPUB			S	Sn	14 02 18.2 +1.1
CHN4	baz=235 Tsauhsan baz=229	1.12 240	eP	Pn	14 02 03.7 +0.9
CHN4			iS	Sb	14 02 19.1 +0.4
NCUH	baz=229 Zhongli baz=353	1.12 338	eP	Pn	14 02 03.2 +0.2
NCUH			eS	Sn	14 02 18.8 +1.6
TWB1	baz=353 Santiao Chiao baz=26	1.13 16	eP	Pn	14 02 03.3 +0.3
TWB1			eS	Sn	14 02 18.4 +1.1
CHN2	baz=26 Minshiung baz=248	1.14 250	eP	Pn	14 02 03.2 +0.1
NWF	baz=248 Wu-fen Shan baz=352				

19d 15h

ISC 19 15:09:20.8,0.9,41.03N,0.01,20.20E,0.02,h10km,7km,
n231,c138/303,mb3.8/7,25C-17D,Albania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like TIR, TIR, TIR, etc., with their respective coordinates and data points.

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Table with columns: THE, Thessaloniki, Az, Phase ID, Time, Res, ISC. Lists stations like BARS, BARS, BARS, etc., with their respective coordinates and data points.

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Table with columns: VRI, Anicioia, Az, Phase ID, Time, Res, ISC. Lists stations like VRI, Anicioia, Anicioia, etc., with their respective coordinates and data points.

IDC 19 15:21:24.8, 1.1, 25.30N, 141.68E, h224km, 13km, mb3.0/3,
mbmp3.6/4, Error ellipse: s-maj=51.9km s-min=21.9km
az=101.0

JMA 19 15:29:30.2, 0.26, N2 x 14 0E, h198km, MV4.9/9,
IOTO ISLANDS REGION

ISC 19 15:21:35.3, 2.8, 26.22N, 0.2x140.8E, 0.2, h200km, n8,
c2417.7, mb3.2/3, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JHH2, JHH2, CBJJ, etc., with their respective coordinates and data points.

IDC 19 15:36:37.7, 12.0, 2.05S, 102.32E, h200km, 118km,
mb3.3/8, mbmp3.8/8, MS3.5/1, Error ellipse: s-maj=49.8km
s-min=16.5km az=58.0

ISC 19 15:36:37.7, 0.8, 21.5, 0.2, 102.32E, 0.2, h200km, n8,

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ASAR 0.9nm, 1.1s, etc.

JSN 19 16:30:17.1±0.3, 18.06N:76.96W, h14km, 11km, MD2.6
SSNC 19 16:30:18.0±1.2, 18.29N:76.95W, h7km, 10km, MD2.8, ML2.4

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like STH Stony Hill, MTJDJ Mount Denham, BOSA Boshof, etc.

ISC 19 16:30:15.1±1.1, 18.27N:0.07:76.93W±0.05, h22km±12km, n8, ±13/15, 3C, Jamaica region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like LMGC Las Mercedes, RCC Rio Carpintero, JYRO Yoronjima, etc.

ISC 19 17:29:16.9±0.5, 16.05S:0.2:174.39W±0.2, h300km, n9, ±084.9, mb3.87, Tonga Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like ASAR Alice Springs, PETK Petropavlovsk, GSPA South Pole Qui, etc.

NEIC 19 17:42:50.5±0.7, 18.2S:0.2:177.9W±0.2, h603km, n46, ±094.6, mb4.1/19, Fiji Islands region

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

TRN 19 17:10:56.7, 10.76N:61.08W, h31km, MD3.8, North-east Trinidad. Felt by few in Trinidad, MMI III., Trinidad

NEIC 19 17:13:38.5±1.8, 5.82S:0.06:147.0E±0.1, h112km, 12km, mb4.4/15, Error ellipse: s-maj=18.9km s-min=8.4km

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like PMG Port Moresby, MANU Manus Island, FITZ Fitzroy Crossi, etc.

ISC 19 17:29:18.9±3.5, 15.97S:175.08W, h318km, 32km, mb3.4/7, mbmp4.1/8, Error ellipse: s-maj=28.9km s-min=21.0km az=116.0

ISC 19 17:29:16.9±0.5, 16.05S:0.2:174.39W±0.2, h300km, n9, ±084.9, mb3.87, Tonga Islands

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

NEIC 19 17:42:50.5±0.7, 18.2S:0.2:177.9W±0.2, h603km, n46, ±094.6, mb4.1/19, Fiji Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like MSVF Nonsavu, AFI Afifanua, PINNC Pines Island, etc.

ISC 19 18:22:21.5±1.9, 19.15S:70.41W, h61km, n46, ±115.2/17, M5.2/1, M5.2/1, M5.2/1

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

ISC 19 18:22:21.5±1.9, 19.15S:70.41W, h61km, n46, ±115.2/17, M5.2/1, M5.2/1, M5.2/1

ISC 19 18:22:21.5±1.9, 19.15S:70.41W, h61km, n46, ±115.2/17, M5.2/1, M5.2/1, M5.2/1

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like BELA Belragno, J20K Telida, J19K Poorman, etc.

ISC 19 18:05:01.4±1.7, 6.20N:124.83E, h0km, mb3.9/5, mbtmp3.9/5, Error ellipse: s-maj=199.7km s-min=18.9km az=64.0, Mindanao

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

ISC 19 18:22:49.6±5.7, 15.07S:150.79E, h77km, 68km, mb2.5/2, mbtmp3.1/3, ML1.4/1, Error ellipse: s-maj=151.9km s-min=62.2km az=124.0, New Britain region

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

SJA 19 18:12:29.2±0.7, 19.60S:70.41W, h84km, 4km, ML4.9, MW4.8

ISC 19 18:42:21.6±0.4, 19.47S:70.27W, h66km, 3km, mb4.5/16, mbmp4.8/21, MS3.9/44, Error ellipse: s-maj=17.4km s-min=8.1km az=66.0

VAO 19 18:42:21.9±0.4, 19.46S:70.11W, h64km, mb5.1
NEIC 19 18:42:21.6±0.4, 19.47S:70.27W, h66km, 3km, mb4.5/16, mbmp4.8/21, MS3.9/44, Error ellipse: s-maj=17.4km s-min=8.1km az=66.0

NEIC 19 18:42:21.6±0.4, 19.47S:70.27W, h66km, 3km, mb4.5/16, mbmp4.8/21, MS3.9/44, Error ellipse: s-maj=17.4km s-min=8.1km az=66.0

NEIC 19 18:42:21.6±0.4, 19.47S:70.27W, h66km, 3km, mb4.5/16, mbmp4.8/21, MS3.9/44, Error ellipse: s-maj=17.4km s-min=8.1km az=66.0

NEIC 19 18:42:21.6±0.4, 19.47S:70.27W, h66km, 3km, mb4.5/16, mbmp4.8/21, MS3.9/44, Error ellipse: s-maj=17.4km s-min=8.1km az=66.0

NEIC 19 18:42:21.6±0.4, 19.47S:70.27W, h66km, 3km, mb4.5/16, mbmp4.8/21, MS3.9/44, Error ellipse: s-maj=17.4km s-min=8.1km az=66.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like PX02 IPOC Station P, TA02 Huaiquique, TA02 Huaiquique, etc.

ISC 19 18:42:21.6±0.4, 19.47S:70.27W, h66km, 3km, mb4.5/16, mbmp4.8/21, MS3.9/44, Error ellipse: s-maj=17.4km s-min=8.1km az=66.0

19d 18h

Table with columns for call sign, name, frequency, and other details. Includes entries like G001 Chuzmiza, AP01 Chacalluta, and many others.

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Table with columns for call sign, name, frequency, and other details. Includes entries like TER01 Tubaro-GC, RCLB Rio Claro-Sao, and many others.

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Table with columns for call sign, name, frequency, and other details. Includes entries like R55A Marlinton, TXAR Lajitas Array, and many others.

Table with columns: I37A, E46A, MVCO, WUAZ, LDAO, K30B, SPMN, VLDO, YUH, RMX, CBX, U15A, N23A, HMU, PFO, PFO, PFO, KNB, PKCU, V12A, LCMT, ELS, SRU, DBIC, DBIC, DBIC, Q16A, CCUT, P17A, RDMU, RSSD, RSSD, GWY, QSPA, QSPA, QSPA, QSPA, CCAC, TPNV, JLU, WCT, S11A, SPR3, ISA, DUG, BCW, Q12A, PDAR, PDAR, PDAR, PDAR, HWUT, SPUT, AHID, HVU, ELIB, ELIB, REDW, TBI, OMMB, ULM, ULM, LHV, NVAR, NVAR, PMPB, PMPB, FLWY, RYN, KVN, LAO, YNE, YERR, SCHQ, SCHQ, DGMT, PNTR, PPT2, PPT2, PPT2

Table with columns: HLID, MFID, ORV, HATC, PLID, BMO, KMP, YBH, KHMM, TORO, TORO, TORO, J04A, I05D, HAWA, G05A, NEW, BUCK, I02E, F04A, SUR, PFVI, MORF, PTEO, EDM, PBDV, PNCL, MDT, MESJ, PCVE, PVAO, TSUM, PBEJ, PVTG, PBAR, PCAS, POLO, MIVO, PAB, ESDC, ESDC, ESDC, BOSB, BOSB, MAW, MAW, MAW, LBTB, BBB, SFJD, YKA, YKA, YKA, DLBC, BORG, KEST, KEST, EKA, URZ, DAVOX, ILAR, ARCE, DZM, KBZ, H1S2, H1S1, H1S3, H1N3, H1N2, H1N1, NRK, AKTO, ASAR, ASAR, ASAR, WRA, WRA, WBO, BVAR, HRA, KURB, KURB, ZALV, ZALV, ARSB, AAK

Table with columns: MAKZ, NIL, MKAR, MKAR, KSH, HEH, USRK, USRK, USRK, WMQ, MJAR, MJAR, MAJO, MDJ, MDJ, BNK, HYB, SONM, SONM, ULN, KRSR, G1A, G1A, G1A, LZH, NJ2, CMAR, CMAR, PZH, PZH

Table with columns: GUC 19 18:46:05.0-7.36, 44S-71.05W, h1km, 3km, ML3.0, 3C-1D, Central Chile. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res

Table with columns: UPA 19 18:47:18.5-1.9, 8:58N-83:02W, h6km, 7km, MD3.6, MW4.2, UCR 19 18:47:18.8-0.7, 8:51N-83:06W, h24km, 2km, MW3.8, CATAC 19 18:47:18.3-0.4, 8:57N-83:06W, h16km, 3km, ML3.4, ISC 19 18:47:18.0-0.9, 8:54N-03:83:06W, 0.02, h32km, 5km, n49, r10773, 2C-6D, Costa Rica. Columns: Code, Station Name, Az, Az2, Phase ID, Time, Res

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

JMA 19:08:00.70.2.24.2N:0.9x123.7E:0.6, h20km, mb4.0/5, MV0.9/5, NEAR ISHIGAKI JIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Iriomote-Funau, Kuro-shima, Ishigaki jima, etc.

IDC 19:15:13.1.1.4, 191°55S:168°56E, h0km, mb4.0/5, mbmp4.0/7, ML3.8/2, MS3.6/7, Error ellipse: s-maj=32.0km s-min=30.9km az=58.0

NOU 19:15:13.1.1.4, 191°55S:168°52E, h0km, MLV4.2/13, Vanuatu Islands

NEIC 19:15:15.9.1.9, 20°03'S:168°34'E:0.03, h11km, 5km, mb4.6/20, Error ellipse: s-maj=11.5km s-min=4.1km az=181.0

ISC 19:15:15.3.0.6, 20.02S:0.05E:168.40E:0.07, h10km, n53, r122/49, mb4.6/14, MS3.6/7, Loyalty Islands

Main table of station data for the left column, including stations like Ouen Island, Noumea, etc.

IDC 19:29:18.5.0.6, 33°68N:45°75E, h0km, mb4.4/20, mbmp4.3/29, ML4.1/7, MS3.2/7, Error ellipse: s-maj=11.4km s-min=10.1km az=140.0

ISN 19:29:19.4.0.8, 33°67N:45°61E, h25km, ML3.9

TEH 19:29:19.3.0.3, 33°69N:45°67E, h8km, 35km, ML4.3

MOS 19:29:19.4.1.1, 33°77N:45°65E, h17km, mb4.7/24, Error ellipse: s-maj=6.2km s-min=4.6km az=80.3

NEIC 19:29:20.2.1.4, 33°62N:0°05:45.72E:0.08, h10km, 1km, mb4.6/102, Error ellipse: s-maj=11.9km s-min=9.3km az=94.0

OMAN 19:29:27.7.0.1, 33°05N:46°14E, h10km, mb4.0/27, MS3.0/3, Error ellipse: s-maj=1.3km s-min=1.2km az=257.0

NAO 19:29:28.1, 34°40N:45°52E, h33km, mb3.9

AFAD 19:29:29.0.0.4, 34°37N:45°27E, h15km, MW4.1

Gil 19:30:02.5.0.4, 33°68N:45°84E, h10km, Mws4.6, confirmed

ISC 19:29:19.8.0.3, 33°61N:0°03:45.70E:0.03, h13km, n480, r193/492, mb4.5/101, MS3.2/7, 18C-10D, Iran-Iraq border region

Main table of station data for the middle column, including stations like Gilan Banvizeh, Ilam-e-Gharb, Badra, etc.

Main table of station data for the right column, including stations like Giv'at Ha'Em, Balqa, Al-Qirein, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like HARR, DMTO, SHAO, WORD, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like DRK, Karamyk, MI28, STNU, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like UZB, BIOC, KBA, SHLS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNA, DZM, LVC, MAW, CPUP, LPAZ, ASAR, H01W1, H01W2, H01W3, BDFB, WRA, JTS, PFO, H1S12, H1S13, H1S11, H1N13, H1N11, H1N12, NVAR, YBH, BOS, PDAR.

HLL 19 20:38:37.6 0.2, 67.85N, 20.09E, h0km, ML1.7, Explosion
PEL 19 20:38:37.8 0.1, 67.84N, 20.19E, h0km, ML2.6, Confirmed
Induced event
IDC 19 20:38:39.3 1.2, 67.81N, 20.87E, h0km, mbmp3.1/4,
ML2.1/4, Error ellipse: s-maj=22.9km s-min=7.8km
az=121.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOVU, LANU, DUNU, MASU, SALU, KIP, PAJU, KLF, KTK1, HARU, KALU, TOF, RNF, ARCES, RAJF, KEV, RANF, VRF, OUL, OLKF, KU6, KUF, FINES, NOA, HFS, GSPA, NVAR, H03S2, H03S1, H03S3.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H03N2, H03N3, H03N1, TROLL, SNA, VNA1, ILAR, KURBB, HFS, AKASO, BRTR, MMAL, TORD.

NEIC 19 20:42:35.0 0.7, 17.8S, 0.4, 177.3W, 0.2, h584km, 23km,
mb4.0/13, Error ellipse: s-maj=55.4km s-min=26.0km
az=174.0
IDC 19 20:42:40.3 3.0, 18.19S, 178.08W, h577km, 21km, mb3.2/4,
mbmp4.1/5, Error ellipse: s-maj=65.3km s-min=38.7km
az=22.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF, AFI, EIDS, TOO, STKA, BBOC, WRO, WB0, WB2, WRA, WRA, WRA, AS31, ASAR, ASAR, ASAR, FORT, FITZ, CASY, GSPA.

IDC 19 20:49:29.6 3.0, 34.14N, 83.91E, h0km, mb3.4/3,
mbmp3.4/5, ML2.6/2, Error ellipse: s-maj=140.4km
s-min=23.8km az=63.0, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURBB, ZALV, CMAR, BVAR, WRA, IDC 19 21:22:19.1, JMA, NEAR MIYAKOJIMA ISLAND, IRIF, MKAR, JMUJ, JOGS, JIRB, JIRB, JIRB, JTKJ, JIKM, JIKM, JISG, JISG, JIJ, JIKS, HATJ, HATJ, IRIF, MKAR, WRA, ASAR, JSN, SSNC, IDC 19 21:22:55.6, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTDJ, LMGC, LMGC, LMGC, MARVS, MARVS, RCC, RCC, RCC, GTBY, GTBY, QMBU, QMBU.

NIED 19 21:24:26.1, 40.95N, 141.73E, h73km, MW3.6, Moment
Tensor Solution. s3 Moment tensor: Scale 10^14N/m;
M1-0.54; M2-0.06; M3-1.52; M4-0.71; M5-1.99; M6-0.46;
Fault plane solution: Mo2.78000x10^14 NP1:
phi339.00000, phi34.00000, lambda.12.00000. NP2:
phi248.00000, phi78.00000, lambda.174.00000.
JMA 19 21:24:26.1, 40.95N, 141.73E, h73km, MW3.5/38,
E OFF AOMORI PREF
JMA Fall I JT at E OFF AOMORI PREF.
IDC 19 21:24:26.5 2.1, 40.93N, 141.76E, h83km, 19km, mb3.5/6,
mbmp3.8/9, Error ellipse: s-maj=34.0km s-min=16.0km
az=104.0
NEIC 19 21:24:27.2 1.9, 40.94N, 141.67E, h80.065km, 7km,
mb4.2/5, Error ellipse: s-maj=11.9km s-min=5.7km
az=142.0
ISC 19 21:24:26.2 0.9, 40.94N, 141.70E, h72km, 6km,
n45, phi92/51, mb4.0/8, 9D, Near east coast of eastern
Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JARK, JARK, JAH, JAH, JHTD, JHTD, JTM, JTM, JTM, JANG, JANG, JOT, JOT, JKB, JKB, JAH, JAH, JAH, JSR, JSR, JMM, JMM, JOMM, JOMM, JOM, JOM, JOM, ERM, ERM, JEM, JEM, JYM2, JYM2, JY2M, JY2M, JNBK, JNBK, JNB, JNB, JMM, JMM, JMM, ASAJ, ASAJ, ASAJ, JKA, JKA, JSD, JSD, MJB9, MJB9, MAJO, MAJO, MJAR, MJAR, JKF, JKF, USRK, USRK, USRK, YJO, YJO, H1N2, H1N2, H1N11, H1N11, H1N3, H1N3, H1S11, H1S11, H1S13, H1S13, H1S12, H1S12, ZAAO, ZAAO, ZALV, ZALV, ZALV, ZALV, MK31, MK31, MKAR, MKAR, MKAR, KURK, KURK, KURB, KURB, BVAR, BVAR, WRA, WRA, FINES, FINES, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

19d 23h

Table of astronomical observations for 19d 23h, listing station names, coordinates, and observation times.

2018 SEP

Main table of astronomical observations for 2018 SEP, listing station names, coordinates, and observation times.

1322

Table of astronomical observations for 1322, listing station names, coordinates, and observation times.

AZER 19 23:09:34.4, 40.61N:48.75E, h7km, ml2.7, Eastern Caucasus

Table of astronomical observations for Azer station, listing station names, coordinates, and observation times.

DRS 19 23:09:43.2, 40.57N:48.77E, h45km
IDC 19 23:09:44.2, 40.25N:49.05E, h0km, mb3.5/4, mbmp3.5/8, ML2.9/4, MS2.6/2, Error ellipse: s-maj=36.0km s-min=13.0km az=171.0

AZER 19 23:09:45.1, 40.63N:48.78E, h6km, ml3.2
MOS 19 23:09:46.3, 40.37N:49.09E, h23km, mb3.9/1, Error ellipse: s-maj=16.7km s-min=10.7km az=35.8

TEH 19 23:09:47.6, 40.67N:48.72E, h20km, 4.1km, ML3.3
NNC 19 23:09:51.4, 41.10N:49.30E, h0km, mb3.7, Error ellipse: s-maj=83.7km s-min=38.3km az=112.0

ISC 19 23:09:47.2, 40.58N:0.02, 48.81E, 0.02, h17km, 5km, n91, r171/139, mb3.4/4, 2C-1D, Eastern Caucasus

Table of astronomical observations for ISC station, listing station names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PVAQ Vaqueiros, HFS Hagfors, KONO Kongsberg, etc.

ADC 20:02:02.09.1.0, 12.13N:141.24E, h0km, mb4.0/m, mbmp4.0/6, MS2.9/3, Error ellipse: s-maj=70.4km, s-min=25.0km az=102.0

ISC 20:02:02.09.1.1.0, 12.11N:141.2E, h5.3, h34km, n9, a085/6, mb3.9/6, MS2.8/3, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HJH Hachiojima 2, JNU Nakatsue, WRA Warrunganga Arr, etc.

BJI 20:36:37.9.0.0, 4.14N:128.20E, h141km, mb5.1/65, mb4.9/24

ADC 20:36:41.7.1.8, 4.45N:127.83E, h133km, 15km, mb4.5/24, mbmp4.9/25, MS3.3/15, Error ellipse: s-maj=19.5km, s-min=8.4km az=79.0

NEIC 20:36:41.6.1.7, 4.46N:127.79E, h0.09, h120km, 5km, mb5.1/224, Error ellipse: s-maj=13.3km s-min=8.4km az=73.0

DJA 20:36:41.6.0.3, 4.12N:127.8E, h124km, 3km, M5.0/26, mb4.8/26, mb5.4/13, MLV5.2/12, Mw(mb)4.9/13, MwMwp4.3/1, Mwp4.8/1

MOS 20:36:42.2.0.8, 4.41N:127.78E, h158km, mb5.1/48, Error ellipse: s-maj=3.6km s-min=4.5km az=111.8

ISC 20:02:36:42.1.0.4, 4.46N:103.127.73E, 0.05, h137km, 3km, h137km: p-P, n710, s1915/658, mb5.0/225, 25C-ID, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGSI Sangihe, GAMI Galela, DAV Davao City, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BKSI Bulukumba, EDJI Ende, JAY Jayapura, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, MJAR comp=Z.5.1nm, 0.5s, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like C19K Lookout Ridge, S11K Karluk, S18 Sitkinak Islan, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like M22K Willow, MLY Manley, MLY Manley, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like RAGM Ragged Mountai, BMRM Bremner River, N25K Chitina, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EPYK Eagle Plains, G30M Aoh Zraii Nji, F30M Barrier River, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JTS Las Juntas de, TRQA Torquist, SGSI Sanghie, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ENTT baz=256, NWLT Wulai, NDLT Datong Townshi, etc.

20d 4h

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Res, Time, Res, ISC. Includes stations like R33M Jennings River, M30M Minto, F21K Altna River, etc.

NOU 20 03:58:07.8, 38:35S, 175:02E, h292km, mb3.9/8, North Island, New Zealand
WEL 20 03:58:12.7, 0.7, 39:5S, 175:5E, h254km, 5km, M2.5/24, MLV2.5/24, Error ellipse: s-maj=0.0km s-min=0.0km az=144.1

ISC 20 03:58:07.0, 1.9, 38:58S, 0:07, 175:21E, 0.06, h292km, 11km, n73, 0.1999/93, North Island

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, P, Res, Time, Res, ISC. Lists numerous stations such as HIZ Huiti, WTVZ West Tongariro, NNWZ North Ngauruhoe, etc.

IDC 20 04:09:53.9, 1.2, 10:28N, 56:94E, h0km, mb4.1/15, mtbmp4.1/15, MS3.5/30, Error ellipse: s-maj=29.1km s-min=20.2km az=15.0

NEIC 20 04:10:02.5, 1.9, 11:16N, 0:06, 56:7E, 0.1, h10km, 1km, mb4.6/37, Error ellipse: s-maj=20.5km s-min=6.8km az=250.0

ISC 20 04:09:57.2, 0.8, 10:6N, 0:1, 56:99E, 0:10, 110km, n98, 0:154/70, mb4.5/40, MS3.5/28, 1.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Res, Time, Res, ISC. Includes stations like WSAR Wadi Sarin, ATD Arta Tunnel, MOSEY Mahe Island, etc.

2018 SEP

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, P, Res, Time, Res, ISC. Lists numerous stations such as GNI Garni, BTM Kop Dagi, ARPR Arapir-MALATY, etc.

1330

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Res, Time, Res, ISC. Includes stations like ESDC, KEV Kevo, ARCES ACCESS Array B, etc.

IDC 20 04:48:22.7, 1.0, 2:51S, 139:52E, h0km, mb4.2/8, mtbmp4.2/9, ML4.6/11, MS3.7/4, Error ellipse: s-maj=55.8km s-min=18.5km az=84.0

NEIC 20 04:48:25.5, 1.9, 2:61S, 0:09, 139:37E, 0:10, h10km, 1km, mb4.5/23, Error ellipse: s-maj=20.3km s-min=7.3km az=49.0

DJA 20 04:48:30.9, 2.3, 4:5S, 13:9E, h24km, 23km, M4.6/5, mb4.5/1, mb6.4/1, MLV4.6/5, Mw(MB)6.1/1

ISC 20 04:48:30.2, 0.8, 2:83S, 0:08, 139:20E, 0:09, h50km, n62, 0:235/40, mb4.2/20, MS3.8/8, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Op, P, Res, Time, Res, ISC. Includes stations like GENI Genyem, GENU Genyem, GENI Genyem, etc.

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

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like Chichijima, Minamidaito 2, Hachioji jima 2, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like Yuzh-Sakhalins, Dalian, Mudanjiang, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like MOS, IDC, DJA, NEIC, BUI, GCMT, etc.

20d 4h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ENH Enshi, SBUM Sibiu, DLV T Lat, etc.

2018 SEP

Table with columns for station name, frequency, mode, and signal strength. Includes stations like LZH comp-Z,400nm,1.2s, LZH comp-Z,570nm,4.5s, etc.

1332

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KIWB Kanaga Island, OOD Oodnadatta, KULM Kulim, etc.

SP3A	Saint Paul Isl	51.85	29	P	P	05 04 18.6	-0.1
P08K	Saint George I	51.87	30	P	P	05 04 18.7	-0.1
UNV	Unalaska Valle	52.09	34	P	P	05 04 21.4	+0.9
UNV	Unalaska Valle	52.09	34	P	P	05 04 21.0	+0.5
CAN	Canberra	52.10	177	P	IAMB	05 04 21.2	+0.4
CAN	comp-Z,62nm,0.8s					05 04 23.0	
CAN	Canberra	52.10	177	P	P	05 04 21.4	+0.6
CAN	comp-Z,97nm,1.0s						
CAN	Canberra	52.10	177	P	P	05 04 21.9	+1.1
CAN	Canberra	52.10	177	P	P	05 04 21.2	+0.4
CAN	comp-Z,62nm,0.8s						
CAN	Canberra	52.10	177	P	P	05 04 21.9	+1.1
CAN	Canberra Magne	52.12	176	P	P	05 04 21.5	+0.5
CAN	Canberra Magne	52.12	176	P	P	05 04 21.5	+0.5
LVA	Lava Point	52.48	34	P	P	05 04 24.4	+1.0
BILL	Bilbilino	52.72	10d	P	P	05 04 24.7	-0.2
BILL						05 05 11.6	-2.0
BILL						05 05 34.1	
KIP	comp-Z,79nm,1.5s						
KIP	Kipapa	53.13	76	P	IAMB	05 04 30.0	+1.3
KIP	comp-Z,93nm,0.9s					05 04 32.3	
KIP	Kipapa	53.13	76	P	P	05 04 31.4	+2.7
KIP	Kipapa	53.13	76	P	P	05 04 30.0	+1.3
KIP	comp-Z,93nm,0.9s						
KIP	Kipapa	53.13	76	P	P	05 04 31.0	+2.3
AUSMG	Snowy Mountain	53.17	177	P	P	05 04 29.5	+0.8
KMBL	Kambalda	53.22	206	P	P	05 04 28.0	-1.1
KMBL	Kambalda	53.22	206	P	P	05 04 29.3	+0.3
DHH	Diamond Head	53.35	76	P	P	05 04 33.1	+2.9
DHH	Diamond Head	53.35	76	P	P	05 04 33.1	+2.9
ARPS	Mount Arapiles	53.57	184	P	P	05 04 31.6	+0.2
ARPS	Mount Arapiles	53.57	184	P	P	05 04 32.6	+1.1
MILA	Mila	53.84	177	P	P	05 04 34.1	+0.6
MILA	Mila	53.84	177	P	P	05 04 35.2	+1.7
MORW	Morawa	53.99	212	P	IAMB	05 04 34.8	+0.1
MORW	comp-Z,110nm,1.0s					05 04 35.8	
MORW	Morawa	53.99	212	P	P	05 04 34.7	0.0
MORW	comp-Z,132nm,1.4s						
MORW	Morawa	53.99	212	P	P	05 04 35.2	+0.5
FALS	False Pass	54.15	34	P	P	05 04 37.0	+1.5
FALS	False Pass	54.15	34	P	P	05 04 35.9	+0.4
TOO	Toolangi	54.25	180	P	IAMB	05 04 37.8	+1.4
TOO	Toolangi	54.25	180	P	IAMB	05 04 38.6	
TOO	comp-Z,44nm,0.8s						
TOO	Toolangi	54.25	180	P	P	05 04 37.4	+1.0
TOO	Toolangi	54.25	180	P	P	05 04 38.0	+1.6
TOO	Toolangi	54.25	180	P	P	05 04 37.8	+1.4
TOO	comp-Z,44nm,0.9s						
BRAT	Ballararat	54.26	182	P	P	05 04 37.4	+1.0
GEXS	Deakin Unvers	54.90	181	P	P	05 04 42.0	+1.0
BLDU	Ballidu	54.91	211	P	P	05 04 41.3	0.0
BLDU	Ballidu	54.91	211	P	P	05 04 41.6	+0.3
GAMB	Gambell	55.06	22	P	P	05 04 42.6	+0.8
S12K	Black Hills	55.20	33	P	P	05 04 43.5	+0.5
S12K	Black Hills	55.20	33	P	P	05 04 43.2	+0.1
KLBR	Kellerberrin	55.23	209	P	P	05 04 43.1	-0.4
KLBR	comp-Z,122nm,0.9s						
KLBR	Kellerberrin	55.23	209	P	P	05 04 43.0	-0.5
MHA	Mahukona	55.23	77	P	P	05 04 47.4	+3.6
MHA	Mahukona	55.23	77	P	P	05 04 47.4	+3.6
M11K	Miskoryuk	55.31	27	P	P	05 04 44.0	+0.3
WMQ	Urumqi	55.43	312	eP	P	05 04 46.8	+1.8
WMQ	comp-Z,46nm,1.7s						
WMQ	comp-Z,220nm,5.1s						
SDPT	Sand Point	55.90	34	P	P	05 04 48.4	+0.5
SDPT	Sand Point	55.90	34	P	P	05 04 48.5	+0.9
SDPT	Sand Point	55.90	34	P	P	05 04 48.5	+0.5
KNH	Kane Nui o Ham	56.02	78	P	P	05 04 52.3	+2.7
STCH	Steam Cracks	56.06	78	P	IAMB	05 04 50.0	+0.2
STCH						05 04 53.7	
CNBA	Chernabura Isl	56.20	35	P	IAMB	05 04 50.5	+0.4
CNBA						05 04 52.0	
CHNA	Chernabura Isl	56.20	35	P	P	05 04 52.2	+1.2
CHNA	Chernabura Isl	56.20	35	P	P	05 04 50.7	+0.6
MUN	Mundaring	56.28	210	P	P	05 04 51.2	+0.2
MUN	comp-Z,11nm,1.2s						
M13K	Dall Lake	56.57	28	P	P	05 04 51.6	+0.7
M13K	Dall Lake	56.57	28	P	P	05 04 54.1	+1.6
M13K	Dall Lake	56.57	28	P	P	05 04 54.4	+1.8
NWAO	Narrogin (SRO)	56.58	209	P	IAMB	05 04 53.0	0.0
NWAO	comp-Z,56nm,0.7s					05 04 54.2	
NWAO	Narrogin (SRO)	56.58	209	P	P	05 04 53.1	0.0
NWAO	Narrogin (SRO)	56.58	209	P	P	05 04 53.8	+0.7
NWAO	Narrogin (SRO)	56.58	209	P	P	05 04 53.5	+0.4
NWAO	Narrogin (SRO)	56.58	209	P	P	05 04 53.4	+0.4
NWAO	Narrogin (SRO)	56.58	209	P	P	05 04 53.0	0.0
NWAO	comp-Z,56nm,0.7s						
NWAO	Narrogin (SRO)	56.58	209	P	P	05 04 53.1	0.0
NWAO	Fog Glacier	56.73	33	P	P	05 04 54.4	+0.5
K13K	Kusilivak Mount	56.73	26	P	P	05 04 54.9	+1.1
K13K	Kusilivak Mount	56.73	26	P	P	05 04 55.3	+1.5
DGZ	Jazzartor, Alnta	56.79	319	iP	P	05 04 54.9	+0.3
DGZ	comp-Z,19nm,0.8s						
O14K	Tiguykaiuivt M	57.02	29	P	IAMB	05 04 56.8	+1.0
O14K						05 04 58.1	
O14K	comp-Z,88nm,1.1s						
O14K	Tiguykaiuivt M	57.02	29	P	P	05 04 56.9	+1.2
N14K	Kuskokwak Cree	57.10	28	P	P	05 04 57.6	+1.3
L14K	Kuka Creek	57.28	27	P	P	05 04 58.3	+0.8
L14K	Kuka Creek	57.28	27	P	P	05 04 59.0	+1.5
CHGN	Chignik	57.33	33	P	IAMB	05 04 58.1	+0.2
CHGN	comp-Z,116nm,1.2s					05 04 59.4	
CHGN	Chignik	57.33	33	P	P	05 04 58.3	+0.3
M14K	Bethel	57.34	28	P	P	05 04 59.0	+1.0
M14K	Bethel	57.34	28	P	P	05 04 59.5	+1.6
TNA	Tin City	57.43	21	P	P	05 04 59.3	+0.8
J14K	Nanvaranak Lak	57.58	25	P	IAMB	05 05 00.8	+1.2
J14K						05 05 02.1	
J14K	comp-Z,98nm,0.9s						
J14K	Nanvaranak Lak	57.58	25	P	P	05 05 00.9	+1.3
O15K	Ungalikthiuk R	57.67	30	P	P	05 05 01.6	+1.3
GLAD	Gladstone	57.70	178	P	P	05 05 02.0	+1.3
ANM	Nome	57.79	23	P	IAMB	05 05 01.5	+0.4
ANM	comp-Z,109nm,1.0s					05 05 03.3	
ANM	Nome	57.79	23	P	P	05 05 02.1	+1.0
ANM	comp-Z,239nm,1.2s						
ANM	Nome	57.79	23	P	P	05 05 01.5	+0.4
M15K	Kasigluk River	57.88	28	P	P	05 05 02.6	+0.9
F14K	Arctic Creek	57.93	21	P	P	05 05 03.3	+1.3

N15K	baz=237,SNR=28	57.93	29	P	P	05 05 03.1	+0.9
N15K	Kwethluk River	57.93	29	P	P	05 05 03.6	+1.4
L15K	Kwethluk River	57.93	29	P	P	05 05 02.9	+0.7
L15K	Unalakleet	57.95	27	P	P	05 05 02.9	+0.7
ZSN	Zaisan	58.00	316	eP	P	05 05 02.5	-0.4
ZSN	baz=316	58.00	316	eP	P	05 05 02.5	-0.4
RKGY	Rocky Gully	58.11	208	P	P	05 05 04.1	+0.5
RKGY	comp-Z,117nm,0.8s						
RKGY	Rocky Gully	58.11	208	P	P	05 05 04.4	+1.1
K15K	Wolf Creek Mou	58.20	26	P	P	05 05 05.0	+1.0
K15K	Wolf Creek Mou	58.20	26	P	P	05 05 05.2	+1.2
P16K	Nushagak River	58.49	30	P	P	05 05 07.7	+1.7
P16K	baz=249,SNR=8.8	58.49	30	P	P	05 05 06.6	+0.6
G15K	Niukluk	58.50	23	P	P	05 05 06.6	+0.6
O16K	Kokwok River B	58.64	30	P	P	05 05 07.8	+0.7
O16K	Kokwok River B	58.64	30	P	P	05 05 08.2	+1.1
F15K	North Star Dit	58.65	22	P	IAMB	05 05 07.2	+0.2
F15K	comp-Z,86nm,1.0s					05 05 09.1	
F15K	North Star Dit	58.65	22	P	P	05 05 08.0	+1.0
N16K	Nishik Lake	58.66	29	P	P	05 05 08.6	+1.4
CHIR	Chirikof Islan	58.66	34	P	P	05 05 08.3	+1.1
CHIR	Chirikof Islan	58.66	34	P	P	05 05 09.0	+1.7
CHIR	Chirikof Islan	58.66	34	P	P	05 05 07.8	+0.5
M16K	Timber Creek	58.78	28	P	IAMB	05 05 08.5	+0.4
M16K	comp-Z,80nm,0.8s					05 05 10.3	
M16K	Timber Creek	58.78	28	P	P	05 05 09.2	+1.2
R17L	Mt. Peulik Voi	58.83	32	P	P	05 05 08.5	+0.1
PLK4	Peulik 4	58.83	32	P	IAMB	05 05 08.5	0.0
PLK4	comp-Z,112nm,1.0s					05 05 09.7	
L16K	Ohwah River	58.83	27	P	IAMB	05 05 08.8	+0.5
L16K	comp-Z,51nm,0.8s					05 05 10.2	
L16K	Ohwah River	58.83	27	P	P	05 05 09.0	+0.7
H16K	Elim	59.00	23	P	P	05 05 09.7	+0.5
H16K	baz=242,SNR=12	59.00	23	P	P	05 05 09.3	-0.3
Q16K	King Salmon	59.02	31	P	P	05 05 09.3	-0.3
J16K	Anvik River	59.02	25	P	IAMB	05 05 10.5	+0.9
J16K	comp-Z,84nm,0.8s					05 05 12.2	
J16K	Anvik River	59.02	25	P	P	05 05 11.1	+1.4
O17K	Shalkode	59.02	25	P	P	05 05 11.1	+1.4
O17K	Koliganek Bris	59.18	30	P	P	05 05 12.1	+1.4
O17K	baz=250,SNR=72	59.18	30	P	P	05 05 12.2	+1.0
I17K	Unalakleet	59.25	24	P	P	05 05 12.5	+1.3
I17K	Unalakleet	59.25	24	P	P	05 05 12.5	+1.3
Q17K	Contact Creek	59.27	32	P	P	05 05 11.0	-0.5
Q17K	baz=252,SNR=9.1	59.27	32	P	P	05 05 11.7	+0.1
P17K	Kvichak River	59.30	30	P	P	05 05 11.6	+0.1
P17K	comp-Z,132nm,1.4s						
G16K	Koyuk River	59.31	23	P	P	05 05 11.6	+0.1
G16K	Koyuk River	59.31	23	P	P	05 05 12.0	+0.4
ZAA0	Zalesovo Array	59.37	323	P	P	05 05 11.9	-0.3
ZAA0	Zalesovo Beam	59.37	323	P	P	05 05 10.5	-1.6
ZALV	Zalesovo Beam	59.37	323	P	P	05 05 11.2	-0.9
ZALV	comp-Z,10.0nm,0.7s, baz=103,slow=7.0,SNR=36						
ZALV	comp-Z,3.6nm,0.6s, baz=131,slow=4.3,SNR=4.2						
ZALV	comp-Z,1.0nm,0.7s						
N17K	Nushagak Hills	59.41	29	P	P	05 05 13.7	+1.4
N17K	Nushagak Hills	59.41	29	P	P	05 05 14.1	+1.8
L17K	Donlin	59.41	27	P	P	05 05 14.5	+1.5
JACHA	Angle Creek He	59.53	32	P	P	05 05 12.7	-0.6
M17K	Holitna River	59.61	28	P	P	05 05 15.1	+1.4
M17K	Holit						

Table with columns: ID, Name, Date, Time, Location, Status, Value, and other details. Includes entries like H21K Mezoizina River, RC01 Rabbit Creek, MDOK Medeo, etc.

Table with columns: ID, Name, Date, Time, Location, Status, Value, and other details. Includes entries like B22K Teshekpuk Lake, B22K Teshekpuk Lake, COLD Colof, etc.

Table with columns: ID, Name, Date, Time, Location, Status, Value, and other details. Includes entries like M26K Nabesna, AK, D25K Kavik River, D25K Kavik River, ISLE Juniper Island, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, CHMS, Lg, Residual. Includes stations like Minsk, Mataram, Plangpar, Singaraja, Denpasar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, CHMS, Lg, Residual. Includes stations like Mataram, Plangpar, Singaraja, Denpasar, etc.

SOME 20 05:24:04.0, 39°7'2N, 76°85'E, h10km
NNC 20 05:24:05.7, 0.8, 39°7'7N, 76°82'E, h0km, mb4.3, mpv4.0,
Error ellipse: s-maj=5.7km s-min=4.5km az=172.0
CRNET 20 05:24:05.8, 0.1, 39°7'2N, 76°85E, mb3.5
ISC 20 05:24:09.8, 1.5, 39.929N, 100.077E, h10km, n77,
c1561/114, 25C-7D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, CHMS, Lg, Residual. Includes stations like Naryn, Taragay, Kaysay, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, CHMS, Lg, Residual. Includes stations like Chumysh, Zhnishke, Uzunbulak, etc.

ICD 20 05:29:5.9, 2.2, 66°S, 148°07'E, h0km, mbtp3.6/3,
ML3.5/3, Error ellipse: s-maj=54.2km s-min=30.6km
az=6.0
NOU 20 05:29:25.8, 22°58'S, 148°29'E, h0km, mb3.8/8,
Queensland, Australia
ISC 20 05:29:5.9, 1.5, 22°52'S, 148°25'E, h10km, n13,
c1548/14, Queensland

DJA 20 05:09:21.9, 0.3, 8°S, 5°11'E, h10km, M3.7/8, mb4.0/1,
mB4.5/1, MLV3.5/8, Mw(mb)3.6/1, Mw(Mwp)4.7/1, Mwps5.0/1,
Sumbawa region

NEIC 20 06:36:11.7, 1.2, 4.5; 961N, 0.009; 122.667W, 0.009, h10km, 1km, Error ellipse: s-maj=2.9km s-min=1.8km az=165.0

SEA 20 06:36:12.2, 2.1, 3.5; 954N, 0.010; 122.66W, 0.01, h9km, 4km, ML1.7/21, ML1.8/22(NEIC), Error ellipse: s-maj=1.6km s-min=1.2km az=135.0

PNNSN 20 06:36:12.45, 959N, 122.66W, h9km, MD1.7, Fault plane solution: NP1: 30.00000, 840.00000, lambda.40.00000

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

NEIC 20 06:45:00.8, 1.5, 9.0; 1S, 0.04; 158.20E, 0.06, h10km, 1km, mb5.1/116, Error ellipse: s-maj=11.4km s-min=5.4km az=244.0

GCMT 20 06:45:01.8, 0.2, 9.0; 07S, 0.01; 158.12E, 0.02, h21km, MW5.0/95, Moment Tensor Solution. s58,c74; s95,c143; Duration: 0 Moment tensor: Scale 10^19Nm; Mrr-4.07E-18; Mtheta3.27E-12; Mphi0.80E-12; Mxx-0.85E-20; Mxy-1.93E-08; Mxz-1.86E-23; Best double couple: M0.467600/0.1016 NP1: 30.00000, 858.00000, lambda-73.00000 NP2: 30.28400000, 836.00000, lambda-115.00000 Principal axes: T 4.6480, P1g11.0000, Azm12.0000, N 0.0620, P1g14.0000, Azm304.0000, P -4.7030, P1g72.0000, Azm85.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 20 06:45:03.0, 1.0, 8.8; 9S, 157.95E, h35km, mb5.2/29 Mount ellipse: s-maj=9.8km s-min=8.1km az=95.7

IDC 20 06:45:04.5, 6.2, 8.9; 1S, 158.06E, h33km, 46km, mb4.5/20, mbmp4.7/21, ML4.1/1, MS4.2/17, Error ellipse: s-maj=18.3km s-min=14.1km az=89.0

ISC 20 06:45:02.1, 0.7, 8.9; 4S, 0.05; 158.39E, 0.05, h16km, 4km, mb02.1/36/593, mb5.1/126, ML4.3/24, 13C-11D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations in the Bougainville-Solomon Islands region.

Main table with columns: STA, Charters Tower, 16.09 225, P, Pn, 06 48 44.2, -3.6. Lists numerous seismic stations and their characteristics.

Main table with columns: PSA00, Pilbara Seismi, 39.07 247, P, P, 06 52 30.9, +2.2. Lists numerous seismic stations and their characteristics.

1345

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like HEH, XLT, PZH, CD2, HHC, CASH, BTO, MA2, SEY, GTA, ULN, SDPT, SONM, SHL, YAK, N14K, ZAK, R17L, GAMB, M14K, K13K, N15K, L14K, Q16K, Q17K, M15K, R18K, OHAK, P17K, BILL, N16K, L15K, O17K, Q18K, J14K, M16K, K15K, KDAK, P18K, N17K, L16K, Q19K, O18K, Q20K, M17K.

2018 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like N18K, ANM, TNA, L17K, J16K, J16K, M18K, N19K, K17K, K17K, G15K, I17K, L18K, L18K, O20K, PALK, PALK, J17K, J17K, H16K, KNGR, F15K, BRSE, M19K, M19K, L19K, L19K, G16K, G16K, J18K, J18K, N20K, SPCR, H17K, M20K, L20K, G17K, SEW, O22K, H18K, J19K, J19K, SUA, SUA, SKT, K20K, GCSA, RC01, F17K, F17K, PPLA, M22K, P23K, G18K, G18K, QSPA, QSPA, QSPA, E17K, Q23K, PWL, J20K, J20K, C16K, D17K, PMR, F18K, H19K, H19K, H19K, I20K, RDOG, CHUM, GLI, E18K, G19K, G19K, SML, FID, FID, C17K, KTH, KTH, H20K, M23K, F19K, F19K.

2050 6h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like F19K, EYAK, SCM, SCM, BPAW, BPAW, KAIM, WAT1, WAT6, C18K, KLU, WMQ, WMQ, WMQ, IMAR, E19K, E19K, E19K, H21K, MCK, F20K, BMRM, M24K, M24K, BWN, TIXI, TIXI, BGLC, DHY, MLY, MLY, MLY, B18K, G21K, G21K, G21K, N25K, D19K, NEA2, NEA2, NEA2, C19K, H22K, CRQE, HARP, GLB, GLB, I23K, E20K, F21K, F21K, F21K, PAX, MCARA, CCB, CCB, D20K, COLA, H23K, HDA, G22K, K24K, MAW, MAW, MAW, ILAR, F22K, POKR, CTG, CTG, CTG, M26K, M26K, E21K, RIDG, G23K, PNL, H24K, L26K, C21K, COLD, B20K, J25K, J25K, J25K, O28M, E22K, M27K, M27K.

Table with columns: Station ID, Name, Time, Status, and other data. Includes stations like RK1H, VLAKA, KOUNC, etc.

Table with columns: Station ID, Name, Time, Status, and other data. Includes stations like RTZ, THZ, TCW, etc.

Table with columns: Station ID, Name, Time, Status, and other data. Includes stations like XLT, HHC, HHC, etc.

20d 7h

M14K	Bethel	75.84	21	P	P	07 17 12.6 +0.1
M14K	Bethel	75.84	21	P	P	07 17 13.1 +0.6
L14K	Kuka Creek	76.00	20	P	P	07 17 13.7 +0.4
L14K	Kuka Creek	76.00	20	P	P	07 17 13.9 +0.6
R17L	Mt. Peulik Vol	76.01	25	P	P	07 17 13.8 +0.2
PLK4	Peulik 4	76.02	25	P	P	07 17 13.9 +0.2
N15K	Kwethluk River	76.13	22	I	Amb	07 17 14.8 +0.6
N15K	comp-Z, 4.6nm, 1.0s	76.13	22	P	P	07 17 15.0 +0.8
P16K	Nushagak River	76.21	24	P	P	07 17 15.0 +0.4
M15K	Kasigliuk River	76.26	22	P	P	07 17 15.4 +0.5
SII	Sitkinak Island	76.33	27	P	P	07 17 15.6 +0.2
O16K	Kokwok River B	76.53	23	P	P	07 17 15.9 +0.5
O16K	Kokwok River B	76.53	23	P	P	07 17 16.1 +0.3
Q16K	King Almon	76.53	25	P	P	07 17 15.8 -0.7
Q17K	Contact Creek	76.60	25	P	P	07 17 16.6 -0.4
L15K	Ungalak Mounta	76.64	21	P	P	07 17 17.4 +0.3
J14K	Nanvaranak Lak	76.69	19	P	P	07 17 18.5 +1.2
R18K	Karluk	76.80	26	P	P	07 17 18.9 +0.9
N16K	Nishliuk Lake	76.83	22	P	P	07 17 19.2 +1.0
P17K	Kvichak River	76.94	24	P	P	07 17 17.9 -0.9
WMQ	Urumqi	77.00	318	eP	pmx	07 17 20.3 +0.7
HYB	Hyderabad	77.03	289	eP	pmx	07 17 18.8 -1.4
O17K	Koligansk-Bris	77.03	23	P	P	07 17 19.3 -0.0
K15K	Wolf Creek Mou	77.05	20	P	P	07 17 20.4 +1.1
M16K	Timber Creek	77.11	22	P	P	07 17 19.8 0.0
M16K	Timber Creek	77.11	22	P	P	07 17 20.7 +1.0
OHAK	Old Harbor	77.12	27	P	I	07 17 20.1 +0.3
OHAK	Old Harbor	77.12	27	P	I	07 17 20.1 +0.3
OHAK	Old Harbor	77.12	27	P	I	07 17 20.1 +0.3
Q18K	Katmai Hardscr	77.20	25	P	P	07 17 20.1 -0.3
L16K	Owhat River	77.38	21	P	I	07 17 20.9 -0.3
L16K	Owhat River	77.38	21	P	I	07 17 21.9
L16K	Owhat River	77.38	21	P	P	07 17 21.6 +0.5
ANM	Nome	77.45	17	P	P	07 17 22.0 +0.5
ANM	Nome	77.45	17	P	P	07 17 22.4 +0.9
ANM	Nome	77.45	17	P	P	07 17 22.0 +0.5
N17K	Nushagak Hills	77.47	23	P	I	07 17 22.6 +0.9
N17K	Nushagak Hills	77.47	23	P	I	07 17 22.6 +0.9
N17K	Nushagak Hills	77.47	23	P	I	07 17 22.6 +0.9
TNA	Tin City	77.48	16	P	P	07 17 21.8 +0.2
P18K	Big Mountain,	77.55	24	P	I	07 17 21.4 -0.8
P18K	Big Mountain,	77.55	24	P	I	07 17 21.5 -0.8
KDAK	Kodiak Island	77.75	27	P	I	07 17 23.2 -0.1
KDAK	Kodiak Island	77.75	27	LR	LR	07 17 24.6
KDAK	Kodiak Island	77.75	27	P	I	07 17 23.3 -0.1
KDAK	Kodiak Island	77.75	27	P	I	07 17 23.3 -0.1
O18K	Koktuk Hills	77.84	24	P	P	07 17 23.4 -0.4
F14K	Arctic Creek	77.85	16	P	P	07 17 24.5 +0.7
M17K	Holitna River	77.92	22	P	I	07 17 25.2 +0.9
M17K	Holitna River	77.92	22	P	I	07 17 25.6 +1.4
Q19K	Cape Douglas,	77.94	25	P	P	07 17 24.3 -0.2
J16K	Anvik River	78.04	20	P	P	07 17 26.2 +1.4
N18K	Kilae Creek	78.07	23	P	P	07 17 25.4 +0.3
N18K	Kilae Creek	78.07	23	P	P	07 17 26.1 +1.0
L17K	Donlin	78.08	21	P	P	07 17 26.1 +1.0
G15K	Niukuk	78.16	17	P	P	07 17 25.9 +0.5
Q20K	Shuyak Island	78.30	26	P	P	07 17 26.6 +0.2
I17K	Unalakleet	78.42	19	P	P	07 17 28.1 +1.2
SVW2	Sparrevohn	78.44	23	P	I	07 17 28.0 +0.8
SVW2	Sparrevohn	78.44	23	P	I	07 17 29.3
SVW2	Sparrevohn	78.44	23	P	P	07 17 29.1 +1.9
H16K	Elim	78.44	18	P	P	07 17 27.8 +0.7
K17K	Iditarod	78.45	21	P	I	07 17 27.2 +0.1
K17K	Iditarod	78.45	21	P	I	07 17 27.4
K17K	Iditarod	78.45	21	P	I	07 17 28.0 +0.8
F15K	North Star Dit	78.50	17	P	P	07 17 28.0 +0.7
P19K	Oil Pt	78.53	25	P	P	07 17 27.6 -0.1
M18K	Stony River	78.59	22	P	P	07 17 29.0 +1.1
J17K	VABM Dome	78.63	20	P	P	07 17 29.5 +1.4
N19K	Bonanza Creek	78.70	23	P	P	07 17 29.0 +0.3
L18K	Granite Mounta	78.72	22	P	P	07 17 29.9 +1.3
G16K	Koyuk River	78.94	18	P	P	07 17 30.8 +1.0
O20K	Slope Mountain	79.03	25	P	P	07 17 30.1 -0.4
HOM	Homer	79.20	25	P	P	07 17 31.8 +0.5
CNP1	China Pool	79.30	25	P	P	07 17 32.2 +0.3
L19K	White Mountain	79.37	22	P	P	07 17 33.2 +0.9
H17K	Granite Mounta	79.38	19	P	P	07 17 33.2 +1.0
M19K	Big River Lodg	79.38	23	P	P	07 17 33.5 +1.2
J18K	Innoko River	79.49	21	P	P	07 17 33.3 +0.5
G17K	Kiwalik Mounta	79.53	18	P	P	07 17 34.0 +1.0
BRSE	Bradley Lake S	79.63	25	P	P	07 17 33.7 0.0
N20K	Mount Spurr	79.83	24	P	P	07 17 33.7 -1.1
SPCR	Gurr Chakacha	79.83	24	P	P	07 17 33.6 -1.2
M20K	Styx River	79.85	23	P	I	07 17 34.9 0.0
M20K	Styx River	79.85	23	P	I	07 17 36.6
M20K	Styx River	79.85	23	P	P	07 17 35.5 +0.5
L20K	Farewell, AK	79.92	22	P	P	07 17 36.1 +0.9
F17K	Baldwin Penin	80.00	17	P	P	07 17 36.3 +0.8

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H18K	Honhosa River	80.02	19	P	P	07 17 35.7 +0.1
CAPN	Captain Cook N	80.02	24	P	P	07 17 35.5 -0.2
ZSN	Zaisan	80.18	320	eP	P	07 17 36.3 -0.7
ZSN	Zaisan	80.18	320	eP	P	07 17 36.3 -0.7
J19K	Poorman	80.20	21	P	I	07 17 37.5 +0.9
J19K	Poorman	80.20	21	P	I	07 17 37.5 +0.9
C16K	Lisburne Hills	80.20	15	P	I	07 17 36.1 -0.4
C16K	Lisburne Hills	80.20	15	P	I	07 17 38.3
C16K	Lisburne Hills	80.20	15	P	P	07 17 36.8 +0.2
GCSA	Galena City Sc	80.24	20	P	P	07 17 37.5 +0.7
E17K	Hoatham Inlet	80.28	16	P	P	07 17 37.8 +0.8
K20K	Telida	80.36	21	P	P	07 17 38.5 +0.9
D17K	Noatak River	80.37	16	P	P	07 17 38.4 +0.9
SEW	Seward	80.37	25	P	P	07 17 37.8 +0.2
G18K	Tagagawik	80.41	18	P	I	07 17 38.4 +0.6
G18K	Tagagawik	80.41	18	P	I	07 17 39.4
G18K	Tagagawik	80.41	18	P	P	07 17 37.8 +0.1
O22K	Cooper Landing	80.46	25	P	P	07 17 37.5 -0.6
O22K	Cooper Landing	80.46	25	P	P	07 17 38.3 +0.2
SKT	Skvertna	80.53	23	P	P	07 17 37.1 -1.4
SUA	Susitna One	80.56	24	P	P	07 17 38.1 -0.7
F18K	Selawik	80.58	17	P	P	07 17 38.9 +0.3
FIS	Fire Island	80.60	24	P	P	07 17 38.7 -0.1
RDOG	Red Dog Mine	80.67	15	P	I	07 17 39.2 +0.1
RDOG	Red Dog Mine	80.67	15	P	I	07 17 42.1
RDOG	Red Dog Mine	80.67	15	P	P	07 17 39.8 +0.7
RDOG	Rabbit Creek A	80.77	25	P	P	07 17 39.6 -0.2
PPLA	Purkypile	80.80	22	P	P	07 17 39.4 -0.7
J20K	Nowinta River	80.83	21	P	P	07 17 41.0 +1.0
E18K	Tukpahleark C	80.86	17	P	P	07 17 40.5 +0.4
E18K	Tukpahleark C	80.86	17	P	P	07 17 40.6 +0.5
H19K	Roundabout Mou	80.87	19	P	P	07 17 40.7 +0.5
C17K	Delong Mountai	80.90	15	P	P	07 17 40.9 +0.6
M22K	Willow	80.97	24	P	P	07 17 40.3 -0.5
G19K	Purcell Mounta	81.06	18	P	P	07 17 41.9 +0.7
I20K	Naaghedeneel	81.08	20	P	P	07 17 42.5 +1.1
P23K	Montague Isla	81.20	26	P	P	07 17 42.5 +0.4
PWL	Port Wells	81.24	25	P	P	07 17 42.6 +0.2
CUT	Chulitna	81.26	23	P	P	07 17 41.5 -0.9
PMR	Palmer	81.29	24	P	P	07 17 43.1 +0.6
PMR	Palmer	81.29	24	P	P	07 17 42.2 -0.3
F19K	Shalerukrik Mo	81.29	18	P	P	07 17 42.7 +0.3
CHUM	Lake Minchumim	81.31	21	P	P	07 17 43.0 +0.4
H20K	Anotleneega Mo	81.37	20	P	P	07 17 43.5 +0.6
Q23K	Middleton Isla	81.39	27	P	P	07 17 43.5 +0.4
KNK	Knik Glacier	81.47	25	P	I	07 17 42.9 -0.6
KNK	Knik Glacier	81.47	25	P	I	07 17 45.7
KNK	Knik Glacier	81.47	25	P	P	07 17 43.6 0.0
C18K	Utukok River	81.54	15	P	P	07 17 44.0 +0.2
MK31	Makanchi Arroy	81.61	319	eP	P	07 17 43.9 -0.7
MK31	Makanchi Arroy	81.61	319	eP	P	07 17 44.0 -0.7
MKAR	Makanchi Arroy	81.61	319	eP	P	07 17 44.1 -0.5
SML	Sawmill	81.72	24	P	P	07 17 45.0 +0.1
GLI	Glacier Island	81.77	25	P	P	07 17 45.3 +0.2
E19K	Redstone River	81.86	17	P	I	07 17 45.9 +0.4
E19K	Redstone River	81.86	17	P	I	07 17 46.4 +0.9
B18K	Kolik River	81.88	15	P	P	07 17 46.1 +0.5
BPBW	Bear Paw Mtn.	81.92	22	P	P	07 17 45.3 -0.6
M23K	Glacier View	81.97	24	P	P	07 17 46.2 +0.1
F20K	Avarart Lake	82.05	18	P	P	07 17 47.0 +0.6
SCM	Sheep Creek Mo	82.15	24	P	P	07 17 47.5 +0.4
H21K	Melozitna Riv	82.16	20	P	P	07 17 47.6 +0.5
WAT1	Susitna Watana	82.16	23	P	P	07 17 46.6 -0.5
EYAK	Cordova Ski Ar	82.19	26	P	P	07 17 49.4 +2.1
EYAK	Cordova Ski Ar	82.19	26	P	P	07 17 47.6 +0.3
D19K	Kuna River	82.28	16	P	P	07 17 47.8 +0.1
C19K	Lookout Ridge	82.28	16	P	I	07 17 48.0 +0.3
C19K	Lookout Ridge	82.28	16	P	I	07 17 50.0
C19K	Lookout Ridge	82.28	16	P	P	07 17 48.5 +0.9
RND	Reindeer	82.34	23	P	I	07 17 46.8 -1.4
RND	Reindeer	82.34	23	P	I	07 17 48.6
RND	Reindeer	82.34	23	P	P	07 17 46.8 -1.4
RND	Reindeer	82.34	23	P	P	07 17 46.8 -1.4
WAT6	Susitna Watana	82.36	24	P	P	07 17 48.2 -0.2
SHLS	Shalkode	82.43	315	eP	P	07 17 46.5 -2.7
SHLS	Shalkode	82.43	315	eP	P	07 17 46.4 -2.7
G21K	Allakaket	82.43	19	P	I	07 17 48.8 +0.3
G21K	Allakaket	82.43	19	P	I	07 17 50.1
G21K	Allakaket	82.43	19	P	P	07 17 48.6 +0.2
MCK	McKinley	82.48	22	P	P	07 17 48.2 -0.6
KAIM	Kay Island	82.49	27	P	P	07 17 49.8 +0.9
MLY	Manley	82.52	21	P	I	07 17 48.4 -0.6
MLY	Manley	82.52	21	P	I	07 17 50.2
MLY	Manley	82.52	21	P	P	07 17 49.0 0.0
KLU	Klutina	82.57	25	P	P	07 17 49.8 +0.4
ZALV	Zalesovo Beam	82.58	326	P	P	07 17 47.8 -1.6
A19K	Wainwright	82.65	14	P	P	07 17 50.1 +0.6
E20K	Nigu River	82.67	17	P	P	07 17 50.4 +0.6
UZYB	Uzynbulak	82.74	315	eP	P	07 17 49.1 -1.7
UZYB	Uzynbulak	82.74	315	eP	P	07 17 49.1 -1.7
UZYB	Uzynbulak	82.74	315	eP	P	07 17 49.1 -1.7

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UZYB	Uzynbulak	82.74	315	eP	P	07 17 49.9 -0.9
UZYB	Uzynbulak	82.74	315	eP	P	07 17 49.9 -0.9
DHY	Denali Highway	82.75	23	P	S	07 28 09.3 +2.5
M24K	Tolsona, Glenn					

KUU	Kurty	84.81 315 eP	P	07 18 00.4 -0.8
KUU	Kurty	84.81 315 eP	Pmax	07 18 00.4 -0.8
F24K	Squaw Lake	84.83 19 P	P	07 18 01.5 +0.7
TOLK	Tookik Lake	84.88 18 P	P	07 18 01.7 +0.6
H25L	Birch Creek	84.91 21 P	P	07 18 01.7 +0.6
J26L	Joseph Creek	84.92 23 P	P	07 18 01.6 +0.2
E24K	Your Creek	84.92 19 P	P	07 18 01.7 +0.4
L27K	Beaver Creek	84.99 25 P	IAMB	07 18 02.0 +0.4
L27K	Beaver Creek	84.99 25 P	IAMB	07 18 02.3 +0.6
BCAR	Beaver Creek A	85.00 25 P	P	07 18 01.7 0.0
YUK3	Moose Creek	85.04 26 P	P	07 18 02.7 +0.5
G25K	Bearman Lake	85.05 20 P	P	07 18 02.3 +0.5
TKM2	Tokmak 2	85.11 314 P	P	07 18 03.3 +0.3
KURK	Kurchatov	85.11 322 P	IAMB	07 18 00.8 -1.7
KURK	Kurchatov	85.11 322d/P	IAMB	07 18 01.2 -1.3
KURK	Kurchatov	85.11 322d/P	Pmax	07 18 01.2 -1.3
KURRB	Kurchatov Arra	85.14 322 P	P	07 18 01.6 -1.1
YUK8	Steele Glacier	85.15 27 P	P	07 18 04.0 +1.2
C23K	Ikilik River	85.23 17 P	P	07 18 03.5 +0.9
FYU	Fort Yukon	85.26 21 P	P	07 18 03.0 +0.1
K27K	Chicken	85.30 24 P	P	07 18 04.2 +1.0
O29M	Mount Kennedy	85.31 28 P	P	07 18 04.6 +1.1
D24K	Happy Valley	85.39 18 P	P	07 18 04.4 +1.0
I26K	Coal Creek Min	85.44 22 P	P	07 18 03.5 -0.3
P29M	Windy Craggy	85.46 29 P	P	07 18 05.0 +0.9
F25K	Christian River	85.61 20 P	P	07 18 05.5 +0.8
S31K	Pelican	85.61 30 P	P	07 18 05.8 +1.0
YUK6	Outpost Mounta	85.65 27 P	P	07 18 06.2 +1.0
YUK4	Talbot Arm	85.67 27 P	P	07 18 06.7 +1.3
C24K	Franklin Bluff	85.72 17 P	P	07 18 05.9 +0.8
CHMS	Chumysh	85.73 314 P	P	07 18 05.8 -0.1
UHT	Uchto	85.73 314 P	P	07 18 07.0 +0.6
SIT	Sitka	85.78 31 P	P	07 18 06.4 +0.8
AAK	Ala-Archa	85.83 314 P	P	07 18 06.5 -0.1
AAK	Ala-Archa	85.83 314d/P	Pmax	07 18 06.9 +0.4
SGDS	Sogindy	85.92 314 eP	P	07 18 06.2 -0.7
SGDS	Sogindy	85.92 314 eP	P	07 18 06.1 -0.7
G26K	Porcupine River	85.95 21 P	P	07 18 07.5 +1.2
USP	Ospenovka	85.97 314 P	P	07 18 07.0 0.0
EGAK	Eagle	85.97 23 P	P	07 18 06.9 +0.4
HYT	Haines Junctio	86.00 27 P	P	07 18 06.7 -0.2
HYT	Haines Junctio	86.00 27 P	P	07 18 08.0 +1.1
P30M	Million Dollar	86.00 28 P	P	07 18 07.9 +1.1
R31K	City Hill, Gus	86.01 30 P	P	07 18 07.6 +0.8
PLBC	Pleasant Camp	86.05 29 P	P	07 18 07.7 +0.7
I27K	Kandik River	86.14 22 P	P	07 18 08.1 +0.7
M29M	Somme Creek	86.16 26 P	P	07 18 08.3 +0.6
F26K	Sheenik River	86.17 20 P	P	07 18 08.3 +0.9
D25K	Kavik River	86.22 18 P	P	07 18 08.0 +0.2
S32K	Killsnoo	86.30 31 P	P	07 18 09.2 +1.0
EK2S	Erkin-Say	86.36 313 P	P	07 18 09.2 +0.2
DAWY	Dawson	86.39 24 P	P	07 18 09.6 +0.9
N30M	Aishikik Lake	86.41 27 P	P	07 18 09.8 +1.0
H27K	Steamboat Moun	86.44 22 P	P	07 18 09.7 +0.8
CRAC	Craig	86.46 33 P	P	07 18 10.5 +1.4
CRAC	Craig	86.46 33 P	P	07 18 10.2 +1.1
L29M	L29M	86.55 25 P	P	07 18 10.5 +1.0
SKAG	Skagway	86.55 29 P	IAMB	07 18 09.8 +0.4
SKAG	Skagway	86.55 29 P	IAMB	07 18 11.6
SKAG	Skagway	86.55 29 P	P	07 18 10.7 +1.3
SKAG	Skagway	86.55 29 P	P	07 18 10.5 +1.1
R32K	Eaglecrest	86.58 30 P	P	07 18 10.5 +0.9
O30N	Mendenhall	86.63 28 P	P	07 18 10.6 +0.7
G27K	Doyon Strip	86.64 21 P	P	07 18 10.7 +0.8
U33K	Whale Pass	86.65 33 P	P	07 18 10.8 +0.8
ARSB	Arslanbob	86.66 312 P	P	07 18 10.1 -0.5
ARSB	Arslanbob	86.66 312 P	Pmax	07 18 10.1 -0.5
BTLS	Baital	86.68 316 eP	P	07 18 09.7 -0.8
BTLS	Baital	86.68 316 eP	P	07 18 09.6 -0.8
I28M	Miner Creek	86.72 33 P	P	07 18 10.8 +0.5
M30M	Ninto, Yukon	86.93 26 P	P	07 18 12.1 +0.7
T33K	Petersburg	86.94 32 P	P	07 18 12.4 +1.1
C26K	Camden Bay	86.96 18 P	P	07 18 12.8 +1.6
N31M	Braeburn, Yuko	87.01 27 P	P	07 18 12.8 +1.0
J29N	Klondike Camp	87.01 24 P	P	07 18 12.9 +1.2
K29M	Barlow Dome	87.07 25 P	P	07 18 12.1 0.0
K29M	Barlow Dome	87.07 25 P	P	07 18 13.1 +1.0
WHY	Whitehorse	87.15 28 P	P	07 18 13.2 +0.6
C27K	Jago River	87.18 18 P	P	07 18 13.4 +1.0
E27K	Coleen River	87.25 20 P	P	07 18 13.6 +0.9
V35K	Ketchikan	87.25 34 P	P	07 18 13.3 +0.4
V35K	Ketchikan	87.25 34 P	P	07 18 13.7 +0.8
P32M	Atlin	87.38 29 P	P	07 18 14.2 +0.7
NRIK	Norik	87.60 341 P	P	07 18 13.2 -1.1
F28M	Old Crow	87.61 21 P	P	07 18 14.9 +0.5
H29M	Whitestone	87.61 22 P	P	07 18 15.2 +0.7

MAYO	Mayo, Yukon	87.67 25 P	P	07 18 15.9 +1.1
J30M	Hart River	87.82 24 P	P	07 18 16.0 +0.3
J30M	Hart River	87.82 24 P	P	07 18 16.6 +0.9
M31M	Drury Creek, Y	87.86 27 P	P	07 18 16.1 +0.3
D27M	Malcolm River	87.90 19 P	P	07 18 16.7 +0.8
Q32M	Nakina River	87.90 30 P	P	07 18 17.1 +0.8
P33M	Teslin, Yukon	87.99 29 P	P	07 18 16.9 +0.3
G29M	Pin Creek	88.00 22 P	P	07 18 16.7 +0.4
I30M	Mount Dempster	88.02 23 P	P	07 18 16.9 +0.2
E28M	Babbage River	88.11 20 P	P	07 18 17.4 +0.6
N32M	Quiet Lake	88.14 28 P	P	07 18 18.2 +1.0
DZA	Taraz	88.17 313 eP	P	07 18 16.8 -0.9
DZA	Taraz	88.17 313 eP	Pmax	07 18 16.8 -0.9
S34M	Telegraph Cree	88.19 31 P	P	07 18 18.8 +1.3
U35K	Hyder	88.27 33 P	P	07 18 18.2 +0.4
EPYK	Eagle Plains	88.29 22 P	P	07 18 18.2 +0.4
FARO	Faro, Yukon	88.34 27 P	P	07 18 18.6 +0.5
T35M	Bob Quinn	88.42 32 P	P	07 18 19.6 +1.0
E29M	Blow River	88.59 20 P	P	07 18 19.1 +0.1
BRZS	Berezni	88.63 320 eP	P	07 18 19.3 -0.4
BRZS	Berezni	88.63 320 eP	P	07 18 19.3 -0.4
D28M	Stokes Point	88.66 19 P	P	07 18 19.2 -0.1
R33M	Jennings River	88.67 30 P	P	07 18 20.9 +1.1
G30M	Crail Nji	88.69 22 P	P	07 18 19.8 +0.2
DLBC	Dease Lake	88.89 31 P	IAMB	07 18 21.4 +0.6
DLBC	Dease Lake	88.89 31 LR	IAMB	07 18 23.2
DLBC	Dease Lake	88.89 31 LR	LR	07 50 07.1
DLBC	Dease Lake	88.89 31 P	P	07 18 21.8 +1.0
H31M	Peel River	89.02 23 P	P	07 18 21.5 +0.3
F30M	Barrier River	89.06 21 P	P	07 18 21.6 +0.2
BRLS	Boroday	89.27 313 eP	P	07 18 22.8 -0.1
BRLS	Boroday	89.27 313 eP	P	07 18 22.7 -0.1
G31M	Satah River	89.39 22 P	P	07 18 23.1 +0.3
F31M	Tsigitchic	89.75 22 P	P	07 18 24.4 -0.1
CBB	Campbell River	89.77 40 P	IAMB	07 18 24.9 -0.1
CBB	Campbell River	89.77 40 P	IAMB	07 18 26.4
INK	Inuvik	90.09 21 P	P	07 18 26.1 0.0
YBH	Yreka Blue Hor	90.24 48 LR	LR	07 52 02.8
TGTM	Hyland Airport	90.48 28 P	P	07 18 28.9 +0.8
BVAR	Borovoye Array	90.61 323 P	P	07 18 27.1 -1.8
LIRD	Lia River Hi	91.10 30 P	P	07 18 31.5 +0.5
TOAD	Toad River Com	91.43 31 P	P	07 18 32.7 +0.2
J05D	Fort Rock, OR	91.54 47 P	IAMB	07 18 34.0 +0.4
J05D	Fort Rock, OR	91.54 47 P	IAMB	07 18 35.3
MPK	Martis Peak	91.95 51 P	P	07 18 35.6 -0.1
MPK	Martis Peak	91.95 51 P	IAMB	07 18 37.9
KOTAN	Kotaneeloe Air	92.24 30 P	P	07 18 36.7 +0.4
PAHR	Pah Rah Range	92.49 50 P	IAMB	07 18 38.0 -0.1
PAHR	Pah Rah Range	92.49 50 P	IAMB	07 18 39.8
WRGLY	Wrigley	93.00 27 P	P	07 18 39.7 +0.1
LHV	Little Huntton	93.02 52 P	IAMB	07 18 41.0 +0.7
LHV	Little Huntton	93.02 52 P	IAMB	07 18 43.2
HAWA	Hanford	93.11 44 P	P	07 18 40.6 0.0
HAWA	Hanford	93.11 44 P	IAMB	07 18 42.0
NVAR	Minna Array Bea	93.19 52 P	P	07 18 42.5 +1.0
KVN	Kaisererville	93.41 51 P	P	07 18 42.8 +0.4
KVN	Kaisererville	93.41 51 P	IAMB	07 18 44.1
KVN	Kaisererville	93.41 51 P	P	07 18 42.8 +0.4
C36M	Paulutk	93.67 21 P	P	07 18 42.1 -0.5
A36M	Sachs Harbour	93.71 18 P	P	07 18 42.5 -0.2
MZP	Montezuma Peak	93.84 53 P	IAMB	07 18 44.6 +0.4
MZP	Montezuma Peak	93.84 53 P	IAMB	07 18 46.4
RPN	Rapa Nui	94.04 118 LR	LR	07 51 58.4
PFO	Pinyon Flats O	94.23 57 LR	LR	07 53 09.8
TPFO	Pion Flats	94.23 57 P	P	07 18 45.8 -0.5
NEW	Newport	94.92 42 LR	LR	07 53 47.9
ELIB	Princess Elisa	95.11 194 eP	P	07 18 49.0 -0.5
R11K	Troy Canyon, C	95.31 52 P	P	07 18 50.5 -0.7
Elko	Elko	95.74 50 LR	LR	07 56 34.1
Q12A	Willow Creek R	95.95 51 P	P	07 18 54.3 +0.3
Q12A	Willow Creek R	95.95 51 P	IAMB	07 18 56.0
EDM	Edmonton	97.53 37 P	P	07 19 00.5 -0.2
EDM	Edmonton	97.53 37 P	Pmax	07 19 00.5 -0.2
TROLL	Troll, Antarti	99.22 189 P	Pdf	07 19 07.2 -0.9
PDAR	Pinedale Array	100.05 48 P	P	07 19 12.0 -0.5
PDAR	Pinedale Array	100.05 48 P	P	07 23 18.6 +0.6
121A	Cookes Peak D	101.45 58 P	Pdf	07 19 18.6 -0.2
VNA2	Neumayer-Watz	101.55 187 P	Pdf	07 19 16.8 -1.4
S22A	AUR Ranch, Ore	102.20 53 P	Pdf	07 19 22.0 -0.3
N23A	Red Feather La	102.79 50 P	Pdf	07 19 24.7 -0.1
TXAR	Lajlas Array	105.00 61 PKIKP	PKIKP	07 23 50.0 +0.6
833A	Chaparral MWA	108.78 62 P	PKIKP	07 23 55.7 -0.7
AKAS	Main Array B	115.88 324 PP	PP	07 25 11.3 -1.6
L44A	Lake County Fo	115.95 46 P	PKPpdf	07 24 09.4 -0.2
PLCA	Paso Flores	118.41 144 PKP	PKPpdf	07 24 14.4 -0.1
O48B	Farmland	118.48 48 P	PKPpdf	07 24 13.7 -0.8
P49A	Miami Univ. Ec	119.01 48 P	PKPpdf	07 24 15.4 -0.2
SCHO	Schefferville	122.37 26 PKP	PKPpdf	07 24 20.2 -1.4
CLL	Colim	124.35 331 ePKPpdf	PKIKP	07 24 26.0 +0.2

GERES	GERESS Array B	125.51 328 PKP	PKPpdf	07 24 27.3 -0.7
L61B	Northampton	126.31 41 P	PKPpdf	07 24 28.9 -0.7
M65A	Bushy Falout	128.07 41 P	PKPpdf	07 24 32.6 -0.2
ROSC	EI Rosal	133.13 89 PKP	PKIKP	07 24 44.5 -0.5
LPZA	La Paz	133.61 120 PKIKP	PKPpre	07 24 33.5
LPZA	La Paz	133.61 120 PKIKP	PKP	07 24 45.7 -0.4
LPZA	La Paz	133.61 120 PKIKP	SKPab	07 28 15.5 +1.8
CPUP	Villa Florida	136.18 139 PKP	PKPpdf	07 24 49.0 +0.3
CPUP	Villa Florida	136.18 139 PKIKP	PKPpdf	07 24 49.0 +0.3
ESDC	Seneca Array	140.94 331 PKP	PKPpdf	07 24 58.3 +1.2
ESDC	Seneca Array	140.94 331 PKP	PP	07 27 54.7 -2.3
PSMG	Mucurapo Girls	145.86 81 eP	PKPpdf	07 25 07.4 -1.6
PSMG	Mucurapo Girls	145.87 76 eP	PKPpdf	07 25 06.0 -0.3
PSKH	Kent House	145.87 81 eP	PKPpdf	07 25 07.3 -0.1
PSQG	Port of Spain	145.89 81 eP	PKPpdf	07 25 05.3 -1.0
SVT	Saint Vincent	145.89 76 eP	PKPpdf	07 25 05.3 -1.0
SVTC	Richmond Hill	145.91 76 eP	PKPpdf	07 25 06.0 -0.4
BDFB	Brasilia	149.84 37 PKP	PKPpdf	07 25 13.6 +0.5
BDFB	Brasilia	149.84 37 PKP	PKPbc	07 25 18.1 +0.3
TORD	Tordi Ar. Bea	150.77 285 PKP	PKPpdf	07 25 13.1 -1.2
TORD	Tordi Ar. Bea	150.77 285 PKP	PKPbc	07 25 18.9 -1.1
DBIC	Dimbo	157.76 272 P	PKPab	07 25 56.2 -0.6
DBIC	Dimbo	157.76 272 P	PKPab	07 25 56.2 -0.6

IDC 2007:14:16.3:3.4,34.78Sx178.84W,h0km,mb4,1/2, mbtmp4,1/3,ML3.9/1, Error ellipse: s-maj=78.3km s-min=37.2km az=123.0
 NEIC 2007:14:19.7:1.0,34.78Sx0.0:4.179:1W:0.1,h10km,2km, mb4,3/9, Error ellipse: s-maj=20.6km s-min=4.3km
 WEL 2007:14:21.0:0.9,35.5Sx8.5W:1.1,h33km,MA,2/14, mB4.8/2,ML4.3/2,MLV4.2/14,Mw(mB)4.1/2, Error ellipse: s-maj=0.8km s-min=0.2km az=120.7
 ISC 2007:14:22.1:0.9,34.83Sx0.07:178.87W:0.09,h42km,n51, r126/65,mb4.0/5, South of Kermadec Islands az=77.0

Code	Station Name	Δ°	AZ°	Phase ID
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CN2	Changchun	13.87 292	eP	Pn	07 47 39.8 +1.1
CN2			eS	Sn	07 50 12.8 +1.3
CN2			eSS	S	07 50 28.9 -3.9
CN2	comp=N,380nm,14.0s		LR	LR	
CN2	comp=N,360nm,14.0s		LR	LR	
CN2	comp=N,370nm,15.0s		LR	LR	
HEH	Heihe	15.27 318	eP	Pn	07 47 56.8 -0.7
HEH	comp=N,560nm,17.3s		LR	LR	
HEH	comp=N,1um,17.1s		LR	LR	
HEH	comp=N,1um,16.3s		LR	LR	
PETK	Petrovsk	16.52 32	LR	LR	07 54 18.6
PETK	comp=N,278nm,18.3s,baz=217,slo=36				
JMZ	Minamidaio 2	17.25 219	Pn	IAmb	07 48 23.2 +0.4
JMZ	comp=Z,118nm,1.3s				07 48 56.2
JOW	Kunigami	18.01 228	P	Pn	07 48 31.5 -0.8
MA2	Magadan	20.31 11	P	IAmb	07 48 58.0 +0.6
MA2	comp=Z,47nm,0.9s				07 48 59.8
MA2	Magadan	20.31 11	P	P	07 48 58.4 +1.0
MA2	comp=Z,35nm,0.9s,baz=192,slo=9.1,SNR=17				07 56 42.6
MA2	comp=Z,204nm,21.1s,baz=197,slo=36				
XLT	XilinHaoTe	20.62 290	eP	P	07 48 58.3 -2.8
XLT			pP	pP	07 49 06.8 -2.4
XLT			sP	sP	07 49 11.9 -1.2
XLT			Pn	Pn	07 49 18.9 -0.2
XLT			S	S	07 52 41.5 -8.3
XLT	comp=Z,33nm,1.3s				
XLT	comp=Z,130nm,4.1s				
XLT	comp=Z,550nm,17.0s				
XLT	comp=Z,660nm,17.0s				
BJI	Beijing	20.76 279	P	Pmax	07 49 00.3 -2.2
BJI	comp=Z,6.0nm,0.9s				
BJI	comp=Z,260nm,15.1s				
BJI	comp=Z,250nm,16.8s				
BJI	comp=Z,370nm,17.4s				
TIA	Tai'an	20.90 268	P	Pmax	07 49 02.0 -2.0
TIA	comp=Z,32nm,0.9s				
TIA	comp=Z,460nm,15.2s				
TIA	comp=Z,1um,13.2s				
TIA	comp=Z,2um,14.6s				
NJ2	Nanjing	21.21 256	eP	P	07 49 08.8 +1.4
NJ2			pP	pP	07 49 17.8 +0.2
NJ2	comp=Z,18nm,0.9s				
NJ2	comp=Z,78nm,4.3s				
NJ2	comp=Z,530nm,17.1s				
NJ2	comp=Z,400nm,13.7s				
NJ2	comp=Z,630nm,17.1s				
HNS	HongShan	22.42 273	P	P	07 49 22.3 +1.9
HNS	comp=Z,600nm,14.7s				
HNS	comp=Z,670nm,16.7s				
HNS	comp=Z,890nm,15.1s				
YAK	Yakutsk	23.71 344	P	P	07 49 32.0 -1.1
YAK	Yakutsk	23.71 344	P	P	07 58 54.3
YAK	comp=Z,324nm,21.8s,baz=158,slo=37				
HHC	Hu-ho-hao-te	24.13 283	eP	P	07 49 37.8 +0.3
HHC			pP	pP	07 49 46.9 +0.5
HHC			eS	S	07 53 56.9 +3.6
HHC	comp=Z,13nm,0.9s				
HHC	comp=Z,110nm,6.4s				
HHC	comp=Z,220nm,10.0s				
HHC	comp=Z,850nm,17.3s				
HHC	comp=Z,1um,16.5s				
SHEM	Shemya Is, Ala	24.67 48	LR	LR	07 58 59.4
SHEM	comp=Z,67nm,21.3s,baz=103,slo=95				
SSLB	Suangleung	24.73 236	P	IAmb	07 49 42.2 -0.7
SSLB	comp=Z,12nm,0.8s				07 49 55.7
YULB	Yu-ii	24.79 235	P	IAmb	07 49 44.2 +0.8
YULB	comp=Z,18nm,0.9s				07 50 03.0
LYN	LuoYang	25.04 268	P	P	07 49 46.3 +0.7
LYN	comp=Z,38nm,1.1s				07 54 17.1 -5.2
LYN	comp=Z,350nm,4.9s				
LYN	comp=Z,1um,14.7s				
LYN	comp=Z,2um,13.5s				
LYN	comp=Z,2um,14.1s				
WHN	Wuhan	25.31 257	P	Pmax	07 49 48.1 0.0
WHN	comp=Z,120nm,1.0s				
WHN	comp=Z,1um,15.5s				
WHN	comp=Z,2um,19.3s				
WHN	comp=Z,2um,17.9s				
BTO	Baotou	25.33 283	eP	P	07 49 47.9 -0.4
BTO			pP	pP	07 49 57.8 +0.7
BTO			sP	sP	07 50 03.0 +2.2
BTO			Pn	Pn	07 50 22.5 -1.1
BTO			S	S	07 54 11.8 -0.7
BTO			SS	SSn	07 55 14.3 +9.2
BTO	comp=Z,42nm,0.8s				
BTO	comp=Z,160nm,5.2s				
BTO	comp=Z,580nm,15.0s				
BTO	comp=Z,2um,14.3s				
BTO	comp=Z,2um,16.5s				
TWG	Pinang	25.35 235	P	P	07 49 48.5 -0.1
GUMO	Guam	26.19 177	LR	LR	07 59 08.6
GUMO	comp=Z,168nm,21.6s,baz=2.0,slo=34				
ULN	Ulaanbaatar	27.13 299	P	IAmb	07 50 03.7 -0.9
ULN	comp=Z,20nm,1.1s				07 50 06.0
SOMM	Songino Array	27.57 299	P	IAmb	07 50 08.7 +0.1
SOMM	comp=Z,21nm,1.2s				07 50 10.9
SOMM	Songino Array	27.57 299	P	P	07 50 08.9 +0.3
SOMM	comp=Z,10.0nm,0.8s,baz=106,slo=9.7,SNR=6.5				07 50 42.5
SOMM	comp=Z,1um,18.1s,baz=76,slo=38				
XAN	Xi'an	27.95 269	P	P	07 50 11.3 -0.7
XAN			pP	pP	07 50 21.6 +0.7
XAN			sP	sP	07 50 27.8 +3.2
XAN	comp=Z,17nm,1.2s				
XAN	comp=Z,350nm,15.1s				
XAN	comp=Z,870nm,13.7s				
XAN	comp=Z,1um,15.1s				

H11N2	WAKE ISLAND Hy	28.52 128	T	T	08 20 17.3
H11N2	baz=318,slo=75,SNR=1083				
H11N1	WAKE ISLAND Hy	28.52 128	T	T	08 20 19.6
H11N1	baz=318,slo=75,SNR=778				
H11N3	WAKE ISLAND Hy	28.53 128	T	T	08 20 11.0
H11N3	baz=318,slo=75,SNR=689				
ENH	Enshi	29.12 261	P	P	07 50 21.7 -0.7
H11S1	WAKE ISLAND Hy	29.34 130	T	T	08 21 20.9
H11S1	baz=322,slo=76,SNR=133				
H11S3	WAKE ISLAND Hy	29.34 130	T	T	08 21 24.3
H11S3	baz=322,slo=76,SNR=125				
H11S2	WAKE ISLAND Hy	29.35 130	T	T	08 21 22.0
H11S2	baz=322,slo=76,SNR=106				
LZH	Lanzhou	31.15 276	eP	P	07 50 40.1 -0.3
LZH			pP	pP	07 50 48.0 -1.3
LZH	comp=Z,21nm,1.2s				
LZH	comp=Z,290nm,15.8s				
LZH	comp=Z,690nm,15.1s				
LZH	comp=Z,760nm,14.8s				
TIXI	Tiksi	32.70 352	LR	LR	08 05 31.0
TIXI	comp=Z,205nm,20.1s,baz=167,slo=39				
GYA	Guiyang	33.20 258	P	Pmax	07 50 58.4 -0.1
GYA	comp=Z,63nm,1.1s				
GYA	comp=Z,350nm,12.7s				
GYA	comp=Z,260nm,11.6s				
GYA	comp=Z,510nm,16.1s				
CD2	Chengdu	33.22 267	P	P	07 50 58.4 -0.1
CD2			pP	pP	07 51 07.4 0.0
CD2			S	S	07 56 11.9 -4.5
CD2	comp=Z,20nm,0.6s				
CD2	comp=Z,70nm,4.7s				
CD2	comp=Z,570nm,14.1s				
CD2	comp=Z,400nm,15.6s				
CD2	comp=Z,760nm,13.8s				
GTA	Gaotai	33.24 284	P	P	07 50 59.3 +0.6
GTA			pP	pP	07 51 09.3 +1.8
GTA	comp=Z,17nm,1.0s				
GTA	comp=Z,300nm,22.7s				
GTA	comp=Z,980nm,19.5s				
GTA	comp=Z,1um,19.9s				
SPIA	Saint Paul Isl	34.51 44	P	P	07 51 10.3 +0.9
SPIA	baz=260				
NIKH	Nikolski High	34.85 52	P	P	07 51 12.6 +0.3
QIZ	Qiongzong	35.45 244	P	S	07 51 18.8 +0.9
QIZ			S	S	07 56 52.8 +1.9
QIZ	comp=Z,250nm,13.4s				
QIZ	comp=Z,310nm,14.7s				
QIZ	comp=Z,380nm,17.5s				
KMI	Kunming	36.89 259	P	P	07 51 31.0 +0.6
KMI			pP	pP	07 51 40.6 -1.0
KMI	comp=Z,28nm,1.0s				
KMI	comp=Z,130nm,3.8s				
KMI	comp=Z,460nm,14.3s				
KMI	comp=Z,380nm,15.1s				
KMI	comp=Z,570nm,15.7s				
PZH	Panzhihua	36.91 262	P	S	07 51 30.8 +0.4
PZH			S	S	07 57 07.0 -6.3
PZH	comp=Z,50nm,0.9s				
PZH	comp=Z,180nm,6.7s				
PZH	comp=Z,280nm,14.7s				
PZH	comp=Z,430nm,14.7s				
PZH	comp=Z,420nm,14.2s				
TNA	Tin City	37.69 31	P	P	07 51 36.0 -0.4
TNA	baz=252				
GOMU	GeErMu	37.99 280	P	P	07 51 40.8 +1.0
GOMU			pP	pP	07 51 44.0 -4.7
GOMU	comp=Z,40nm,0.9s				07 57 34.9 +4.8
GOMU	comp=Z,480nm,15.9s				
GOMU	comp=Z,320nm,15.7s				
GOMU	comp=Z,510nm,15.4s				
K13K	Kusilvak Mnt	38.17 37	P	P	07 51 40.7 +0.2
K13K	baz=259				
SLVN	Son La	38.22 253	P	IAmb	07 51 41.4 -0.1
SLVN					07 51 44.1
F14K	Arctic Creek	38.30 31	P	P	07 51 41.7 +0.2
F14K	baz=293				
ANM	Nome	38.44 33	P	P	07 51 42.9 +0.1
ANM	baz=255				
J14K	Nanvaranak Lak	38.83 36	P	P	07 51 45.8 -0.2
J14K	baz=269				
S12K	Black Hills	38.90 47	P	P	07 51 46.7 -0.1
S12K	baz=270				
L14K	Kuka Creek	39.00 38	P	P	07 51 47.3 -0.2
L14K	baz=282				
F15K	North Star Dit	39.03 31	P	P	07 51 49.9 +2.1
F15K	baz=255				07 51 47.0 -0.7
G15K	Niukluk	39.10 32	P	P	07 51 47.4 -0.8
G15K	baz=256				
M14K	Bethel	39.28 39	P	P	07 51 49.3 -0.5
M14K	baz=264				
N14K	Kuskokwak Cree	39.32 41	P	P	07 51 50.4 +0.2
N14K	baz=265				
O14K	Tiguykaiuit M	39.48 42	P	P	07 51 51.0 -0.5
O14K	baz=266				
C16K	Lisburne Hills	39.53 27	P	IAmb	07 51 53.6 +1.7
C16K	comp=Z,9.8nm,1.0s				07 52 12.5
C16K	Lisburne Hills	39.53 27	P	P	07 51 52.1 +0.3
C16K	baz=251				
L15K	Ungalak Moun	39.62 38	P	P	07 51 53.2 +0.6
L15K	baz=262				
K15K	Wolf Creek Mou	39.68 37	P	P	07 51 52.6 -0.6
K15K	baz=262				
H16K	Elim	39.77 33	P	P	07 51 53.4 -0.4
H16K	baz=259				
G16K	Koyuk River	39.88 32	P	P	07 51 53.9 -0.9
G16K	baz=258				
M15K	Kasigluk River	39.89 40	P	P	07 51 54.8 -0.1
M15K	baz=265				
N15K	Kwethluk River	40.14 40	P	P	07 51 56.6 -0.4
N15K	baz=269				
D17K	Noatak River	40.17 28	P	P	07 51 56.7 -0.5
D17K	baz=254				
O15K	Ungalikthiuk R	40.22 42	P	P	07 51 57.4 -0.3
O15K	baz=262				
J16K	Anvik River	40.24 36	P	P	07 51 57.7 -0.2
J16K	baz=262				
CHNA	Chernabura Isl	40.33 49	P	P	07 51 57.9 -0.7
CHNA	baz=271				
C17K	Delong Moun	40.36 27	P	P	07 51 57.5 -1.2
C17K	baz=253				
E17K	Hotham Inlet	40.48 30	P	P	07 51 59.4 -0.4
E17K	baz=256,SNR=5.5				
F17K	Baldwin Pennin	40.55 31	P	IAmb	07 52 02.1 +1.8
F17K	baz=259				07 52 13.0
F17K	comp=Z,9.1nm,0.8s				
F17K	Baldwin Pennin	40.55 31	P	P	07 52 00.1 -0.2
F17K	baz=259				
L16K	Owhat River	40.57 38			

20d 7h

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like F21K, A22K, H21K, etc.

2018 SEP

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like HARP, RIDG, F26K, etc.

1352

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes stations like PLBC, M31M, WHY, etc.

20d 8h

Table with columns for station name, frequency, power, and other technical details. Includes stations like JYK Kaneyama, JYZ Yamagatuz, JMM Marumori, etc.

2018 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like KBZ Khabaz, NB2 NORSAR, NOA NORSAR Array, etc.

1354

Table with columns for station name, frequency, power, and other technical details. Includes stations like PLCA Paso Flores, IPMB Ipermeri, BDFB Brasilia, etc.

Additional information and notes at the bottom right of the page, including coordinates and station identifiers.

WEL 20 08:56:28.3±0.3, 41°S, 3°17'4E, h35km, 5km, M3.8/108, ML4.1/30, MLv3.8/108, Error ellipse: s-maj=0.0km s-min=0.0km az=9.9

ISC 20 08:56:28.3±1.5, 40.765°S, 0.04:174.45E±0.03, h62km±10km, n159, o668/61, Cook Strait

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

Table with columns: ARCC, Arundel, KUZ, Kuatounu, ABAB, Army Bay, MXZ, Matakoaka Point, FOZ, Fox Glacier, TMZ, Timaru, GRZ, Great Barrier, ODZ, Otahua Downs, JJC, Jackson Bay, OZU, Omahuta, WKZ, Wanaka, SYZ, Scrubby Hill, CTZ, Chatham Island. Includes time and ISC data.

CATAC 20 09:07:58.8±0.3, 8°79'N, 83°24'W, h30km±4km, ML3.1 UCR 20 09:07:59.4±1.2, 8°80'N, 83°21'W, h44km±3km, MW3.5 ISC 20 09:08:00.1±1.0, 8.80N, 0.02:83.24W±0.02, h33km±2km, n61, c196/84, 10C-9D, Costa Rica

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations in Costa Rica and surrounding areas.

ISC 20 09:21:15.3±0.5, 14°56'N, 93°61'W, h0km, mb4.9/29, mbmp4.9/32, ML4.4/3, MS5.0/60, Error ellipse: s-maj=22.7km s-min=10.8km az=59.0

CATAC 20 09:21:17.8±1.1, 14°34'N, 93°83'W, h11km±1km, MB5.6, mb5.3, ML5.2

Table with columns: NEIC, MEX, POO, Pocosol, TUNA, La Fortuna, VACR, Volcan Arenal, CEDE, Laguna Cedeo, COVE, Coope Vega, Sa, GMAL, Guarumal, Vera, JUN, Juntas, JTS, Las Juntas de, INDI, Punta indio, G, TENO, El Achioté, CUI, Cuipalpa, COLC, Colonia. Includes time and ISC data.

GCMT 20 09:21:20.1±0.1, 14°61'N, 0°11:04:00W±0.01, h12km, MW5.5/145, Moment Tensor Solution. s135c246; s145, c295; Duration: 1s3. Moment tensor: Scale 1017 Nm; M1: 1.33e-01; M2: 0.88e-01; M3: 0.44e-01; M1: 1.20e-01; M2: 0.49e-01; M3: 1.16e-01; Best double couple: M2: 0.9400e+01; NP1: 0.132, 0.0000; 0.871, 0.0000; 0.795, 0.0000; NP2: 0.297, 0.0000; 0.819, 0.0000; 0.760, 0.0000. Principal axes: T: 2.1690, Plg3.0000; Azm49.0000; N: -0.1480, Plg4.0000; Azm318.0000; P: -2.0190, Plg26.0000; Azm218.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

GCG 20 09:21:25.0±1.8, 14°31'N, 93°42'W, h40km, 999km, MD5.1 ISC 20 09:21:16.4±1.2, 14°58'N, 0°13:81W±0.03, h71km, n135, c195/1012, mb5.3/297, MS5.2/84, 28C-21D, Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations in Chiapas and surrounding regions.

Table with multiple columns containing station names (e.g., Huajuapán de L, Sabancuy, Tehuacán), coordinates, and various data points (e.g., 5.02 311, Pn, 09 22 32.3 -0.1). The table is organized into several vertical sections.

S39A	Bolivar	comp-Z,203nm,1.6s	23.03	1	Iamb	Iamb	09 26 24.3
T47A	Sharon Grove	comp-Z,163nm,1.0s	23.11	14	Iamb	Iamb	09 26 24.7
RTBA	Rita Blanca	comp-Z,199nm,1.2s	23.19	341	Iamb	Iamb	09 26 28.1
V53A	Saluda	comp-Z,111nm,1.4s	23.21	23	Iamb	Iamb	09 26 42.9
LAPR	La Primavera	comp-Z,111nm,1.4s	23.26	316	eP	P	09 26 24.9 +0.4
ANMO	Albuquerque	comp-Z,237 333	23.27	333	P	P	09 26 26.0 +1.2
ANMO	Albuquerque	comp-Z,237 333 LR	23.27	333	LR	LR	09 37 09.4
ANMO	Albuquerque	comp-Z,237 333 jP	23.27	333	jP	jP	09 26 24.5 -0.3
ANMO	Albuquerque	comp-Z,15nm,1.1s					pmax
KMCS	Kings Mountain	comp-Z,137nm,1.5s	23.35	27	Iamb	Iamb	09 26 48.2
SDV	Santo Domingo	comp-Z,237 101	23.37	101	P	P	09 26 25.9 -0.2
SDV	Santo Domingo	comp-Z,237 101	23.37	101	P	P	09 26 26.3 +0.3
S44A	Carbondale	comp-Z,238 9	23.38	9	P	P	09 26 24.4 -1.3
TUC	Tucson	comp-Z,238 322	23.48	322	P	P	09 26 28.3 +1.4
TUC	Tucson	comp-Z,238 322 eP	23.48	322	eP	P	09 26 29.1 +2.2
TUC	Tucson	comp-Z,238 322 S	23.48	322	S	P	09 30 46.0 +5.1
TUC	Tucson	comp-Z,238 322 P	23.48	322	P	P	09 26 28.3 +1.4
CCM	Cathedral Cave	comp-Z,207nm,1.4s	23.50	5	P	P	09 26 25.2 -1.6
CCM	Cathedral Cave	comp-Z,235 5	23.50	5	P	P	09 26 25.2 -1.6
CCM	Cathedral Cave	comp-Z,235 5 pmax					pmax
FVM	French Village	comp-Z,67nm,1.1s	23.51	7	Iamb	Iamb	09 26 52.9
R40A	Maddies State	comp-Z,135nm,1.7s	23.66	3	P	P	09 26 27.5 -0.9
R40A	Maddies State	comp-Z,141nm,1.4s	23.66	3	Iamb	Iamb	09 26 29.2
TZTN	Tazewell	comp-Z,141nm,1.4s	23.72	21	P	P	09 26 26.6 -2.5
TZTN	Tazewell	comp-Z,100nm,1.4s	23.72	21	Iamb	Iamb	09 26 51.4
T50A	Nancy	comp-Z,196nm,2.0s	23.74	18	Iamb	Iamb	09 26 50.0
V57A	Gilead	comp-Z,163nm,1.6s	23.96	29	Iamb	Iamb	09 26 55.4
W55A	Taylorville	comp-Z,84nm,1.2s	24.01	26	Iamb	Iamb	09 26 55.5
SLM	Saint Louis	comp-Z,248nm,1.7s	24.17	7	Iamb	Iamb	09 26 42.6
WCI	Wyandotte Cave	comp-Z,141nm,1.4s	24.48	14	P	P	09 26 34.4 -1.7
WCI	Wyandotte Cave	comp-Z,55nm,0.8s	24.48	14	P	P	09 26 38.7
WCI	Wyandotte Cave	comp-Z,55nm,0.8s	24.48	14	P	P	09 26 34.4 -1.7
WCI	Wyandotte Cave	comp-Z,55nm,0.9s	24.48	14	P	P	09 26 38.7
KSU1	Kansas State U	comp-Z,120nm,1.2s	24.55	355	Iamb	Iamb	09 26 37.6
OLIL	Olney	comp-Z,90nm,0.9s	24.59	11	P	P	09 26 35.0 -2.1
OLIL	Olney	comp-Z,90nm,0.9s	24.59	11	Iamb	Iamb	09 26 39.0
Q44A	Meyer Farm, Va	comp-Z,131nm,1.2s	24.60	9	P	P	09 26 36.4 -0.8
Q44A	Meyer Farm, Va	comp-Z,131nm,1.2s	24.60	9	Iamb	Iamb	09 27 01.6
X18A	Snowlake	comp-Z,24nm,1.1s	24.68	317	Iamb	Iamb	09 26 43.0
PIX	Pinocette	comp-Z,121nm,1.4s	24.70	20	Iamb	Iamb	09 27 08.3
SS1A	Beattyville	comp-Z,107nm,1.4s	24.78	27	Iamb	Iamb	09 26 58.8
U56A	King	comp-Z,130nm,1.6s	24.83	16	Iamb	Iamb	09 27 08.9
R49A	Shelbyville	comp-Z,174nm,1.6s	24.83	16	Iamb	Iamb	09 27 08.9
P40A	Paris	comp-Z,42nm,0.8s	24.91	3	Iamb	Iamb	09 26 41.1
P38A	Dawn	comp-Z,57nm,1.1s	24.95	1	Iamb	Iamb	09 26 41.0
P43A	Skaggs	comp-Z,64nm,1.1s	25.25	8	Iamb	Iamb	09 27 08.3
SDCO	Great Sand Dun	comp-Z,79nm,1.3s	25.30	338	Iamb	Iamb	09 26 47.7
BLO	Bloomington	comp-Z,90nm,1.9s	25.33	13	Iamb	Iamb	09 26 45.2
BLA	Blacksburg	comp-Z,190nm,1.8s	25.50	25	Iamb	Iamb	09 27 18.7
P46A	Rosedale	comp-Z,80nm,0.8s	25.61	12	Iamb	Iamb	09 26 49.5
113A	Mohawk Valley	comp-Z,93nm,1.4s	25.65	318	Iamb	Iamb	09 26 55.7
SSFO	Shawnee State	comp-Z,17nm,1.3s	25.79	19	Iamb	Iamb	09 27 20.6
S22A	4UR Ranch, Cre	comp-Z,73nm,1.4s	25.81	336	Iamb	Iamb	09 27 20.8
S22A	4UR Ranch, Cre	comp-Z,73nm,1.4s	25.81	336	P	P	09 26 50.0 +1.4
P48A	Milroy	comp-Z,137nm,1.6s	25.86	15	Iamb	Iamb	09 27 21.9
Y14A	Wickenburg	comp-Z,96nm,1.3s	25.95	321	Iamb	Iamb	09 26 55.7
Q51A	Peebles	comp-Z,67nm,1.3s	26.04	19	Iamb	Iamb	09 27 21.2
MVCO	Mesa Verde	comp-Z,94nm,1.2s	26.06	333	Iamb	Iamb	09 26 54.4
P49A	Miami Univ. Ec	comp-Z,200	26.11	16	P	P	09 26 47.9 -3.1
N41A	Harden Midland	comp-Z,74nm,1.2s	26.16	5	Iamb	Iamb	09 27 20.3
HDIL	Hopedale	comp-Z,61nm,1.2s	26.18	8	Iamb	Iamb	09 26 52.5
N35A	Tabor	comp-Z,93nm,1.0s	26.24	357	Iamb	Iamb	09 26 54.6
ATAH	Atahualpa	comp-Z,21nm,19.9s,baz=624,slow=30	26.44	144	LR	LR	09 34 36.7
ESJX	Sierra Juarez	comp-Z,67nm,1.7s	26.64	314	Iamb	Iamb	09 27 02.4
Q48B	Farmland	comp-Z,83nm,1.4s	26.68	15	Iamb	Iamb	09 27 33.9
S48B	San Juan	comp-Z,21nm,19.9s,baz=240,slow=39	26.68	15	P	P	09 26 52.7 -3.3
BLYC	Blythe	comp-Z,21nm,19.9s,baz=240,slow=39	26.77	319	P	P	09 26 58.6 +1.7
Q54A	Coxs Mills	comp-Z,28nm,1.7s	26.87	23	Iamb	Iamb	09 27 35.1
BGNE	Belgrade	comp-Z,77nm,1.2s	27.00	353	P	P	09 26 59.2 +0.2
BGNE	Belgrade	comp-Z,77nm,1.2s	27.00	353	Iamb	Iamb	09 27 35.9
YUH	Yuba Desert	comp-Z,82nm,1.6s	27.00	316	Iamb	Iamb	09 27 03.0
ISCO	Idaho Springs	comp-Z,57nm,1.1s	27.18	340	Iamb	Iamb	09 27 04.3
W13A	Hualapai Mount	comp-Z,64nm,1.4s	27.27	322	Iamb	Iamb	09 27 05.7
L34A	Svensden Farm,	comp-Z,62nm,0.9s	27.38	356	Iamb	Iamb	09 27 12.0
TKX	Tecate	comp-Z,92nm,1.5s	27.42	315	Iamb	Iamb	09 27 06.5
L40A	Anamosa	comp-Z,68nm,1.1s	27.48	4	Iamb	Iamb	09 27 04.3
BRIGG	Briggsdale	comp-Z,127nm,1.4s	27.49	342	Iamb	Iamb	09 27 07.0
O56A	Snyder Ridge,	comp-Z,84nm,1.6s	27.57	25	Iamb	Iamb	09 27 43.5
PFO	Pinon Flats	comp-Z,127,SNR=9.5	27.93	317	P	P	09 27 09.8 +2.2
PFO	Pinon Flats O	comp-Z,127,SNR=9.5	27.94	317	P	P	09 27 10.2 +2.6
PFO	Pinon Flats O	comp-Z,127,SNR=9.5	27.94	317	LR	LR	09 38 49.2
PFO	Pinon Flats O	comp-Z,127,SNR=9.5	27.94	317	iP	iP	09 27 10.0 +2.4
L44A	Lake County Fo	comp-Z,51nm,1.3s	27.97	9	P	P	09 27 05.6 -2.0
KNB	Kanab	comp-Z,68nm,1.2s	28.04	326	P	P	09 27 10.6 +2.1
KNB	Kanab	comp-Z,68nm,1.2s	28.04	326	P	P	09 27 10.6 +2.1
N23A	Red Feather La	comp-Z,55nm,1.4s	28.27	340	Iamb	Iamb	09 27 37.3
N23A	Red Feather La	comp-Z,55nm,1.4s	28.27	340	P	P	09 27 11.7 +1.0
N23A	Red Feather La	comp-Z,55nm,1.4s	28.27	340	S	S	09 32 00.3 +3.0
V12A	Nelson	comp-Z,82nm,1.1s	28.28	322	Iamb	Iamb	09 27 14.4
JFWS	Jewell Farm	comp-Z,50nm,1.2s	28.41	6	Iamb	Iamb	09 27 44.0

O20A	White River Ci	comp-Z,124nm,1.8s	28.43	336	Iamb	Iamb	09 27 45.5
P57A	Homestead Farm	comp-Z,74nm,1.7s	28.43	26	Iamb	Iamb	09 27 51.6
MTPU	Mount Pleasant	comp-Z,91nm,1.4s	28.48	329	Iamb	Iamb	09 27 16.9
SRU	San Rafael Swe	comp-Z,89nm,1.9s	28.53	332	Iamb	Iamb	09 27 19.9
SZCU	Shurtz Canyon	comp-Z,96nm,1.3s	28.61	327	Iamb	Iamb	09 27 17.9
Q16A	Castle Valley	comp-Z,65nm,1.3s	28.67	331	Iamb	Iamb	09 27 18.1
CCUT	Cedar City	comp-Z,49nm,1.1s	28.73	326	Iamb	Iamb	09 27 19.1
PCRV	Puerto La Cruz	comp-Z,51nm,1.3s	28.81	95	LR	LR	09 40 30.0
P17A	Butcher Ranch	comp-Z,49nm,1.2s	28.92	332	Iamb	Iamb	09 27 19.9
ECSD	EROS Data Cent	comp-Z,114nm,1.4s	29.16	356	P	Iamb	09 27 17.7 -0.5
ECSD	EROS Data Cent	comp-Z,114nm,1.4s	29.16	356	Iamb	Iamb	09 27 18.9
RDMU	Red Mountain	comp-Z,107nm,1.7s	29.33	335	Iamb	Iamb	09 27 25.1
I40A	Norwalk	comp-Z,41nm,1.1s	29.34	5	P	P	09 27 19.2 -0.7
PASC	Pasadena Art C	comp-Z,67nm,1.5s	29.42	316	Iamb	Iamb	09 27 24.5
PSUT	Pine Spring	comp-Z,41nm,1.1s	29.71	327	Iamb	Iamb	09 27 27.5
MPU	Maple Canyon	comp-Z,55nm,1.4s	29.77	332	Iamb	Iamb	09 27 27.5
TPNV	Topopah Spring	comp-Z,107nm,1.6s	29.93	322	Iamb	Iamb	09 27 33.3
K22A	Casper	comp-Z,85nm,1.2s	30.05	341	Iamb	Iamb	09 27 29.5
TBTG	Tatabatinga, AM	comp-Z,49nm,1.2s	30.15	126	eP	P	09 27 28.1 +0.8
SPR3	Spring Creek 3	comp-Z,49nm,1.2s	30.31	327	Iamb	Iamb	09 27 32.2
CTU	Camp Tracy	comp-Z,44nm,1.3s	30.36	332	Iamb	Iamb	09 27 32.8
DUG	Dugway, Tooele	comp-Z,71nm,1.9s	30.46	331	Iamb	Iamb	09 27 34.2
CZSB	Cruzeiro do Su	comp-Z,102nm,1.6s	30.48	135	Iamb	Iamb	09 27 36.3
CZSB	Cruzeiro do Su	comp-Z,102nm,1.6s	30.48	135	eP	P	09 27 32.4 +2.2
ISA	Isabella, Lake	comp-Z,65nm,1.3s	30.50	318	Iamb	Iamb	09 27 45.3
R11B	Troy Canyon, C	comp-Z,48nm,1.4s	30.52	325	P	P	09 27 34.8
R11B	Troy Canyon, C	comp-Z,48nm,1.4s	30.52	325	P	P	09 27 32.9 +2.3
R11B	Troy Canyon, C	comp-Z,135,SNR=31			S	S	09 32 37.9 +5.4
Q12A	Willow Creek R	comp-Z,54nm,1.3s	30.60	327	Iamb	Iamb	09 27 35.4
GRAC	Grapevine Rang	comp-Z,89nm,1.2s	30.64	321	Iamb	Iamb	09 27 35.8
RSSD	Black Hills	comp-Z,71nm,1.5s	30.71	345	P	P	09 27 33.1 +0.9
RSSD	Black Hills	comp-Z,71nm,1.5s	30.71	345	P	P	09 27 33.1 +0.9
RSSD	Black Hills	comp-Z,32nm,1.3s					pmax
GMN	Gold Mountain	comp-Z,48nm,1.4s	30.77	322	Iamb	Iamb	09 27 40.3
BGU	Big Grassy Moun	comp-Z,51nm,1.4s	31.14	331	Iamb	Iamb	09 27 39.8
PDAR	Pinedale Array	comp-Z,57nm,1.6s	31.19	337	P	P	09 27 40.8
PDAR	Pinedale Array	comp-Z,57nm,1.6s	31.19	337	P	P	09 27 37.9 +1.4
PDAR	Pinedale Array	comp-Z,57nm,1.6s	31.19	337	P	P	09 27 37.8 +1.2
PDAR	Pinedale Array	comp-Z,5.8nm,1.0s,baz=136,slow=9.3,SNR=41			PcP	PcP	09 30 29.9 -1.5
PDAR	Pinedale Array	comp-Z,2.5nm,1.0s,baz=158,slow=4.6,SNR=43			LR	LR	09 40 10.2
PDAR	Pinedale Array	comp-Z,44nm,18.9s,baz=142,slow=36					pmax
DSP	Deep Springs	comp-Z,47nm,1.3s	31.25	321	Iamb	Iamb	09 27 41.0
NNA	Nana	comp-Z,70nm,1.4s	31.29	147	P	Iamb	09 27 39.1 +1.8
NNA	Nana	comp-Z,70nm,1.4s	31.29				

20d 9h

Table with columns for station ID, name, location, frequency, power, and other technical details. Includes stations like ARAG Araguaiana, MT, SMTB Santa Maria do, DLBC Dease Lake, etc.

2018 SEP

Table with columns for station ID, name, location, frequency, power, and other technical details. Includes stations like I30M Mount Dempster, KAIM Kayak Island, J29N Klondike Camp, etc.

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Table with columns for station ID, name, location, frequency, power, and other technical details. Includes stations like Q20K Shuyak Island, D28M Stokes Point, HOM Homer, etc.

H21K	Melozitna Rive baz=113	64.26	337	P	P	09 31 51.9	-0.1
G22K	Bettles	64.29	338	P	P	09 31 53.1	+1.0
CHNA	Chernabura Isl baz=101	64.29	324	P	P	09 31 52.2	-0.1
TOLK	Toolik Lake Re baz=117	64.39	340	P	P	09 31 53.6	+0.8
D24K	Happy Valley	64.39	341	P	P	09 31 53.1	+0.4
P16K	Nushagak River baz=105	64.40	329	P	P	09 31 53.5	+0.5
N17K	Nushagak Hills baz=105,SNR=5.5	64.41	331	P	P	09 31 53.7	+0.7
S14K	Fog Glacier	64.57	326	P	P	09 31 54.2	-0.1
I20K	Naaghedeneel	64.59	336	P	P	09 31 54.3	+0.2
O16K	Kokwok River B comp=Z,32nm,1.3s	64.59	330	I	Amb	09 31 55.4	
O16K	Kokwok River B baz=105	64.59	330	P	P	09 31 54.2	-0.1
C24K	Franklin Bluff baz=119	64.62	342	P	P	09 31 55.7	+1.4
L18K	Granite Mounta baz=107,SNR=6.0	64.68	333	P	P	09 31 54.7	-0.1
F22K	John River	64.77	339	P	P	09 31 56.6	+1.2
M17K	Holittna River baz=106,SNR=5.5	64.78	332	P	P	09 31 55.6	+0.2
J19K	Poorman	64.78	335	P	P	09 31 55.1	-0.3
G21K	Allakaket baz=112	64.86	338	P	P	09 31 56.0	+0.2
SDPT	Sand Point baz=103	64.89	325	P	P	09 31 56.2	0.0
D23K	Nanushuk River baz=116	64.90	340	P	P	09 31 57.2	+1.1
E22K	Anaktuvuk Pass baz=115	64.91	339	P	P	09 31 57.1	+0.9
H20K	Anottleega Mo baz=111	65.00	336	P	P	09 31 56.7	-0.2
J18K	Innoko River baz=108	65.07	334	P	P	09 31 56.9	-0.4
F21K	Alatina River baz=113	65.12	338	P	P	09 31 58.4	+0.8
N16K	Nishlik Lake baz=105,SNR=6.9	65.15	330	P	P	09 31 58.3	+0.4
C23K	Iklikik River baz=117	65.27	341	P	P	09 31 59.2	+0.7
O15K	Ungalikthiuk R baz=103	65.35	329	P	P	09 31 58.9	-0.3
L17K	Donlin baz=106,SNR=5.2	65.37	332	P	P	09 31 59.3	0.0
M16K	Timber Creek baz=105	65.38	331	P	P	09 31 59.9	+0.6
D22K	Ayikyak River baz=114	65.51	340	P	P	09 32 01.4	+1.3
K17K	Iditarod baz=106	65.54	333	P	P	09 32 00.5	+0.1
GCSA	Galena City Sc baz=108	65.54	335	P	P	09 32 00.3	0.0
H19K	Roundabout Mou baz=109	65.62	336	P	P	09 32 00.5	-0.3
N15K	Kwethluk River baz=103	65.71	330	P	P	09 32 02.2	+0.7
E21K	Kilikik River baz=113	65.77	339	P	P	09 32 02.4	+0.6
L16K	Owhat River comp=Z,42nm,1.2s	65.80	332	I	Amb	09 32 04.3	
L16K	Owhat River baz=105,SNR=7.1	65.80	332	P	P	09 32 02.7	+0.7
S12K	Black Hills baz=100	65.84	325	P	P	09 32 02.4	0.0
F20K	Avaarait Lake baz=111	65.87	338	P	P	09 32 03.1	+0.7
J17K	VABM Dome baz=106	66.07	333	P	P	09 32 04.0	+0.2
G19K	Purcell Mounta baz=109	66.08	337	P	P	09 32 04.1	+0.3
O14K	Tiguyakuiv M baz=102	66.09	329	P	P	09 32 03.2	-0.8
M15K	Kasigluk River baz=103	66.12	330	P	P	09 32 04.3	+0.2
SUMG	Summit	66.15	16	P	I	09 32 03.3	-1.3
SUMG	Summit	66.15	16	P	Amb	09 32 07.0	
TBI	comp=Z,24nm,0.7s	66.20	236	eP	P	09 32 14.2	+9.0
TBI	comp=Z,677nm,29.0s			eS	S	09 40 51.7	-3.1
TBI	comp=Z,1um,23.0s			eSS	SS	09 45 13.1	+2.0
TBI	comp=Z,2um,38.5s			eLQ	LQ	09 49 09.0	
TBI	comp=Z,2um,24.8s			eLR	LR	09 51 55.5	
TBI	comp=Z,847nm,25.2s			eLR	LR	09 52 00.2	
H18K	Honhosa River baz=107	66.27	335	P	P	09 32 06.1	+1.1
C21K	Knifeblade Rid baz=112	66.32	340	P	P	09 32 06.4	+1.1
B22K	Teshkupuk Lake baz=114	66.35	341	P	P	09 32 06.1	+0.7
N14K	Kuskokwak Cree baz=102	66.44	329	P	P	09 32 06.4	+0.2
B21K	Ikpiqok River baz=113	66.44	341	P	P	09 32 07.2	+1.1
NEEM	North Greenlan baz=113	66.45	9	iP	I	09 32 04.3	-2.0
NEEM	North Greenlan	66.45	9	iP	Amb	09 32 08.6	
E20K	Nigu River baz=110	66.46	339	P	P	09 32 06.9	+0.6
FALS	False Pass baz=98	66.48	324	P	P	09 32 06.2	-0.4
F19K	Shalstuck Mo baz=109	66.56	337	P	P	09 32 07.3	+0.5
E19K	Redstone River baz=109	66.56	338	P	P	09 32 07.5	+0.7
G18K	Tagagawik baz=107	66.61	336	P	P	09 32 07.5	+0.3
J16K	Anvik River baz=104,SNR=7.8	66.70	333	P	P	09 32 08.9	+1.0
L15K	Ungalak Mounta baz=103,SNR=11	66.72	331	P	P	09 32 08.8	+0.8
M14K	Bethel baz=102,SNR=8.4	66.75	330	P	P	09 32 08.9	+0.8
D20K	Etilvik River baz=110	66.77	339	P	P	09 32 09.2	+0.9
H17K	Granite Mounta baz=106	66.84	335	P	P	09 32 09.6	+1.0
K15K	Wolf Creek Mou baz=103,SNR=11	66.88	332	P	P	09 32 10.2	+1.3
I17K	Unalakleet baz=104	66.89	334	P	P	09 32 10.2	+1.2
A22K	Sinclair Lake baz=113	67.09	342	P	P	09 32 11.3	+1.1
F18K	Selawik baz=106	67.20	337	P	P	09 32 11.8	+0.9
L14K	Kuka Creek comp=Z,26nm,1.2s	67.21	331	I	Amb	09 32 12.4	
L14K	Kuka Creek baz=102	67.21	331	P	P	09 32 11.8	+0.8
D19K	Kuna River baz=109	67.22	339	P	P	09 32 12.7	+0.7
G17K	Kiwalik Mounta baz=105	67.29	335	P	P	09 32 12.7	+1.2
M13K	Dall Lake baz=105	67.35	330	P	P	09 32 13.1	+1.1
B20K	Meade River baz=110	67.41	341	P	P	09 32 13.1	+1.0
A21K	Barrow baz=111	67.71	342	P	P	09 32 14.1	+0.1
H16K	Elim baz=103,SNR=5.0	67.73	334	P	P	09 32 15.2	+0.9
F17K	Baldwin Pennin baz=105	67.77	336	P	P	09 32 15.2	+0.7
E18K	Tukpahleirik C baz=106	67.79	337	P	P	09 32 14.9	+0.2
J14K	Nanvaranak Lak baz=101,SNR=11	67.89	332	P	P	09 32 16.5	+1.2
C19K	Lookout Ridge baz=108	67.92	339	P	P	09 32 16.4	+0.9
G16K	Koyuk River baz=103	67.95	335	P	P	09 32 16.7	+1.0
UNV	Unalaska Valle baz=95,SNR=7.5	68.16	322	P	P	09 32 16.9	-0.3

E17K	Hotham Inlet baz=105	68.16	337	P	P	09 32 17.2	+0.2
K13K	Kusilvak Mount comp=Z,30nm,1.2s	68.25	331	I	Amb	09 32 19.9	
K13K	Kusilvak Mount baz=100	68.25	331	P	P	09 32 18.3	+0.7
C18K	Utukok River baz=106	68.34	339	P	P	09 32 18.0	-0.2
G15K	Niuluk baz=102	68.56	335	P	P	09 32 20.5	+1.0
A19K	Wainwright baz=106	68.74	340	P	P	09 32 20.3	-0.3
M11K	Mekoryuk baz=104	68.75	329	P	P	09 32 21.8	+1.1
B18K	Kokolik River baz=106	68.75	339	P	P	09 32 22.0	+1.4
D17K	Noatak River baz=104	68.78	337	P	P	09 32 21.3	+0.5
RDOG	Red Dog Mine	68.80	338	P	P	09 32 21.2	+0.2
F15K	North Star Dit baz=101	68.95	335	P	P	09 32 23.2	+1.3
C17K	Delovon Mountai baz=104	69.00	338	P	P	09 32 23.0	+0.7
ANM	Nome baz=100	69.03	334	P	P	09 32 23.5	+1.0
BORG	Borgarnes comp=Z,18.2s,baz=272,slow=36	69.45	26	LR	LR	10 03 02.1	
NIKH	Nikolski High baz=93	69.50	321	P	P	09 32 25.2	-0.3
F14K	Arctic Creek baz=100	69.59	335	P	P	09 32 26.9	+0.9
C16K	Lisburne Hills baz=102	69.74	338	P	P	09 32 27.2	+0.5
TNA	Tin City baz=99	70.27	335	P	P	09 32 30.2	+0.1
SPIA	Saint Paul Isl baz=93	70.53	326	P	P	09 32 31.9	+0.2
PMOZ	Porto Moniz, M baz=111	71.11	60	eP	P	09 32 40.2	+4.2
PMOZ	Porto Moniz, M baz=111	71.11	60	eSS	SS	09 46 31.9	+5.3
PMOZ	Porto Moniz, M	71.11	60	eLR	LR	09 54 34.4	
PMAR	Madeira baz=100	71.36	60	eP	P	09 32 39.3	+1.7
GAMB	Gambell baz=94	71.68	333	P	P	09 32 39.8	+1.1
DAG	Danmarks Havn	72.51	13	iP	P	09 32 43.0	-0.4
DAG	Danmarks Havn	72.51	13	iP	Amb	09 32 45.5	
NOR	Nord comp=Z,20nm,0.9s	73.79	9	iP	Amb	09 32 48.2	-2.8
NOR	Nord	73.79	9	iP	Amb	09 32 53.5	
RAR	Rarotonga comp=Z,246nm,18.9s,baz=65,slow=29	73.86	243	LR	LR	09 56 36.4	
BBTS	Babate comp=Z,1um,18.8s,baz=160,slow=34	74.38	79	LR	LR	10 03 24.4	
JMIC	Jan Mayen comp=Z,21.6s,baz=251,slow=36	74.80	20	LR	LR	10 05 54.7	
PSBE	So Bento baz=102	77.08	52	eP	P	09 33 09.4	-1.3
PGAV	Gavieira, Arco baz=102	77.13	50	eP	P	09 33 07.7	-3.3
PGAV	Gavieira, Arco baz=102	77.13	50	eLR	LR	09 57 36.5	
PCAS	Casmilo, Conde comp=Z,47nm,1.8s	77.23	52	eP	P	09 33 12.4	+0.9
COI	Colimbra comp=Z,1nm,1.6s	77.27	52	eP	P	09 33 13.3	+1.6
PFVI	Vila Bisbo baz=102	77.41	55	eP	P	09 33 15.6	+3.1
PNCL	Nicolau / Gran baz=102	77.49	54	eP	P	09 33 13.3	+0.4
MORF	Marleteiro baz=102	77.52	54	eP	P	09 33 15.6	+2.4
POLO	Lama de Olo comp=Z,46nm,2.0s	77.56	50	eP	P	09 33 14.6	+1.2
PMTG	Montargil comp=Z,35nm,1.6s	77.58	53	eP	P	09 33 14.3	+0.9
PVIS	Viseu baz=102	77.59	51	eP	P	09 33 11.5	-2.0
MEJU	Messejana baz=102	77.77	54	eP	P	09 33 18.2	+3.5
EVO	Evora comp=Z,2.2nm,0.9s,baz=292,slow=1.8,SNR=33	77.83	53	eP	P	09 33 12.5	-2.2
MTE	Manteigas comp=Z,25nm,1.7s	77.90	51	eP	P	09 33 13.4	-1.9
MTE	Manteigas comp=Z,976nm,20.0s	77.90	51	eSS	SS	09 48 17.9	+8.5
MTE	Manteigas	77.90	51	eLR	LR	09 57 54.3	
PBDV	Barranco-do-Ve comp=Z,53nm,1.8s	78.09	54	eP	P	09 33 14.5	-1.9
PMRV	Marv??o comp=Z,20nm,1.9s	78.17	52	eP	P	09 33 18.8	+2.1
PMRV	Marv??o comp=Z,1um,18.0s	78.17	52	eLR	LR	09 58 09.4	
MVO	Moncorvo comp=Z,90nm,18.0s	78.17	50	eLR	LR	09 58 08.6	
PVAQ	Vaqueiros comp=Z,292,slow=1.8,SNR=33	78.24	54	eP	P	09 33 17.1	0.0

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Date, Time, and other parameters. Includes stations like H29M, H29M, H29M, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Date, Time, and other parameters. Includes stations like J30M, H19K, G19K, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Date, Time, and other parameters. Includes stations like KUU, MDOK, MDOX, etc.

20d 11h

Table with columns for station name, coordinates, and status. Includes stations like YOSONDUA, MARMOL, MONTECRISTO, etc.

2018 SEP

Table with columns for station name, coordinates, and status. Includes stations like TUC, SDV, R40A, WCI, etc.

1362

Table with columns for station name, coordinates, and status. Includes stations like QZAX, GUDAU, GEDABAY, etc.

Table with columns: EIL, Elat, 11.36 340 LR, LR, 11 37 08.9, WSAR, Wadi Sarin, 18.51 73 LR, LR, 11 43 18.6, KMBO, Kiliwa Mtgo, 20.09 186 LR, LR, 11 43 03.3, BRTR, Keskin Array B, 21.25 348 P, P, 11 35 43.0 +0.6, GNI, Garni, 21.61 11 LR, LR, 11 44 55.0, TORO, Torodi Ar. Bea, 36.56 267 P, P, 11 38 01.0 -1.3, AAK, Ala-Archa, 37.91 44 LR, LR, 11 54 30.0, KURBB, Kurchatov Arra, 44.25 35 P, P, 11 39 07.1 +1.6, MKAR, Makanchi Array, 44.71 42 P, P, 11 39 11.5 +2.2, ZALV, Zalesovo Beam, 49.24 34 P, P, 11 39 45.2 +0.7, SUR, Sutherland, 54.06 199 LR, LR, 12 02 01.5, KLR, Kul'dur, 77.42 42 LR, LR, 12 20 27.1, KRSR, Korea Array, 77.64 55 LR, LR, 12 21 15.7, JHJ, Hachiojima Z, 88.19 56 LR, LR, 12 27 15.4

NEIC 20 11:38:14.2±0.6,37:24N±0.02±104:52W±0.01, h6km±3km, mb-Lg2.5±2, ML2.3/1.0, Error ellipse: s-maj=2.7km s-min=1.1km az=201.0, Colorado

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, SDCO, Great Sand Dun, 0.93 303 Op, P, 11 38 31.4 -0.7, SDCCO, 110nm,0.1s, 1.64 119 P, Pn, 11 38 43.8 -0.4, RTBA, Rita Blanca, 1.64 119 P, Pn, 11 39 05.2 -0.1, S22A, 4UR Ranch, Cr, 1.91 286 P, Pn, 11 38 49.4 -0.2, KSCO, Kaye Shedlock, 2.32 40 Pn, Pn, 11 38 54.6 +1.5, ANMO, Albuquerque, 2.77 215 Pn, Pn, 11 39 00.2 +0.8, AMTX, Amarillo, 3.29 135 Pn, Pn, 11 39 10.8 -2.2, N23A, Red Feather La, 3.82 344 Pn, Pn, 11 39 17.2 +3.4, SMWD, Samnorwood, 4.06 120 IAmB_Lg, IAmB_Lg, 11 40 30.7, OGNE, Ogallala, 4.18 27 Pn, Pn, 11 39 19.0 +0.4, NOKA, Waynoka, 4.52 96 IAmB_Lg, IAmB_Lg, 11 40 41.1, R32A, Long Quarter, 4.75 74 IAmB_Lg, IAmB_Lg, 11 40 50.0, POST, Post, 4.84 148 IAmB_Lg, IAmB_Lg, 11 40 55.4, APMT, Aspermont, 5.31 136 IAmB_Lg, IAmB_Lg, 11 41 05.6, SGCY, Sterling City, 6.00 151 IAmB_Lg, IAmB_Lg, 11 41 32.6, ABTX, Abilene, Hawle, 6.10 138 IAmB_Lg, IAmB_Lg, 11 41 32.6, U15A, North Rim, 6.28 265 Pn, Pn, 11 39 47.4 -0.4, BRDY, Brady, 7.49 141 IAmB_Lg, IAmB_Lg, 11 42 09.8, JCT, Junction City, 7.80 148 IAmB_Lg, IAmB_Lg, 11 42 36.8

NEIC 20 12:08:43.3±2.3,20:62S±0.07±173:74W±0.07, h10km±1km, mb4.5/1.9, Error ellipse: s-maj=15.1km s-min=6.5km az=321.0

IDC 20 12:09:00.3±9.9,20:82S±174:49W, h123km,33km, mb3.8/1.1, mbtmp4.2/14, MSK B/42, Error ellipse: s-maj=22.7km s-min=17.8km az=118.0

ISC 20 12:08:44.0±0.5,20:60S±0.08±173:78W±0.06, h10km±n79, s=1991/47, mb4.4/2.1, MS3.9/38, 4C, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, NIUE, Niue, 3.93 68 Op, P, 12 09 45.0 -1.7, AFI, Afiatalu, 6.92 16 Pn, Pn, 12 10 25.6 -0.0, MSVF, Nonsavu, 8.23 289 Pn, Pn, 12 10 46.0 +2.4, MSVF, Nonsavu, 8.23 289 Pn, Pn, 12 10 50.5 +6.9, RAR, Rarotonga, 13.11 95 Pn, Pn, 12 11 49.2 -1.2, PINNC, Pines Island, 17.57 260 P, P, 12 12 49.7 -0.5, DZM, Mont Dzumac, 18.48 262 P, Pn, 12 13 00.1 -0.3, DZM, Mont Dzumac, 18.48 262 P, Pn, 12 13 00.4 -0.1, URZ, Urewera, 19.28 202 P, P, 12 13 10.7 +0.7, RTZ, Ruatuhua, 19.65 202 P, P, 12 13 12.8 -0.2, BKZ, Black Stump Fm, 20.31 202 P, P, 12 13 18.2 -2.1, BFZ, Birch Farm, 21.75 201 P, P, 12 13 35.2 -0.5, PPT, Papeete, 23.07 87 LR, LR, 12 20 31.0, KHZ, Kahutara, 24.23 203 P, P, 12 14 00.3 -0.7, OXZ, Oxford, 25.58 204 P, P, 12 14 11.3 -2.0, WKZ, Wanaka, 28.05 207 P, P, 12 14 34.8 -0.7, CTA, Charters Tower, 37.41 264 LR, LR, 12 30 17.9, STKA, Stephens Creek, 41.31 245 P, P, 12 16 27.6 -2.5, COEN, Coen, 41.53 272 P, P, 12 16 30.6 -1.4, BBOO, Bucklebo, 46.05 244 P, P, 12 17 05.5 -2.7, WRR, Warramunga Arr, 48.31 261 P, P, 12 17 24.0 -2.0, AS31, Alice Springs, 48.34 256 P, P, 12 17 22.8 -3.4, ASAR, Alice Springs, 48.34 256 P, P, 12 17 23.1 -2.5, ASAR, Alice Springs, 48.34 256 P, P, 12 17 23.4 -2.8, WB0, Warramunga Arr, 48.48 261 P, P, 12 17 25.4 -1.9, WB2, Warramunga Arr, 48.48 261 P, P, 12 17 25.5 -1.8, WRA, Warramunga Arr, 48.50 261 P, P, 12 17 24.7 -2.8, WRA, Warramunga Arr, 48.50 261 P, P, 12 17 24.9 -2.5, FORT, Forest, 52.88 246 P, P, 12 17 58.1 -2.2, GUMO, Guam, 52.97 306 LR, LR, 12 39 22.1 -2.2, MTN, Mantion Dam, 53.11 269 P, P, 12 18 01.8 -0.5, KNRA, Kununurra, 54.59 265 P, P, 12 18 11.6 -1.5

Table with columns: RPN, Rapa Nui, 58.75 110 LR, LR, 12 39 49.5, NWA0, Narrogin (SRO), 61.85 243 LR, LR, 12 44 25.3, JCJ, Chichijima, 67.77 316 LR, LR, 12 43 13.0, KAPI, Kappang, 66.23 274 LR, LR, 12 48 21.7, QSPA, South Pole Qui, 69.47 180 P, P, 12 19 51.3 -1.2, QSPA, South Pole Qui, 69.47 180 P, P, 12 19 51.5 +2.6, QSPA, 65.8nm,1.1s,baz=36,slow=3.4,SNR=8.7, 12 48 32.5, MJAR, Matushiro Arr, 72.70 321 P, P, 12 20 13.7 +1.4, MJAR, 4.2nm,0.9s,baz=158,slow=5.3,SNR=6.5, 12 51 52.2, SHEM, Shemya Is, Ala, 73.78 352 LR, LR, 12 48 52.5, JNU, Natasue, 75.11 314 LR, LR, 12 48 50.7, ASAJ, Asahikawa, 75.77 329 LR, LR, 12 52 45.2, LPAZ, La Paz, 76.17 57 LR, LR, 12 47 51.7, PFO, Pinyon Flats O, 76.74 46 LR, LR, 12 47 50.9, PETK, Petropavlovsk, 77.45 343 LR, LR, 12 48 00.6, YBH, Yreka Blue Hor, 77.96 37 LR, LR, 12 50 38.4, NVAR, Mina Array Bea, 78.44 41 P, P, 12 20 50.8 +5.3, PMSA, Palmer Station, 79.60 156 LR, LR, 12 52 45.7, KRSR, Korea Array, 79.63 317 P, P, 12 20 53.1 +1.5, KRSR, 4.1nm,1.1s,baz=131,slow=8.5,SNR=7.4, 12 51 36.8, USRK, Ussuriysk Ar, 81.32 324 LR, LR, 12 53 36.4, ELK, Elko, 81.72 41 LR, LR, 12 54 12.2, BBB, Bella Bella, 82.68 26 LR, LR, 12 53 59.3, TXAR, Lajas Array, 83.81 56 P, P, 12 21 19.0 +4.8, ANMO, Albuquerque, 84.42 50 LR, LR, 12 55 58.0, KLR, Kul'dur, 84.79 328 LR, LR, 12 55 24.5, MA2, Magadan, 84.99 343 LR, LR, 12 55 14.0, NEW, Newport, 85.19 34 LR, LR, 12 55 11.1, CMIG, Matias Romero, 85.97 70 LR, LR, 12 53 32.9, PLCA, Paso Flores, 86.31 132 LR, LR, 12 51 26.6, PDAR, Pinedale Array, 86.37 42 P, P, 12 21 32.3 +5.5, ILAR, Elison Array, 87.59 11 P, P, 12 21 34.9 +2.9, VNA3, Neumayer Olymp, 87.74 175 P, P, 12 21 35.0 +2.2, SNA4, Sanae, 87.76 177 P, P, 12 21 32.2 -0.8, SNA4, Sanae, 87.76 177 P, P, 12 21 33.4 +0.4, SNA4, 2.4nm,1.1s,baz=179,slow=2.4,SNR=5.1, 13 00 11.6, VNA2, Neumayer-Watz, 88.23 176 P, P, 12 21 34.5 -0.6, VNA1, Neumayer-Stat, 88.43 175 P, P, 12 21 37.2 +1.1, ATAH, Atahualpa, 92.53 99 LR, LR, 12 56 10.4, YAK, Yakutsk, 93.72 337 LR, LR, 13 03 54.4, CMAR, Chiang Mai Arr, 93.89 288 P, P, 12 22 04.8 +2.5, YKA, Yellowknife Ar, 94.98 24 LR, LR, 12 58 04.2, LVC, Limon Vere, 95.08 116 LR, LR, 12 55 09.9, LPAZ, La Paz, 98.35 111 LR, LR, 12 59 34.6, MKAR, Makanchi Array, 114.14 313 PKiKP, PKiKP, 12 27 24.6 +0.9, KURBB, Kurchatov Arra, 116.80 317 PKP, PKiKP, 12 27 29.6 +1.0, BVAR, Borovoye Array, 121.69 320 PKP, PKiKP, 12 27 38.9 +0.8, AKAS, Malin Array Be, 144.91 334 PKP, PKPdf, 12 28 22.2 +0.9, BRTR, Keskin Array B, 149.76 315 PKPbc, PKiKP, 12 28 35.8 +0.1, GERES, GERE Array B, 151.19 350 PKPbc, PKiKP, 12 28 40.5 +2.2

NNC 20 12:18:21.2±1.3,36:90N±70:36E, h229km±25km, mb2.7, mp3.9, 2C-4D, Error ellipse: s-maj=14.9km s-min=9.2km az=3.0, Hindu Kush region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, KK31, Karatay Array, 6.20 1 P, P, 12 19 18.0 0.0, AAK, Ala-Archa, 6.56 28 P, Pn, 12 19 56.7 +0.2, AAK, 1.7nm,0.3s,baz=189,slow=26,SNR=5.9, 12 21 04.2 +0.6, AAK, 3.5nm,0.5s, 12 21 12.9 +0.7, TKM2, Tokmak, 7.24 32 P, Pn, 12 20 05.0 -0.2, TKM2, 5.3nm,0.7s, 12 21 28.2 +0.2, AB31, Akbulak array, 14.49 332 P, Pn, 12 21 36.4 +0.1

PAS 20 12:44:34.5±0.9,34:10N±0:04:117:31W±0:01, h16km±1km, ML3.4/337, ML3.2/68(NEIC), Error ellipse: s-maj=5.6km s-min=1.6km az=184.0

NEIC 20 12:44:33.8±0.7,34:12N±0:04:117:32W±0:01, h18km±3km, Error ellipse: s-maj=6.1km s-min=1.5km az=185.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, CLTC, Calectric, 0.03 181 Op, P, 12 44 37.5 +0.4, CLTC, Central Fire S, 0.03 119 Op, P, 12 44 37.8 +0.3, CFSC, Highland, 0.08 90 Op, P, 12 44 39.0 +0.2, RSBC, Riverside Bore, 1.15 183 P, P, 12 44 38.0 -0.1, RSBC, Riverside Bore, 1.15 183 P, P, 12 44 37.9 -0.2, SS2, San Seavine, 0.17 300 Op, P, 12 44 38.8 +0.2, CSP, Cedar Springs, 0.18 349 Op, P, 12 44 40.2 +0.2, SVD, Seven Oaks Dam, 0.18 95 Op, P, 12 44 42.1 +0.1, BFSC, Mount Baldy Ra, 0.31 293 Op, P, 12 44 45.5 0.0, BBSC, Beaumont Array, 0.36 67 Op, P, 12 44 46.8 0.0, BBS, Big Bear Solar, 0.36 67 Op, P, 12 44 41.6 +0.1, ELS, Elsinore Mount, 0.48 191 Op, P, 12 44 43.2 -0.4, ELS, Elsinore Mount, 0.48 191 Op, P, 12 44 43.8 -0.4, HMTC, Hemet, 0.49 148 Op, P, 12 44 42.7 -0.6, HMTC, 0.49 148 Op, P, 12 44 49.7 -0.6, DGR, Domenigoni Val, 0.54 151 Op, P, 12 44 51.1 -0.7

Table with columns: POB, Polly Butte, 0.54 143 P, P, 12 44 44.2 -0.5, HOLC, Holcomb Ridge, 0.55 308 P, P, 12 44 45.1 -0.6, BACC, Bachelor Mtn, 0.56 156 P, P, 12 44 52.9 +0.3, RHC, Rose Hills Cem, 0.59 258 P, P, 12 44 51.8 -0.8, JNH, Juniper Hills, 0.62 302 P, P, 12 44 46.0 +0.4, JNH, Mount Wilson, 0.62 280 P, P, 12 44 54.9 +0.3, CHFC, Chilo Flat St, 0.62 290 P, P, 12 44 45.9 -0.3, SANC, Santa Ana, 0.63 229 P, P, 12 44 46.3 0.0, SANC, Barre Substati, 0.64 241 P, P, 12 44 56.3 -1.1, BREC, Barre Substati, 0.64 241 P, P, 12 44 57.3 -0.6, CATECH, Caltech Cellar, 0.67 272 P, P, 12 44 57.0 +0.5, CATECH, Caltech Cellar, 0.67 272 P, P, 12 44 56.2 +0.3, GVRV, Garvey Reservo, 0.67 264 P, P, 12 44 47.1 0.0, GVRV, Caltech Rob'n, 0.67 272 P, P, 12 44 56.7 +0.2, CRPC, Garner Valley, 0.70 130 P, P, 12 44 56.1 -0.4, DLAC, Del Amo, 0.70 247 P, P, 12 44 59.5 +0.3, SBB, Saddle Back Bu, 0.70 324 P, P, 12 44 57.0 0.0, LRRR, Litterle Res, 0.71 305 P, P, 12 44 47.9 0.0, LRFC, Pasadena Art C, 0.72 274 P, P, 12 44 57.9 +0.5, PASC, Pasadena Art C, 0.72 274 P, P, 12 44 57.9 +0.2, CRY, Cary Ranch, 0.73 139 P, P, 12 44 57.8 +0.1, HYS, Haystack Butte, 0.77 344 P, P, 12 44 48.9 0.0, HYS, Blackrock camp, 0.77 94 P, P, 12 44 59.3 +0.1, BLAC, Casa Juvan, 0.80 301 P, P, 12 44 49.2 0.0, CJV, Casa Juvan, 0.80 301 P, P, 12 45 00.1 0.0, RRR, Edison Barstow, 0.80 19 P, P, 12 44 49.6 +0.8, WT2, Watts, South G, 0.80 258 P, P, 12 45 01.6 +0.3, GTM, Goat Mountain, 0.81 77 P, P, 12 44 49.1 -0.3, GTM, Griffith Obs., 0.82 270 P, P, 12 44 59.2 -1.0, GR2C, Griffith Obs., 0.82 270 P, P, 12 44 49.1 -0.3, GR2C, J Saunders Pl, 0.82 134 P, P, 12 45 00.1 -0.1, SNDA, Buzz No's Pla, 0.83 139 P, P, 12 45 00.1 -0.5, DECC, Green Verdugo, 0.85 279 P, P, 12 45 01.9 +0.1, PLM, Palomar, 0.85 154 P, P, 12 44 49.5 -0.7, PLM, Ford Ranch, An, 0.86 136 P, P, 12 45 00.8 -0.6, FRD, Ford Ranch, An, 0.86 136 P, P, 12 45 01.0 -0.5, PFO, Pinyon Flats O, 0.88 125 P, P, 12 44 50.2 -0.4, PFO, Pinyon Flats O, 0.88 125 P, P, 12 45 01.9 0.0, BHPF, BHPF Wind Flats O, 0.88 262 P, P, 12 45 03.8 +0.3, XFFO, Pion Flat, 0.88 125 P, P, 12 45 01.6 -0.4, LCGC, La Ciencga, Cu, 0.89 263 P, P, 12 44 51.5 +0.1, LCGC, Fort Macarthur, 0.91 244 P, P, 12 45 04.2 +0.4, FMP, Palm Desert, 0.91 121 P, P, 12 44 50.8 -0.3, PCD, Palm Desert, 0.91 121 P, P, 12 45 02.9 0.0, CMC, Calif City Cit, 1.18 331 P, P, 12 44 56.0 +0.3, GSC, Goldstone, Bar, 1.25 20 P, P, 12 44 57.1 +0.2, GSC, 12 45 15.2, comp=N, 558nm,0.6s, 1.62 172 Pn, Pn, 12 45 02.1 +0.6, TXK, Tecate, 1.66 159 Pn, Pn, 12 45 02.3 0.0, ISA, Isabella, Lake, 1.81 329 Pn, Pn, 12 45 04.8 +0.6, RMX, La Rumorosa, 1.83 145 Pn, Pn, 12 45 07.5 +0.6, RMX, 12 45 34.0, comp=E, 221nm,0.5s, 12 45 35.5, YUH, Yuhua Desert, 1.88 141 Pn, Pn, 12 45 06.3 -1.2, YUH, University of, 1.88 141 Pn, Pn, 12 45 33.3, YUH, 12 45 33.5, comp=N, 199nm,0.8s, 12 45 33.5, comp=E, 137nm,0.6s, 1.88 163 Pn, Pn, 12 45 06.0 +0.7, CBX, Cerro Bola, 1.88 163 Pn, Pn, 12 45 06.7 +1.0, BCW, Bitter Crk WRG, 1.91 296 Pn, Pn, 12 45 09.4 +0.8, GWY, Greenwater Val, 2.13 14 IAmB, IAmB, 12 45 45.1, GWY, comp=E, 243nm,0.8s, 12 45 45.3, GWY, comp=N, 220nm,0.5s, 12 45 45.3, CCX, Cicese, 2.31 166 Pn, Pn, 12 45 13.1 -1.9, CCX, comp=E, 156nm,0.8s, 12 45 45.9, CCX, comp=N, 175nm,0.9s, 12 45 49.0, GLA, Glamis, 2.34 116 Pn, Pn, 12 45 11.3 0.0, GLA, comp=E, 161nm,0.7s, 12 45 48.9, GLA, comp=N, 95nm,0.8s, 12 45 54.2, BLYC, Blythe, 2.35 98 Pn, Pn, 12 45 11.3 -0.2, BLYC, comp=E, 84nm,0.5s, 12 45 51.0, BLYC, comp=N, 123nm,0.7s, 12 45 53.1, ESJX, Sierra Juarez, 2.40 151 Pn, Pn, 12 45 13.2 +0.8, ESJX, 12 45 48.5, V12A, Nelson, 2.58 51 Pn, Pn, 12 45 15.5 +0.7, V12A, 12 45 57.2, comp=E, 93nm,0.6s, 12 45 58.0, V12A, comp=N, 85nm,0.5s, 12 46 15.9, TPNV, Topopah Spring, 2.95 17 IAmB, IAmB, 12 46 10.7, TPNV, comp=N, 88nm,0.9s, 12 46 15.9, SHPR, Sheep Range, 2.96 36 Pn, Pn, 12 45 21.4 +1.4, W13A, Hualapai Mount, 2.99 70 IAmB, IAmB, 12 46 11.5, W13A, comp=N, 51nm,0.4s, 12 46 14.1, VTX, Valle De La Tr, 3.01 154 Pn, Pn, 12 45 22.1 +1.4, VTX, comp=N, 58nm,0.6s, 12 46 05.4, VTX, comp=N, 90nm,0.6s, 12 46 08.0, DSP, Deep Springs, 3.29 351 Pn, Pn, 12 45 26.3 +2.0, Y14A, Wickenburg, 3.58 92 Pn, Pn, 12 45 28.8 +0.3, Y14A, 12 46 29.0, comp=E, 36nm,0.9s, 12 46 32.6, Y14A, comp=N, 51nm,0.9s, 12 46 36.2, OMMB, Old Mammoth M, 3.74 339 IAmB, IAmB, 12 46 38.4, PRN, Pahroc Range, 3.76 29 IAmB, IAmB, 12 46 42.2, PRN, comp=N, 28nm,0.8s, 12 46 46.1, PRN, comp=N, 30nm,0.5s, 12 45 39.9 +0.4, CCUT, Cedar City, 4.67 42 Pn, Pn, 12 45 46.3 +2.4, PNTR, Pine Nut, 5.29 340 Pn, Pn, 12 45 52.1 0.0

IDC 20 13:00:53.3±7.0,5:49S±147:38E, h0km, mb3.6/2, mbtmp3.6/4, ML3.5/1, MS3.2/1, Error ellipse: s-maj=103.9km s-min=62.9km az=58.0, Eastern New Guinea region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, PMG, Port Moresby, 3.90 133 Op, P, 13 01 55.1 +0.6, PMG, 9.6nm,0.4s,baz=45,slow=11,SNR=10, 13 02 41.9 +0.8, WRA, Warramunga Arr, 19.17 22 P, P, 13 05 18.5 -0.1, ASAR, Alice Springs, 22.25 214 P, P, 13 05 52.0 0.0, STKA, Stephens Creek, 26.81 191 P, P, 13 06 35.1 -0.2

KAPI Kappang 27.52 270 LR 13 21 47.1

NEIC 20 13:23:24.1±1.6, 18°28'S:0°08'17.9W:0.2, h604km±11km, mb4.0/19, Error ellipse: s-maj=24.4km s-min=8.7km az=69.0

IDC 20 13:23:25.6±1.8, 18°16'S:178°12'W, h607km±20km, mb3.2/11, mbmtpp.1/13, Error ellipse: s-maj=21.8km s-min=16.6km az=115.0

ISC 20 13:23:24.6±0.7, 18°35'S:10°17'W:0.1, h600km±n38, ±0594/39, mb3.9/23, 2C, Fiji Islands region

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

IDC 20 13:39:47.1±0.9, 1°55'S:98°02'E, h0km, mb4.3/11, mbmtpp.4/3, ML4.7/1, MS3.4/1, Error ellipse: s-maj=50.1km s-min=15.4km az=58.0

NEIC 20 13:39:50.6±0.8, 1°17'S:0°08'97.98'E:0.1, h31km±6km, mb4.4/23, Error ellipse: s-maj=17.0km s-min=9.6km az=53.0

ISC 20 13:39:50.6±0.8, 1°17'S:0°08'97.98'E:0.1, h26km±n73, ±113/61, mb4.4/23, Southwest of Sumatara

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

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

IDC 20 13:44:18.7±0.8, 34°10'S:179°06'W, h0km, mb4.4/7, mbmtpp.4/8, ML4.8/1, MS3.7/17, Error ellipse: s-maj=29.7km s-min=23.2km az=80.0

WEL 20 13:44:18.8±0.9, 34°5'±17°8'W:1.2, h33km, M4.5/23, mb5.1/12, ML4.9/25, MLV4.8/23, Mw(mb)4.4/12, Error ellipse: s-maj=0.0km s-min=0.0km az=108.0

NEIC 20 13:44:20.9±1.5, 34°45'S:1°19'W:0.0, h10km±1km, mb4.7/18, Error ellipse: s-maj=19.1km s-min=12.6km az=155.0

ISC 20 13:44:19.0±4.9, 34°32'S:0°07'178.92'W:0.10, h9km±29km, n140, ±18/21/18, mb4.6/20, MS3.9/16, 7C, South of Kermadec Islands

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like CMIG Matias Romero, ELK Eiko, PZH PanZhiHua, MA2 Magadan, HHC Hu-ho-hao-te, MKAR Makanchi Array, etc.

ASRS 20 13:52:33.40.5, 47°N, 5°8'3E, h9km, MLH3.07, Error ellipse: s-maj=12.9km s-min=2.5km az=143.4, confirmed NNC 20 13:52:37.40.5, 46°55N-82°75E, h0km, mbz=2.7, mpv3.1, Error ellipse: s-maj=4.4km s-min=2.7km az=3.0

SOME 20 13:52:39.9, 46°70N-82°68E, h25km ISC 20 13:52:34.6, 1.2, 46.689N-0.04, 82.72E, h0.03, h3km, 1.13km, n38, e240/59, 19C-5D, Kazakstan-Xinjiang border region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Lists numerous stations including MK07 Makanchi Array, MK06 Makanchi Array, MK02 Makanchi Array, etc.

IDC 20 14:04:35.0, 5.4, 34°66'S, 16°26'W, h0km, mb4.4/15, mbtmp4.4/15, MS4, 1/32, Error ellipse: s-maj=18.9km s-min=15.6km az=100.0

NEIC 20 14:04:37.5, 1.9, 34°7'S, 0.1x:16°0'W, 0.1, h10km, 1km, mb5, 1/57, Mw=5.1, Error ellipse: s-maj=18.2km s-min=15.9km az=228.0

NEIC 20 14:04:37.8, 34°66'S, 16°18'W, h24km, Moment Tensor Solution. Duration: 155 Moment tensor: Scale 10^16Nm; Mn:1.38; Mw:4.90; Ms:3.52; M1:0.10; M2:2.10; M3:3.56;

Fault plane solution: Ms:5.970000x10^16 NP1: o=323.670000, s=73.070000, t=147.390000. NP2: o=64.220000, s=58.970000, t=19.860000. Principal axes: T

6.4047, Plg35.0000°, Azm280.0000°: N -0.8674, Plg54.0000°, Azm119.0000°: P -5.5372, Plg9.0000°, Azm17.0000°; GCMT 20 14:04:50.2, 0.2, 34°60'S, 16°23'W, 0.03, h13km, 1km, Mw5.0/107, Moment Tensor Solution. s31,c41; s107,c149; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:3.05e-17; Mw:2.94e-12; M1:0.11e-10; M2:2.08e-31; Mw:0.0620x10^16 NP1: o=259.000000, s=64.000000, t=763.000000. NP2: o=128.000000, s=636.000000, t=133.000000; Principal axes: T=4.4800, Plg121.0000°, Azm128.000000°; N=0.8360, Plg24.0000°, Azm271.0000°; P=3.6440, Plg15.0000°, Azm8.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function ISC 20 14:04:37.6, 0.3, 34.635N-0.07, 16°13'W, 0.07, h10km, n220, c122/178, mb4.9/71, MS4.2/34, 7C-1D, Southern Mid-Atlantic Ridge

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Lists numerous stations including H09N1 TRISTAN DA CUN, TRIS Tristan da Cun, H09W1 TRISTAN DA CUN, H10S2 ASCENSION HYDR25, H10N1 ASCENSION HYDR26, H10N3 ASCENSION HYDR26, H10N2 ASCENSION HYDR26, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Lists numerous stations including VA06 Catapilco, CO03 El Pedregal, AC05 El Transito, GO02 Gita Guacabo, AC01 Pan de Azucar, IMLT2 Itaituba, ITAB2 Monte Alegre, PB04 IPOC Station P, GO01 Chuzmiza, BBTS Babate, PATCX Punta Patache, HMBC Humberstone, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, SAML Samuel, SAML Samuel, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, H04S3 CROZET ISLANDS 51.426, H04S2 CROZET ISLANDS 51.426, H04S1 CROZET ISLANDS 51.426, MACA Manacapuru-AM, MACA Manacapuru-AM, ETMB Extrema, MAW Mawson, MAW Mawson, MBAR Mbarara, MBAR Mbarara, BOAV Boa Vista, GSPA South Pole Qui, GSPA South Pole Qui, KIBK Kibwezi, KIBK Kibwezi, KMBO Kilima Mbogo, TAM Tamnarrasset, LOK Lok, ATAH Atahua, PMOZ Porto Moniz, SDV Santo Domingo, SDV Santo Domingo, PMPST Porto Santo, FURI Furi, SBA Scott Base, SBA Scott Base, MDT Midett, CASH Casey, PFVI Vila Bispo, PSMA Santa Maria, MORF Marlete, PBVD Barranco-do-Ve, PVAQ Vaqueiros, PVAQ Vaqueiros, ATD Arta Tunnel, PBEJ Beja, PBAR Barrancos, PESTR Estremoz, PMTG Montargil, KEST Kesra, PMRV Marv?o, PCBR Castelo Branco, ESCD Sonseca Array, ESCD Sonseca Array, PBRG Braganca, VAE Valguarnera, RPN Rapa Nui, LCR2 La Lucha 2, LCR2 La Lucha 2, CEL Celeste, IDI Anoyia, TIP Timpangrande, TIP Timpangrande, EIL Eliat, FNA Florida, MMTA Mount Meron Ar, PUN Puka, PENK Lac Senin/Sene, CTI Castel Tesino, CTI Castel Tesino, DAVOS Davos/Dischmal, FETA Feichten, DAVA Dava, ABTA Abfattersbach, SQTA Sankt Quintin, MOTA Moosalm, MYKA Terra Mystica

Table with columns: AAK, Ala-Archa, 98.35 333, LR, LR, 16 18 29.4, etc. Includes stations like WWOR, DUNE, LCMT, etc.

IDC 20 15:26:19.9, 1.9, 18.16Sx177.89W, h598km, 20km, mb3.5/9, mbtmp4.4/11, Error ellipse: s-maj=24.5km s-min=16.7km az=92.0

NEIC 20 15:26:19.6, 2.0, 18.1S:0.1x178.0W:0.1, h587km, 8km, mb4.3/50, Error ellipse: s-maj=19.3km s-min=16.8km az=126.0

ISC 20 15:26:19.7, 0.5, 18.1S:0.09x178.03W:0.09, h590km, n70, 0.094/72, mb4.2/34.3C, Fiji Islands region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like MSVF, AFI, PINN, etc.

Table with columns: SUA, Susitna One, 82.24 13, P, P, 15 37 39.8 -0.1, etc. Includes stations like J16K, J17K, etc.

BKK 20 15:41:27.1, 2.1, 18.1N:3.97E, h4km, 5km, M4.1/19, Mjma3.8/19, ML4.3/16, MLV.1/19, Myanmar

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like MHMT, SUKH, LAMP, etc.

NNC 20 15:48:35.9, 1.2, 36.92N:70.91E, h164km, 29km, mb2.9, mpv3.9, Error ellipse: s-maj=12.4km s-min=7.0km az=11.0

ISC 20 15:48:34.6, 3.7, 36.8N:0.2x70.9E:0.1, h150km, n9, 0.061/12, 1C-4D, Hindu Kush region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like AML, UCH, EKS2, etc.

NEIC 20 15:50:08.4, 2.1, 18.2S:0.2x178.3W:0.2, h590km, 8km, mb4.2/130, Error ellipse: s-maj=30.3km s-min=17.1km az=151.0

IDC 20 15:50:09.6, 1.5, 17.98S:178.51W, h601km, 16km, mb3.5/14, mbtmp4.4/16, Error ellipse: s-maj=19.4km s-min=12.9km az=132.0

ISC 20 15:50:08.9, 0.4, 18.0S:0.1x178.41W:0.1, h600km, n424, 0.058/391, mb4.2/84.1, 7C-8D, Fiji Islands region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like AS31, MSVF, AFI, etc.

Table with columns: ISA, Columbia Coile, 77.94 43, P, P, 16 01 07.1 +0.8, etc. Includes stations like AFDM, TFFO, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like LHV, Q20K, N15K, etc.

Table with columns: NWF, Wu-fen Shan, 0.51 298, i P, Pb, 18 34 58.3 -0.2, etc. Lists various station data points.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names like Reindeer, McKinley, etc.

Table with columns: M24K, Tolsona, Glenn, 2.02 126, Pn, 18 43 19.4 +0.9, etc. Lists station data points for the right side of the page.

ICD 20 18:42:44.8-1.7, 63.41N; 149.83W, h96km; 16km, mb3.8/13, mbtmp4.1/17, MS2.5/1, Error ellipse: s-maj=25.1km, s-min=15.3km az=119.0

NEIC 20 18:42:45.0-0.7, 63.35N; 0.03; 149.62W; 0.07, h102km; 5km, Error ellipse: s-maj=4.7km s-min=4.6km az=131.0

AEIC 20 18:42:46.4-0.7, 63.34N; 0.04; 149.61W; 0.08, h97km; 5km, ML3.7, ML3.8/242(NEIC), Error ellipse: s-maj=5.7km s-min=4.7km az=51.0

ISC 20 18:42:45.0-0.7, 63.33N; 0.03; 149.64W; 0.03, h106km; 5km, n228, c080/197, mb4.2/13, Central Alaska

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KRBG, BDR, ASAJ, ERM, JTM, YAK, C16K, RDOG, J17K, MJA0, MJB9, MAJO, MJAR, E18K, C18K, H18K, M17K, L18K, F19K, C19K, G19K, D19K, E19K, J19K, ACHA, F20K, K20K, J20K, B20K, IMAR, F21K, B21K, D22K, E22K, D23K, H23K, C23K, TOLK, KSRS, E24K, SML, F24K, G24K, HDA, ILAR, ILAR, SCM, D25K, F25K, BMAR, F26K, N25K, VRDI, G27K, D27M, L27K, BCAR, F28M, CTGM.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CTGM, E29M, G30M, H31M, H112, H113, H114, H115, H116, H117, H118, H119, H120, H121, H122, H123, H124, H125, H126, H127, H128, H129, H130, H131, H132, H133, H134, H135, H136, H137, H138, H139, H140, H141, H142, H143, H144, H145, H146, H147, H148, H149, H150, H151, H152, H153, H154, H155, H156, H157, H158, H159, H160, H161, H162, H163, H164, H165, H166, H167, H168, H169, H170, H171, H172, H173, H174, H175, H176, H177, H178, H179, H180, H181, H182, H183, H184, H185, H186, H187, H188, H189, H190, H191, H192, H193, H194, H195, H196, H197, H198, H199, H200, H201, H202, H203, H204, H205, H206, H207, H208, H209, H210, H211, H212, H213, H214, H215, H216, H217, H218, H219, H220, H221, H222, H223, H224, H225, H226, H227, H228, H229, H230, H231, H232, H233, H234, H235, H236, H237, H238, H239, H240, H241, H242, H243, H244, H245, H246, H247, H248, H249, H250, H251, H252, H253, H254, H255, H256, H257, H258, H259, H260, H261, H262, H263, H264, H265, H266, H267, H268, H269, H270, 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H935, H936, H937, H938, H939, H940, H941, H942, H943, H944, H945, H946, H947, H948, H949, H950, H951, H952, H953, H954, H955, H956, H957, H958, H959, H960, H961, H962, H963, H964, H965, H966, H967, H968, H969, H970, H971, H972, H973, H974, H975, H976, H977, H978, H979, H980, H981, H982, H983, H984, H985, H986, H987, H988, H989, H990, H991, H992, H993, H994, H995, H996, H997, H998, H999, H1000.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IDC, NEIC, MEX, Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Includes stations like IDC 20:01:12, NEIC 20:01:12, MEX 20:01:14, Code 20:01:14, Station Name 20:01:14, Az 20:01:14, Phase ID 20:01:14, ISC 20:01:14, Time 20:01:14, Res 20:01:14, ISC 20:01:14.

20d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like Minshuiung, Tuku, Vario, Raja-Jooseppi, Oulanka, Rieki, Kaamanen, ARCESS Array S, etc.

2018 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like Lovozero, Vario, Raja-Jooseppi, Oulanka, Rieki, Kaamanen, ARCESS Array S, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include stations like Guarumal, Vera, Guarumal, Vera, Guarumal, Vera, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like BG3, X48A, W52A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like EIDS, DZM, WBO, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like IDC, NEIC, ISC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like IDC, NEIC, ISC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like IDC, NEIC, ISC, etc.

R32K	baz=136 Eaglecrest baz=128	53.08 334	P	P	22 39 28.1 +1.6	PLCA	baz=119,SNR=6.1 Paso Flores comp=Z,2.4nm,0.9s,ba comp=Z,2.4nm,0.9s	59.15 159	P	P	22 40 10.9 +0.8	MCK	McKinley baz=116 Birch Creek	61.90 336	P	P	22 40 28.8 +0.2
LMEL	Las Melosas	53.19 155	P	I Amb	22 39 28.8 +1.0	G30M	Ach Zhai Nji baz=130	59.23 342	P	P	22 40 11.4 +1.1	H25L	Malcom River	61.93 339	P	P	22 40 29.5 +0.8
LMEL	comp=Z,1.1nm,1.0s				22 39 46.9	L26K	Log Cabin Wild L26K	59.35 336	P	I Amb	22 40 11.9 +0.7	D27M	Slope Mountain baz=110	62.03 343	P	P	22 40 29.7 +0.3
P32M	Atlin	53.58 336	P	P	22 39 31.1 +1.0	L26K	Log Cabin Wild baz=121	59.35 336	P	P	22 40 12.8	O20K	Sheek Mountain baz=122	62.07 331	P	P	22 40 30.2 +0.4
S31K	Pelican	53.62 333	P	P	22 39 31.1 +0.8	LNK	Inuvik	59.36 344	P	P	22 40 11.3 +0.2	BMAR	Burnt Mountain	62.12 340	P	P	22 40 29.6 -0.4
P33M	Teslin, Yukon	53.63 337	P	P	22 39 31.3 +0.7	LNK	Inuvik	59.36 344	LR	LR	23 09 57.9	F26K	Sheek River baz=122	62.12 341	P	P	22 40 29.8 -0.2
CPUP	Villa Florida	54.01 139	LR	LR	23 02 27.3	LNK	Inuvik	59.36 344	P	P	22 40 11.3 +0.2	P19K	Oil Pt baz=109	62.21 330	P	P	22 40 30.4 -0.3
N32M	Quiet Lake	54.35 338	P	P	22 39 36.7 +1.0	H29M	Whitestone	59.41 341	P	I Amb	22 40 11.5 0.0	SKT	Skwentna	62.27 333	P	I Amb	22 40 31.6 +0.5
BDFB	Brasilia	54.37 122	P	P	22 39 37.0 +0.5	H29M	Whitestone	59.41 341	P	I Amb	22 40 13.0 0.0	SKT	Skwentna	62.27 333	P	P	22 40 32.1 +1.0
PLBC	Pleasant Camp baz=126	54.56 335	P	P	22 39 37.8 +0.6	H29M	Whitestone	59.41 341	P	P	22 40 11.9 +0.4	G25K	Bearman Lake baz=120	62.28 339	P	P	22 40 31.0 0.0
WHY	Whitehorse	54.71 337	P	P	22 39 39.6 +1.1	K27K	Chicken	59.41 338	P	I Amb	22 40 11.6 +0.1	BWN	Browne	62.31 336	P	P	22 40 31.3 0.0
FARO	Faro, Yukon	55.16 339	P	I Amb	22 39 42.2 +0.6	K27K	Chicken	59.41 338	P	I Amb	22 40 12.1 +0.6	H24K	Noodor Dome	62.46 338	P	P	22 40 32.8 +0.5
FARO	comp=Z,4.1nm,0.9s				22 39 52.1	K27K	Chicken	59.41 338	P	P	22 40 12.1 +0.6	H24K	Noodor Dome	62.46 338	P	P	22 40 33.0 +0.7
FARO	Faro, Yukon	55.16 339	P	P	22 39 43.1 +1.5	I28M	Miner Creek	59.46 340	P	I Amb	22 40 13.6 +1.6	F25K	Christian Rive	62.55 340	P	I Amb	22 40 33.7 +0.8
P30M	Million Dollar	55.20 335	P	P	22 39 43.0 +1.1	I28M	Miner Creek	59.46 340	P	I Amb	22 40 15.0	F25K	Christian Rive	62.55 340	P	I Amb	22 40 34.6
P29M	Windy Craggy	55.23 335	P	I Amb	22 39 42.9 +0.7	I28M	Miner Creek	59.46 340	P	P	22 40 13.2 +1.2	F25K	Christian Rive	62.55 340	P	P	22 40 33.6 +0.7
P29M	Windy Craggy	55.23 335	P	I Amb	22 39 53.4	EGAK	Eagle	59.49 339	P	P	22 40 13.3 +1.2	KTH	Kantishna Hill	62.63 335	P	P	22 40 34.4 +0.9
O30N	Mendenhall	55.24 336	P	I Amb	22 39 43.1 +0.8	SFJD	Kangerlussuaq	59.50 18	LR	LR	23 07 25.2	I23K	Minto, Yukon-K baz=118,SNR=5.4	62.69 337	P	P	22 40 34.5 +0.7
O30N	Mendenhall	55.24 336	P	I Amb	22 39 45.0	F30M	Barrier River	59.51 343	P	P	22 40 12.5 +0.3	G24K	Hadweenzic Riv	62.72 339	P	P	22 40 34.0 +0.2
M31M	Drury Creek, Y	55.51 338	P	P	22 39 44.9 +0.8	FID	Port Fidalgo	59.55 333	P	P	22 40 14.0 +1.4	G24K	Hadweenzic Riv	62.72 339	P	P	22 40 34.5 +0.5
M31M	Drury Creek, Y	55.51 338	P	P	22 39 45.0 +0.8	P23K	Montague Islan	59.62 332	P	P	22 40 14.2 +1.1	Q18K	Katmai Hardscr	62.76 329	P	P	22 40 34.4 -0.1
N31M	Braeburn, Yuko	55.57 337	P	I Amb	22 39 45.4 +0.8	KLU	Klutina	59.65 334	I Amb	I Amb	22 40 31.0	BPBW	Bear Paw Mtn.	62.88 336	P	I Amb	22 40 34.8 -0.3
N31M	Braeburn, Yuko	55.57 337	P	I Amb	22 39 46.9	KLU	Klutina	59.65 334	P	P	22 40 14.5 +1.2	BPBW	Bear Paw Mtn.	62.88 336	P	I Amb	22 40 35.2 +0.1
N31M	Braeburn, Yuko	55.57 337	P	I Amb	22 39 45.7 +1.2	G29P	Pine Creek	59.73 341	P	P	22 40 14.3 +0.5	PPLA	Purkeypile	62.90 334	P	P	22 40 35.6 +0.1
HYT	Haines Junctio	55.83 336	P	I Amb	22 39 47.9 +1.3	GLI	Glacier Island	59.87 333	P	P	22 40 15.0 +0.9	M20K	Styx River	62.94 333	P	I Amb	22 40 36.6 +1.0
HYT	Haines Junctio	55.83 336	P	I Amb	22 39 58.7	GLI	Glacier Island	59.87 333	P	P	22 40 16.1 +1.3	M20K	Styx River	62.94 333	P	I Amb	22 40 45.7
HYT	Haines Junctio	55.83 336	P	I Amb	22 39 48.0 +1.4	M24K	Tolsona, Glenn	60.04 335	P	P	22 40 17.2 +1.2	C27K	Jago River	63.05 343	P	P	22 40 35.8 +0.1
PNL	Peninsula	55.94 334	P	P	22 39 47.8 +0.5	RES	Resolute Bay	60.08 360	LR	LR	23 07 41.0	C27K	Jago River	63.05 343	P	P	22 40 37.2 +1.1
O29M	Monto Kennedy	55.95 335	P	P	22 39 47.6 +0.1	SCRK	Sand Creek	60.09 337	I Amb	I Amb	22 40 17.3 +0.9	H23K	Yukon River	63.06 338	P	P	22 40 36.6 +0.5
N30M	Aishikik Lake	56.05 337	P	I Amb	22 39 49.0 +0.9	SCRK	Sand Creek	60.09 337	I Amb	I Amb	22 40 18.5	Q17K	Contact Creek	63.09 328	P	P	22 40 36.9 +0.6
N30M	Aishikik Lake	56.05 337	P	I Amb	22 40 06.3	SCRK	Sand Creek	60.09 337	P	P	22 40 17.4 +1.0	P18K	Big Mountain,	63.09 330	P	P	22 40 36.9 +0.3
N30M	Aishikik Lake	56.05 337	P	P	22 39 49.0 +0.9	I27K	Kandik River	60.12 339	P	P	22 40 17.3 +0.8	MLY	Manley	63.17 337	P	P	22 40 37.3 +0.3
YUK6	Outpost Mounta	56.24 336	P	P	22 39 50.6 +0.9	PAX	Paxson	60.16 336	P	P	22 40 17.9 +1.0	MLY	Manley	63.17 337	P	P	22 40 37.4 +0.3
YUK4	Talbot Arm	56.59 336	P	P	22 39 53.3 +1.3	J26L	Joseph Creek	60.21 338	I Amb	I Amb	22 40 17.7 +0.5	N19K	Bonanza Creek	63.18 331	P	P	22 40 37.6 +0.3
M30M	Minto, Yukon	56.62 338	P	I Amb	22 39 52.6 +0.5	J26L	Joseph Creek	60.21 338	I Amb	I Amb	22 40 18.8	O18K	Koktuh Hills	63.22 340	P	P	22 40 37.7 +0.2
M30M	Minto, Yukon	56.62 338	P	I Amb	22 39 55.1	J26L	Joseph Creek	60.21 338	P	P	22 40 18.3 +1.1	F24K	Squaw Lake	63.26 330	P	P	22 40 37.9 +0.2
M30M	Minto, Yukon	56.62 338	P	P	22 39 53.3 +1.3	J26L	Joseph Creek	60.21 338	P	P	22 40 18.3 +0.6	L20K	Farewell, AK	63.48 333	P	P	22 40 39.8 +0.6
O28M	Mount Upton	56.88 335	P	P	22 39 55.4 +1.1	RIDG	Independent Ri	60.30 337	P	P	22 40 18.8 +1.0	M19K	Big River Lodg	63.51 333	P	P	22 40 40.1 +0.8
YUK8	Steele Glacier	57.00 336	P	P	22 39 56.5 +1.5	RIDG	Independent Ri	60.30 337	P	P	22 40 18.8 +1.0	C26K	Camden Bay	63.56 343	P	P	22 40 40.2 +0.7
M29M	Somme Creek	57.16 337	P	P	22 39 57.2 +1.3	A36M	Sachs Harbour	60.32 349	P	P	22 40 17.6 0.0	Q16K	KW 123	63.59 329	P	P	22 40 40.2 +1.3
M29M	Somme Creek	57.16 337	P	P	22 39 57.6 +1.7	A36M	Sachs Harbour	60.32 349	P	P	22 40 17.9 +0.3	P17K	Kvichak River	63.63 329	P	P	22 40 40.5 +0.4
MESA	MESA	57.30 334	P	P	22 39 58.0 +0.9	SCM	Sheep Creek Mo	60.40 334	P	P	22 40 19.0 +0.5	G23K	Bananza Creek	63.63 338	I Amb	I Amb	22 40 50.0
L29M	L29M	57.43 338	P	I Amb	22 39 56.5 -1.4	PWL	Port Wells	60.41 333	P	P	22 40 19.8 +1.3	G23K	Bananza Creek	63.63 338	P	P	22 40 40.3 +0.2
L29M	L29M	57.43 338	P	I Amb	22 39 59.9	H27K	Steamboat Moun	60.44 340	P	P	22 40 19.6 +0.9	D25K	Kavik River	63.68 342	P	P	22 40 40.9 +0.5
L29M	L29M	57.43 338	P	I Amb	22 39 58.9 +1.1	I26K	Coal Creek Min	60.49 339	P	I Amb	22 40 18.5 -0.5	I21K	Tanana	63.71 336	P	I Amb	22 40 41.1 +0.5
CTG	Chitna Glacier	57.46 335	P	P	22 39 59.1 +0.9	I26K	Coal Creek Min	60.49 339	P	I Amb	22 40 20.4	I21K	Tanana	63.71 336	P	I Amb	22 40 43.0
GRNC	Granite Creek	57.51 334	P	I Amb	22 39 59.4 +0.8	M23K	Glacier View	60.55 334	P	P	22 40 20.0 +1.0	I21K	Tanana	63.71 336	P	I Amb	22 40 41.3 +0.8
GRNC	Granite Creek	57.51 334	P	I Amb	22 40 01.3	SEW	Seward	60.60 332	P	P	22 40 20.3 +0.6	I21K	Tanana	63.71 336	P	I Amb	22 40 41.4 +0.6
YUK3	Moose Creek	57.55 336	P	P	22 39 59.9 +1.0	E29M	Blow River	60.63 343	P	P	22 40 20.7 +0.8	E24K	Your Creek	63.74 340	P	P	22 40 41.4 +0.6
K29M	Barlow Dome	57.66 339	P	I Amb	22 39 59.8 +0.3	E29M	Blow River	60.63 343	P	P	22 40 30.0	R16K	Pilot Point	63.77 327	P	P	22 40 42.0 +1.0
K29M	Barlow Dome	57.66 339	P	I Amb	22 40 02.1	E29M	Blow River	60.63 343	P	P	22 40 20.1 +0.3	H22K	Ishlaltitna Cre	63.77 337	P	P	22 40 40.8 -0.2
ISLE	Juniper Island	57.69 334	P	I Amb	22 40 00.8 +1.0	KNK	Knik Glacier	60.70 333	P	P	22 40 20.1 -0.4	N18K	Kilae Creek	63.80 331	P	P	22 40 41.9 +0.7
ISLE	Juniper Island	57.69 334	P	I Amb	22 40 02.4	KNK	Knik Glacier	60.70 333	P	P	22 40 20.8 +0.3	L19K	White Mountain	63.80 333	P	P	22 40 41.6 +0.3
J30M	Hart River	57.71 340	P	P	22 40 00.1 +0.3	F28M	Old Crow	60.73 342	P	P	22 40 21.0 +0.4	K20K	Telida	63.87 334	P	I Amb	22 40 50.9
J30M	Hart River	57.71 340	P	P	22 40 00.7 +0.9	F28M	Old Crow	60.73 342	P	P	22 40 21.3 +0.7	K20K	Telida	63.87 334	P	I Amb	22 40 41.9 +0.2
H31M	Peel River	57.88 342	P	P	22 40 02.0 +1.1	SML	Sawmill	60.82 334	P	P	22 40 21.8 +0.5	CHGN	Chignik	63.91 326	P	P	22 40 42.9 +0.9
CRQE	Cirque	58.09 334	P	P	22 40 03.7 +1.2	SML	Sawmill	60.82 334	P	P	22 40 22.3 +1.0	COLD	Coldfoot	63.92 339	P	P	22 40 42.8 +0.8
I30M	Mount Dempster	58.14 340	P	I Amb	22 40 03.4 +0.5	G27K	Doyon Strip	60.82 340	P	I Amb	22 40 21.4 +0.1	M18K	Stony River	64.02 332	P	P	22 40 43.2 +0.6
I30M	Mount Dempster	58.14 340	P	I Amb	22 40 03.9	G27K	Doyon Strip	60.82 340	P	I Amb	22 40 22.6	E23K	Chandalar	64.09 340	P	P	22 40 43.7 +0.5
I30M	Mount Dempster	58.14 340	P	I Amb	22 40 03.7 +0.9	WAT6	Susitna Watana	60.91 335	P	P	22 40 20.0 +0.9	E23K	Chandalar	64.09 340	P	P	22 40 43.6 +0.4
BERG	Berg Lake	58.17 333	P	I Amb	22 40 04.3 +1.3	J25K	Salcha River,	60.94 337	P	I Amb	22 40 22.1 0.0	O17K	Koliganek Bris	64.11 330	P	P	22 40 43.5 +0.8
BERG	Berg Lake	58.17 333	P	I Amb	22 40 14.8	J25K	Salcha River,	60.94 337	P	I Amb	22 40 22.9 +0.8	J20K	Nowinta River	64.19 335	I Amb	I Amb	22 40 44.1
KAIM	Kayak Island	58.25 333	P	P	22 40 04.1 +0.5	DHY	Denali Highway	60.98 335	P	P	22 40 23.3 +0.7	J20K	Nowinta River	64.19 335	P	P	22 40 43.2 -0.6
MCARA	McCarthy VSAT	58.38 335	P	I Amb	22 40 05.5 +1.1	GHO	Glory Hole Cre	61.05 334	P	P	22 40 23.4 +0.5	H21K	Melozitna Rive	64.22 337	P	I Amb	22 40 43.9 0.0
MCARA	McCarthy VSAT	58.38 335	P	I Amb	22 40 07.3	BRSE	Bradley Lake S	61.06 331	P	P	22 40 23.9 +0.9	H21K	Melozitna Rive	64.22 337	P	I Amb	22 40 53.0
MCARA	McCarthy VSAT	58.38 335	P	I Amb	22 40 06.1 +1.6	PMR	Palmer	61.07 333	P	P	22 40 22.7 -0.2	H21K	Melozitna Rive	64.22 337	P	I Amb	22 40 43.3 -0.6
M27K	Edge Creek, AK	58.42 336	P	I Amb	22 40 06.3 +1.4	RC01	Rabbit Creek A	61.13 333	P	P	22 40 23.8 +0.4	G22K	Bettles	64.25 338			

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRU2, MLIR3, LPLA, etc.

Table with columns: RTZ, Ruatahuna, 17.65 161, Iamb, Iamb. Includes stations like ARKZ, ARMA, GRZ, etc.

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

NOU 20 23:56:05.0, 21:89S:170:04E, h0km, ML4.2/10, Southeast of Loyalty Islands
IDC 20 23:56:07.5, 0.8, 21:94S:169:90E, h0km, mb4.3/8, mbmp4.2/10, ML4.3/2, MS3.5/8, Error ellipse: s-maj=24.8km s-min=21.9km az=162.0

NOU 21 00:25:35.8, 15:97S:168:34E, h1km, mb4.9/53, Vanuatu Islands
GCMT 21 00:25:37.8, 0.3, 15:91S:0:05:168:38E:0:03, h19km, 1km, MW4.9/77, Moment Tensor Solution. s22:c24; s77:c89; Duration: 0 Moment tensor: Scale 10^22N; Mr:2.17e18; Mw:0.18t; 12; Mw:0.19t; 13; Mw:0.03t; 31; Mw:0.44t; 09; Mr:1.31t; 24; Best double couple: M2:497000;1016

21d Oh

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like PNNC Pines Island, HNR Honiara, RAO Raoul Island, etc.

2018 SEP

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like WHN Wuhan, MDJ Mudanjiang, KULM Kulim, etc.

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Table with columns for station name, elevation, frequency, and other parameters. Includes stations like L17K Donlin, M18K Stony River, BRLK Bradley Lake, etc.

RAGM	Ragged Mountai	84.97	21	P	P	00 38 11.5	-0.2
M23K	Glacier View	84.98	19	P	P	00 38 12.1	+0.6
J20K	Nowinta River	84.98	16	P	P	00 38 12.0	+0.4
J20K	Nowinta River	84.98	16	P	P	00 38 11.9	+0.4
SHL	Shilling	85.02	298	P	P	00 38 12.1	-0.8
HMT	Hamilton	85.08	22	P	P	00 38 12.0	-0.1
DIV	Divide	85.13	20	P	P	00 38 12.4	0.0
SCM	Sheep Creek Mo	85.13	19	P	P	00 38 12.1	-0.3
SCM	Sheep Creek Mo	85.13	19	P	P	00 38 12.5	+0.1
BCW	Bitter Crk WRg	85.19	52	P	P	00 38 14.0	+0.6
CHUM	Lake Minchom	85.23	16	P	P	00 38 12.6	-0.2
BGLC	Bering Glacier	85.28	22	P	P	00 38 13.2	+0.1
F17K	Baldwin Pennin	85.28	12	P	P	00 38 13.5	+0.6
F17K	Baldwin Pennin	85.28	12	P	P	00 38 13.4	+0.5
BERG	Berg Lake	85.32	22	P	P	00 38 13.2	-0.1
KLU	Klutina	85.34	20	P	P	00 38 12.9	+0.6
G18K	Tagagawik	85.35	13	P	P	00 38 13.3	-0.1
G18K	Tagagawik	85.35	13	P	P	00 38 13.9	0.0
G18K	Tagagawik	85.35	13	P	P	00 38 13.8	+0.5
KTH	Kantishna Hill	85.36	17	P	P	00 38 12.4	-1.1
I20K	Naaghedeneel	85.40	15	P	P	00 38 14.1	+0.6
I20K	Naaghedeneel	85.40	15	P	P	00 38 13.8	+0.2
BMRM	Bremner River	85.41	21	P	P	00 38 13.5	-0.3
BMRM	Bremner River	85.41	21	P	P	00 38 13.8	0.0
SNH	Sunshine Point	85.49	22	P	P	00 38 14.6	+0.4
WAT1	Susitna Watana	85.50	18	P	P	00 38 14.1	0.0
H19K	Roundabout Mou	85.53	14	P	P	00 38 14.5	+0.3
H19K	Roundabout Mou	85.53	14	P	P	00 38 14.4	+0.2
ORV	Orville	85.54	47	P	P	00 38 15.2	+0.2
WAT6	Susitna Watana	85.56	19	P	P	00 38 14.9	+0.2
YBH	Yreka Blue Hor	85.64	44	P	P	00 38 16.3	+0.8
YBH	Yreka Blue Hor	85.64	44	P	P	00 38 17.1	+1.7
AFDM	Forest Hills D	85.66	48	P	P	00 38 15.8	+0.2
WAX	Waxell Ridge	85.67	22	P	P	00 38 14.9	-0.2
M24K	Tolsona, Glenn	85.71	20	P	P	00 38 15.1	-0.2
M24K	Tolsona, Glenn	85.71	20	P	P	00 38 16.0	+0.7
CMB	Columbia Colle	85.71	49	P	P	00 38 16.1	+0.3
E17K	Hotham Inlet	85.73	11	P	P	00 38 15.4	+0.2
F18K	Selawik	85.74	12	P	P	00 38 15.3	+0.1
BPAW	Bear Paw Mtn.	85.77	17	P	P	00 38 14.7	-0.8
BPAW	Bear Paw Mtn.	85.77	17	P	P	00 38 15.6	+0.1
CRQM	Cirque	85.78	22	P	P	00 38 15.4	-0.4
CRQE	Cirque	85.79	22	P	P	00 38 15.6	-0.2
MESA	MESA	85.81	22	P	P	00 38 15.8	-0.1
MESA	MESA	85.81	22	P	P	00 38 15.6	-0.4
RND	Reindeer	85.84	18	P	P	00 38 15.5	-0.4
HUMO	Hull Mountain	85.86	44	P	P	00 38 17.8	+1.4
N25K	Chitina, Valde	85.87	21	P	P	00 38 14.8	-1.3
N25K	Chitina, Valde	85.87	21	P	P	00 38 15.9	-0.2
H20K	Anoteneega Mo	85.87	15	P	P	00 38 16.2	+0.2
TGL	Tana Glacier	85.89	22	P	P	00 38 17.3	0.0
G19K	Purcell Mounta	85.90	13	P	P	00 38 16.3	+0.3
VRDI	Verde Repeater	85.99	21	P	P	00 38 18.4	0.0
YAH	Yahste	86.01	22	P	P	00 38 18.4	0.0
GLB	Gilghina Butte	86.02	21	P	P	00 38 17.8	0.0
DHY	Denali Highway	86.04	19	P	P	00 38 26.7	0.0
DHY	Denali Highway	86.04	19	P	P	00 38 16.3	-0.7
D17K	Noatak River	86.05	11	P	P	00 38 17.3	+0.5
MCK	McKinley	86.07	18	P	P	00 38 16.7	-0.3
MCK	McKinley	86.07	18	P	P	00 38 16.7	-0.3
HATC	Hat Creek Radi	86.10	46	P	P	00 38 18.4	+0.7
ISA	Isabella, Lake	86.18	51	P	P	00 38 19.4	+1.1
HARP	HAARP	86.25	20	P	P	00 38 18.2	+0.3
BWN	Brown	86.25	17	P	P	00 38 17.6	-0.2
MCARA	McCarthy VSAT	86.25	21	P	P	00 38 17.9	0.0
MCARA	McCarthy VSAT	86.25	21	P	P	00 38 17.9	0.0
GRNC	Granite Creek	86.26	22	P	P	00 38 17.8	-0.5
E18K	Tukpahleark C	86.27	12	P	P	00 38 18.4	+0.6
E18K	Tukpahleark C	86.27	12	P	P	00 38 18.3	+0.5
CCAC	Calif City Air	86.33	52	P	P	00 38 20.0	+1.0
F19K	Shaleruckik Mo	86.33	13	P	P	00 38 18.0	-0.2
F19K	Shaleruckik Mo	86.33	13	P	P	00 38 18.4	+0.3
PCA	Pinnacle	86.39	23	P	P	00 38 18.0	-0.7
PINM	Pinnacle	86.39	23	P	P	00 38 18.4	-0.3
RDOG	Red Dog Mine	86.40	10	P	P	00 38 19.1	+0.6
RDOG	Red Dog Mine	86.40	10	P	P	00 38 18.6	+0.1
PNL	Peninsula	86.44	24	P	P	00 38 18.5	-0.4
MPK	Martis Peak	86.47	48	P	P	00 38 20.2	+0.4
H21K	Melozitna River	86.52	15	P	P	00 38 19.3	+0.2
H21K	Melozitna River	86.52	15	P	P	00 38 19.1	0.0
IMAR	Indian Mountain	86.55	15	P	P	00 38 19.7	+0.4
OMMB	Old Mammoth M	86.55	49	P	P	00 38 21.2	+0.9

PAX	Paxson	86.56	19	P	P	00 38 19.1	-0.4
MLY	Manley	86.56	16	P	P	00 38 18.9	+0.2
MLY	Manley	86.56	16	P	P	00 38 19.5	-0.6
CTG	Chitna Glacier	86.56	22	P	P	00 38 19.3	-0.3
WAKR	Walker	86.58	48	P	P	00 38 21.5	+1.2
LOGN	Logan Glacier	86.59	22	P	P	00 38 25.2	0.0
S31K	Pelica	86.64	26	P	P	00 38 19.3	-0.6
NEA2	Nenana	86.68	17	P	P	00 38 21.2	0.0
NEA2	Nenana	86.68	17	P	P	00 38 18.8	-1.2
PNTR	Pine Nut	86.70	48	P	P	00 38 21.8	+0.9
C17K	Delong Mountai	86.73	10	P	P	00 38 19.9	-0.2
I04A	Tendick Farm,	86.73	43	P	P	00 38 21.1	+0.4
O28M	Mount Upton	86.86	23	P	P	00 38 20.9	-0.4
WRH	Wood River Hill	86.87	17	P	P	00 38 21.3	0.0
RMX	La Rumorosa	86.89	55	P	P	00 38 23.1	+1.2
YERR	Yerington	86.91	48	P	P	00 38 22.8	+0.9
PFO	Pinyon Flats O	86.95	54	P	P	00 38 22.6	+0.5
PFO	Pinyon Flats O	86.95	54	P	P	00 38 23.5	+1.4
F20K	Avaraat Lake	86.96	13	P	P	00 38 21.9	+0.7
F20K	Avaraat Lake	86.96	13	P	P	00 38 21.6	+0.4
M26K	Nabesna, AK	86.97	21	P	P	00 38 21.5	+0.1
E19K	Nabesna, AK	86.97	21	P	P	00 38 21.9	+0.5
YUH	Yuha Desert	87.03	55	P	P	00 38 23.2	+0.9
G21K	Allakaket	87.03	14	P	P	00 38 23.2	0.0
P29M	Windy Craggy	87.06	24	P	P	00 38 23.4	0.0
P29M	Windy Craggy	87.06	24	P	P	00 38 21.9	0.0
S32K	Killinsno	87.06	27	P	P	00 38 22.7	+0.8
S32K	Killinsno	87.06	27	P	P	00 38 21.8	-0.1
H22K	Ishtalina Cre	87.07	15	P	P	00 38 20.8	-1.0
CCB	Clear Creek Bu	87.08	17	P	P	00 38 22.2	0.0
PAHR	Pah Rah Rang	87.09	47	P	P	00 38 23.6	+0.8
MENT	Mentasta	87.10	20	P	P	00 38 23.3	+1.2
HDA	Harding Lake	87.15	18	P	P	00 38 21.3	-1.0
LHV	Little Huntoon	87.16	49	P	P	00 38 23.1	+0.3
O29M	Mount Kennedy	87.16	24	P	P	00 38 21.9	-0.6
O29M	Mount Kennedy	87.16	24	P	P	00 38 22.1	-0.5
DSP	Deep Springs	87.21	50	P	P	00 38 26.2	0.0
C18K	Utukok River	87.23	11	P	P	00 38 22.2	-0.4
COLA	Collette River	87.24	17	P	P	00 38 21.6	-0.9
COLA	Collette River	87.24	17	P	P	00 38 22.3	-0.3
COLA	Collette River	87.24	17	P	P	00 38 22.6	0.0
H04A	Detroit Lake	87.26	42	P	P	00 38 23.8	+0.5
L26K	Log Cabin Wild	87.28	20	P	P	00 38 24.9	0.0
J56K	Log Cabin Wild	87.28	20	P	P	00 38 22.9	0.0
L26K	Log Cabin Wild	87.28	20	P	P	00 38 24.4	+0.9
J05D	Fort Rock, Or	87.29	44	P	P	00 38 26.3	0.0
RYN	Ryan	87.29	49	P	P	00 38 24.2	+0.5
GSC	Goldstone, Bar	87.31	52	P	P	00 38 24.6	+0.8
RIDG	Independent Ri	87.31	19	P	P	00 38 24.5	0.0
RIDG	Independent Ri	87.31	19	P	P	00 38 22.6	-0.5
M27K	Edge Creek, AK	87.32	21	P	P	00 38 24.8	0.0
M27K	Edge Creek, AK	87.32	21	P	P	00 38 22.5	-0.8
YUK8	Steele Glacier	87.35	22	P	P	00 38 23.1	-0.5
NVAR	Mina Array Bea	87.37	49	P	P	00 38 25.2	+1.0
NVAR	Mina Array Bea	87.37	49	P	P	00 38 24.8	+0.6
YUK3	Moose Creek	87.42	22	P	P	00 38 23.1	-0.8
ILAR	Eielson Array	87.44	18	P	P	00 38 22.0	-1.6
ILAR	Eielson Array	87.44	18	P	P	00 38 22.1	-1.5
IL03	Eielson Array	87.45	18	P	P	00 38 22.4	-1.2
NV11	Mina Array Sit	87.48	49	P	P	00 38 25.0	+0.3
H23K	Yukon River	87.49	16	P	P	00 38 23.2	-0.7
PLBC	Pleasant Camp	87.50	25	P	P	00 38 23.1	-0.9
GRAC	Grapevine Rang	87.51	51	P	P	00 38 25.5	+0.8
POKR	Poker Plat Res	87.54	17	P	P	00 38 22.9	-1.2
POKR	Poker Plat Res	87.54	17	P	P	00 38 23.2	-0.9
BESE	Bessie Mounta	87.60	26	P	P	00 38 24.7	+0.1
F21K	Alatna River	87.61	14	P	P	00 38 24.9	+0.5
F21K	Alatna River	87.61	14	P	P	00 38 24.0	-0.5
YUK6	Outpost Mounta	87.65	23	P	P	00 38 25.0	-0.1
F04A	Amboy	87.65	41	P	P	00 38 25.4	+0.3
D19K	Kuna River	87.67	12	P	P	00 38 25.4	+0.6
D19K	Kuna River	87.67	12	P	P	00 38 24.4	-0.3
P30M	Million Dollar	87.67	24	P	P	00 38 24.4	-0.5
GMN	Gold Mountain	87.71	50	P	P	00 38 26.4	+0.6

GWY	Greenwater Val	87.73	51	P	P	00 38 26.9	+1.0
SCRK	Sand Creek	87.74	19	P	P	00 38 24.5	-0.8
SCRK	Sand Creek	87.74	19	P	P	00 38 24.9	-0.4
B18K	Kokolik River	87.75	10	P	P	00 38 24.7	-0.3
KVN	Kaiserville	87.75	48	P	P	00 38 26.6	+0.6
MZP	Montezuma Peak	87.76	50	P	P	00 38 26.1	-0.1
J25K	Salcha River,	87.77	18	P	P	00 38 25.8	-0.9
J25K	Salcha River,	87.77	18	P	P	00 38 24.8	-0.6
YUK4	Talbot Arm	87.80	23	P	P	00 38 25.6	-0.1
L27K	Beaver Creek,	87.81	20	P	P	00 38 25.4	-0.1
L27K	Beaver Creek,	87.81	20	P	P	00 38 25.8	+0.1
BCAR	Beaver Creek A	87.83	20	P	P	00 38 25.5	-0.1
G22K	Bettles	87.84	15	P	P	00 38 25.6	0.0
E20K	Nigu River	87.86	13	P	P	00 38 25.6	0.0
CLRS	Cowichan Lake	87.90	38	P	P	00 38 27.1	+0.9
HYT	Haines Junctio	87.90	23	P	P	00 38 25.6	-0.5
HYT	Haines Junctio	87.90	23				

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CSS Mathiatis, ASGA Asgata, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CO03 El Pedregal, CO03 El Pedregal, VA06 Capatlico, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOMM Gongs Array, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

NIED 21 00:29:39.3, 36.80N, 138.10E, h8km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mw=0.97; Mww=2.77; Mw=1.80; Mw=0.41; Mw=2.74; Mw=0.36; Fault plane solution: M3.60000x10^14 NP1; phi=340.00000, delta=89.00000, lambda=7.00000. NP2: phi=250.00000, delta=83.00000, lambda=179.00000.

JMA 21 00:29:39.3, 0.1, 36.8N, 0.2E, h8km, 1km, MW3.5/20, 3D, SW NIIGATA PREF, Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAT Matsushiro, JNG Nsakai, JNG Kuni, etc.

SJA 21 00:40:53.7, 0.8, 31.35S, 71.74W, h22km, 2km, ML3.5, MW3.5

GUC 21 00:40:56.5, 0.8, 31.37S, 71.58W, h40km, 2km, ML3.5, MW3.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CO02 Combarbal, CO02 Combarbal, CO06 Fray Jorge, etc.

IDC 21 00:58:47.6, 1.6, 4.59S, 102.00E, h0km, mb3.9/9, mbmp3.9/9, Error ellipse: s-maj=69.9km s-min=21.0km, az=51.0

DJA 21 00:58:54.6, 0.6, 5.3S, 101.2E, h28km, 8km, M4.2/6, ML4.2/6

ISC 21 00:58:53.9, 0.8, 4.56S, 0.06E, 102.10E, 0.07, h37km, n28, phi=149/19, mb4.0/9, Southern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EGSI Enggano, Bengk, UBSI University, Be, etc.

H08S2 Diego Garcia H 29.59 263 T T 01 35 26.8

H08S1 Diego Garcia H 29.61 263 T T 01 35 25.6

H01W3 Cape Leeuwin H 32.17 161 T T 01 39 16.5

H01W2 Cape Leeuwin H 32.18 161 T T 01 39 16.5

H01W1 Cape Leeuwin H 32.19 161 T T 01 39 17.3

WRA Warramunga Arr 34.92 119 P 01 05 41.5

MDD 21 01:03:31.6, 0.9, 37.16N, 3.61W, h8km, 10km, mb, Lg1.2/5, Error ellipse: s-maj=5.1km s-min=3.6km az=32.0, Spain

Code Station Name Az Az' Phase ID Time Res Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EQUQ Quentarr, ELGU Los Guajares, EGOR Sierra Gorda, etc.

CNRM 21 01:03:37.1, 35.51N, 3.79W, h0km, ML1.1, Strait of Gibraltar

Code Station Name Az Az' Phase ID Time Res Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALE Palesmas, GOG Mont Gurugu, AKLM AKL, etc.

SOME 21 01:21:54.8, 41.35N, 79.13E, h15km, KRNET 21 01:21:55.1, 0.1, 41.38N, 79.12E, h13km, mb3.2, NNC 21 01:21:56.2, 0.9, 41.34N, 79.00E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=6.0km s-min=3.6km az=153.0, ISC 21 01:21:59.5, 6.4, 41.94N, 0.07, 78.99E, 0.04, h10km, n65, phi=1846/105, 31C-8D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TARG Taragay, Kyrgy, PRZ Przheval'sk, etc.

21d 1h

Table with columns for station name, time, and other identifiers. Includes stations like MDOK Medeo, MDOK 19nm,0.4s, MDOK 33nm,0.9s, etc.

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Main table with columns for Code, Station Name, Time, Res, and other identifiers. Includes stations like KK31 Kararay Array, KK31 0.1nm,0.3s, etc.

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Table with columns for station name, time, and other identifiers. Includes stations like DZM Mont Dzumac, DZM 5.9nm,0.3s, etc.

Table with columns: STA, Susitna One, 71.04, 29, P, P, 02 03 17.2 +0.1, 02 03 18.5

NOU 21 02:03:58.3, 21°86'S, 170°16'E, h0km, MLV4.1/8, Southeast of Loyalty Islands

NEIC 21 02:04:06.7, 1.9, 2.22, OS: 0.1, 1.69, 5E: 0.1, h10km, 2km, mb4.6/11, Error ellipse: s-maj=23.3km s-min=17.4km az=337.0

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

ONTNC Ouen Toro 3.05 263 Pn 02 04 53.0 -0.5

CTA TOO Charters Tower 21.96 271 LR 02 18 02.0

COEN Coen 26.45 283 P Iamb 02 09 42.3 -0.3

STKA Stephens Creek 26.89 242 P 02 09 48.4 +1.9

BBOO Buckleboo 31.67 243 P Iamb 02 10 29.6 +0.6

ASAR Alice Springs 33.01 260 P P 02 10 38.9 -1.9

WBO Warramunga Arr 33.04 267 P Iamb 02 10 38.6 -2.6

WRA Warramunga Arr 33.06 267 P P 02 10 40.1 -1.2

FORT Kununurra 38.17 248 P P 02 11 25.2 +0.2

KNRA Kununurra 39.18 272 P Iamb 02 11 33.0 -0.7

FITZ Fitzroy Crossi 41.49 267 P P 02 11 52.9 +0.2

NWAO Narrogin (SRO) 47.43 245 LR LR 02 13 05.7

MJAR Matsushiro Arr 65.35 332 P P 02 14 47.3 -0.3

QSPA South Pole Qui 68.12 180 P P 02 15 05.0 -0.1

CMAR Chiang Mai Arr 80.03 294 P P 02 16 14.7 -0.6

TROLL Troll, Antarti 85.88 184 P P 02 16 43.9 -1.0

SNAE Snae 86.49 182 P P 02 16 46.9 -0.9

VNA3 Neumayer Olymp 87.06 180 P P 02 16 49.4 -1.1

VNA2 Neumayer-Watz 87.36 181 P P 02 16 51.0 -0.9

LPIG La Paz 90.18 64 LR LR 02 18 28.9

ILAR Elison Array 92.17 17 P P 02 17 16.8 +0.1

PLCA Paso Flores 96.22 138 LR LR 02 52 44.8

BRG Dobruska-Polom 144.80 330 ePKP PKIPab 02 23 50.9 +5.1

BRG Berggiesshubel 145.48 333 P PKIKP 02 23 50.6 +3.4

CLL Colim 145.54 334 i PKPbc PKPpdf 02 23 42.7 -0.5

EKA Eskdalemir Arr 146.24 353 PKPbc PKPpdf 02 23 43.9 -0.4

ZVC Zvikov 146.42 331 ePKP PKPbc 02 23 46.3 +0.2

RONA Rosalia, Austr 146.60 327 ePKP PKPbc 02 23 47.1 +0.3

CONA Conrad Observa 146.67 327 i PKP PKIKP 02 23 52.5 +2.7

KHC Kasperske Hory 146.92 331 ePKP PKPbc 02 23 47.4 -0.2

ARSA Arzberg 147.29 327 ePKP PKIKP 02 23 56.0 +4.9

MOA Molin 147.51 329 ePKP PKPbc 02 23 49.7 +0.4

BIOA Bad Ischl, Aus 147.92 329 i PKP PKPab 02 23 54.2 +1.2

SOKA Soboth 147.92 326 i PKP PKPab 02 23 54.5 +1.4

Table with columns: STA, Sankt Quirin, 149.40, 331, i PKP, PKPbc, 02 23 53.9 -0.4

TAP 21 02:05:24.0, 25°91'N, 119°21'E, h7km, 1km, ML1.6, C, Near coast of southeastern China

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

TAP 21 02:05:34.8, 21°80'N, 120°98'E, h30km, ML3.7, D

JMA 21 02:05:37.2, 0.5, 2.2, N2 x 12° E, h2km, MV3.9/13, TAIWAN REGION

ISC 21 02:05:35.6, 1.3, 21.366, 0.05, 121°07'E, 0.02, h17km, 8km, 175, 0, 92°100, Taiwan region

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

SLIU Shizi 0.44 325 P P 02 05 45.6 +0.6

LAY Lan-yu 0.48 68 eP S 02 05 46.8 -0.9

LYUB Lan-yu 0.50 73 P P 02 05 46.2 +0.3

LYUB Lan-yu 0.50 73 P P 02 05 46.2 +0.3

TAWH Dawu Township 0.51 341 P P 02 05 46.9 -0.7

TAWH Dawu Township 0.51 341 P P 02 05 46.9 -0.7

TAW Tawu 0.53 342 i P P 02 05 47.0 +0.6

EAST Anshuo 0.56 339 P P 02 05 47.6 +0.5

SCZT Fangliu 0.66 321 P P 02 05 49.5 -0.7

ECL Taimali 0.75 352 eP P 02 05 49.7 -0.5

MASBT Mashibuluo 0.85 332 eP P 02 05 52.6 -0.3

LDUT Ludao 0.89 24 eP P 02 05 52.1 -0.6

TSMG Majia 0.93 335 eP P 02 05 55.0 +1.0

TWGBT Beinan 0.96 1 P P 02 05 58.7 +1.4

SSD Sandimen 0.97 336 eP P 02 05 55.4 -0.9

LONT Longtian 1.05 3 eP P 02 05 53.8 -1.6

EDH Donghe 1.13 11 eP P 02 05 55.8 -1.0

TWMT Shoushan 1.14 328 eP P 02 05 59.1 +1.5

SCST Cishan 1.16 333 eP P 02 05 59.8 +1.8

ECS Chengku 1.22 12 eP P 02 05 57.7 -0.9

SGST Jiashan 1.30 340 eP P 02 06 00.5 -0.3

ELDTW Lidau 1.33 358 eP P 02 06 00.5 +0.3

STYH Taoyuan 1.34 348 eP P 02 06 00.4 +0.1

FULB Fuli 1.35 9 eP P 02 05 59.6 -0.1

CHKH Chenggong 1.36 13 eP P 02 05 59.0 -0.9

CHN1 Nanshi 1.42 339 eP P 02 06 03.7 +0.7

WNT Tainan City 1.46 339 eP P 02 06 01.5 +0.3

TPUB Ta-pu 1.50 344 P P 02 06 03.3 +0.3

Table with columns: TWF1, YULB, YULB, YULB, 1.54, 8, P, Pn, 02 06 02.5 +0.2

RSNC 21 02:07:25.8, 0.0, 13°N, 3°8'1W, h6km, 7km, M4.5, mB5.2, mb5.0, ML4.3, Mw4.8, Mw(Mb)4.6, MwMwp4.7, Mw5.0

UPA 21 02:07:25.8, 2.2, 13°28'N, 81°00'W, h27km, 90km, MWV5.1

CATAC 21 02:07:27.1, 0.5, 13°17'N, 81°04'W, h20km, ML5.2

NEIC 21 02:07:28.2, 2.2, 13°08'N, 06°81'09W, h0km, 1km, mb4.6/93, Error ellipse: s-maj=10.9km s-min=3.7km az=181.0

GCMT 21 02:07:31.3, 0.3, 13°25'N, 0°02'81'13W, 0'02, h16km, 1km

Duration: 0. Moment Tensor Solution, s18, c1, s91, c137; Mw=0.81±.07; Ms=1.53±.08; Mm=0.18±.21; Mb=1.71±.07; Mv=0.51±.21; Best double couple; Mb2 16500±1016

NP1=165.00000°, 81.00000°, -161.00000°. NP2= 72.00000°, 871.00000°, -1.00000°. Principal axes: T 2.4730, Plg7.0000°, Azm297.0000°; N -0.6190, Plg69.0000°, Azm190.0000°; P -1.8570, Plg20.0000°, Azm30.0000°; nsta1 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 02:07:27.7, 0.3, 13°11'N, 0°03.81'06W, 0.03, h10km, n319, 4231/353, mb4.5/52, MS3.9/35, 1D, Caribbean Sea

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

PRVC Isla de Provid 0.39 312 P P 02 07 32.9 -2.6

PRVC Isla de Provid 0.39 312 i P Sg 02 07 37.1 -3.6

PRVC Isla de Provid 0.39 312 i S Sg 02 07 32.8 -2.7

PRVC Isla de Provid 0.39 312 i Sg 02 07 32.8 -2.7

ESPN Las Esperanzas 3.29 254 Pn Pn 02 08 17.8 -1.5

ESPN Las Esperanzas 3.29 254 i P S 02 08 18.4 -0.9

ESPN Las Esperanzas 3.29 254 i S Sg 02 08 19.5 -0.1

COVE Coepe Vega, Sa 4.04 234 i P Pn 02 08 28.7 -1.0

COVE Coepe Vega, Sa 4.04 234 i P Pn 02 09 56.8

FRJ El Hiral 4.08 161 eS Pn 02 08 27.7 -2.6

FRJ El Hiral 4.08 161 eS Pn 02 08 15.0 -3.2

BCIP Isla Barro Col 4.10 163 P Pn 02 08 27.8 -2.7

BCIP Isla Barro Col 4.10 163 P Pn 02 08 27.3 -3.2

BCIP Isla Barro Col 4.10 163 i S Pn 02 08 13.9 -4.8

BCIP Isla Barro Col 4.10 163 i S Pn 02 08 31.6 +1.1

BCIP Isla Barro Col 4.10 163 i S Pn 02 09 14.9 -3.7

BCIP Isla Barro Col 4.10 163 eS Pn 02 08 27.9 -2.7

BCIP Isla Barro Col 4.10 163 eS Pn 02 09 15.3 -3.3

RAFA San Farael, Vo 4.13 221 i P Pn 02 08 29.8 -1.4

RAFA San Farael, Vo 4.13 221 i P Pn 02 09 35.5

VICA Volcane Irazu 4.13 222 eP Pn 02 08 30.1 -1.3

ACON Acopya 4.17 255 P Pn 02 08 30.4 -1.1

ACON Acopya 4.17 255 P S 02 08 30.3 -1.1

ACON Acopya 4.17 255 P S 02 08 30.6 -1.1

ACON Acopya 4.17 255 i S Pn 02 08 30.3 -1.1

ACON Acopya 4.17 255 i S Pn 02 09 29.6 -2.1

CHGR2 Aguacate 4.28 194 eP Pn 02 08 29.4 -3.6

CHGR2 Aguacate 4.28 194 eS Pn 02 08 18.6 -4.5

ZANG Zanguenga, Cho 4.29 164 eP Pn 02 08 30.6 -2.5

HDC Heredia 4.30 224 i P Pn 02 08 32.2 -1.1

HDC Heredia 4.30 224 i P Pn 02 08 35.6 +2.2

HDC Heredia 4.30 224 i S Pn 02 08 56.3

HDC Heredia 4.30 224 i S Pn 02 09 23.0 -0.7

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like LCR2, LCR2, LCR2, etc.

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

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like USIN, University of Wyandotte Cave, SSFO, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Detroit Lake, Diamantina, UNIS, GDU01, etc.

ISK 21 02:11:04.9,36.46N,28.74E, h4km, ML2.8/16
AFAD 21 02:11:05.1,0.0,36.44N,28.73E, h7km,2km, ML2.3
THE 21 02:11:07.6,36.52N,28.63E, h0.8km,1km, ML2.6/1.1

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

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

ISC 21 02:22:11.1,0.9,26.77N,129.55E, h0km, mb4.0/13,
mbmp4.0/15, ML3.5/2, MS3.3/6, Error ellipse:
s-maj=37.2km s-min=17.3km az=74.0

JMA 21 02:22:13.6,0.1,26.77N,129.6E, h49km, MV3.4/22,
NEAR OKINAWAJIMA ISLAND

ISC 21 02:22:11.7,1.8,26.77N,129.63E, h0km, 11km,
n38, r18150, mb3.9/13, MS3.4/5, Ryukyu Islands

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

KSR5 Korea Array 10.75 353 Pn Pn 02 24 47.1 +1.2
XAN Xian 19.26 297 P pmax 02 26 37.0 +0.3

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

21d 2h

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

GCMT 21 02:29:36.0,0.6,6.10S,0.02x107.00W,0.03,h17km,2km,
MW4/788, Moment Tensor Solution s7, c7, s88,c115;
Moment tensor: Scales 10^15Nm
M=0.18;10; Mow=0.08;0.7; Mxx=0.28;0.8; Mxy=0.62;2.2;
Myy=1.50;0.6; Myz=0.13;2.0; Best double couple:
Mt1.63600x10^16 NP1.6;94.00000; 889.00000;
2.23.00000; NP2.3;3.00000; 867.00000; 1.179.00000;
Principal axes: T 1.5290, Plg17.00000; Azm321.00000;
N 0.2130, Plg67.00000; Azm96.00000; P -1.7420,
Plg15.00000; Azm226.00000; nsta1 refers to body
waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Surface-wave location Triangular
moment-rate function Central East Pacific Rise

IDC 21 02:30:42.4,1.4,14.61S,76.29W, h0km, mb3.6/4,
mbtmp3.8/8, ML3.7/4, Error ellipse: s-maj=41.6km
s-min=16.7km az=59.0

NEIC 21 02:30:42.6,0.7,14.67S,76.4W,0.1, h4km, 7km,
mb4.2/3, Error ellipse: s-maj=19.8km s-min=10.4km
az=63.0

ISC 21 02:30:45.3,0.1,14.68S,76.3W,0.1, h23km, n30,
r1938/25, mb3.8/5, Near coast of Peru

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

couple: M=0.84900x1018 NP1.0=190.00000, 854.00000, 1.122.00000, NP2.0=323.00000, 846.00000, 1.54.00000, Principal axes: T 0.8450, P165.0000, Azm159.0000, N 0.0070, P165.0000, Azm350.0000, P -0.8530, P164.0000, Azm258.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to mantle waves, cutoff=125s.

Triangular moment-rate function ISC 21 03:40:38.0-2.17975x0.03:179.87W/0.03, h642km; 2km, h644km; pP, n2128, o1926/2554, mb5.5/467, 164C-77D, Fiji Islands region

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

Table with columns: VAH, comp=Z, 739nm, 1.0s, eSS, SS, 03 53 36.4 -3.5. Lists seismic events with station codes, component types, and time-resolved data.

Table with columns: WRA, comp=Z, 305nm, 0.8s, baz=93, slow=6.9, SNR=543, P, P, 03 49 21.4 +1.0. Lists seismic events with station codes, component types, and time-resolved data.

21d 3h

Table with columns for station name, frequency, power, and signal strength. Includes stations like MEEK, KLBRR, NWAOW, etc.

2018 SEP

Table with columns for station name, frequency, power, and signal strength. Includes stations like NACB, SSSL, BBJJ, etc.

1398

Table with columns for station name, frequency, power, and signal strength. Includes stations like CHIR, MNAI, NJ2, etc.

MVU	comp-Z,99nm,0.9s	I	Amb	I	Amb	03 52 09.4
MFID	Camas Ranch	84.63	41	P	P	03 52 07.8 +1.1
MFID	comp-Z,97nm,1.1s			I	Amb	03 52 09.1
MSU	Marysvale	84.65	47	P	P	03 52 08.6 +1.6
MSU	Marysvale	84.65	47	P	P	03 52 08.6 +1.6
RND	Reindeer	84.65	13	P	P	03 52 07.5 -0.5
RND	Reindeer	84.65	13	P	P	03 52 05.7 -0.5
R32K	Eaglecrest	84.66	22	P	P	03 52 07.0 +0.8
R32K	Eaglecrest	84.66	22	P	P	03 52 07.1 +0.9
HARP	HAARP	84.66	15	P	P	03 52 06.4 +0.2
HARP	HAARP			S	S	04 01 41.8 +0.4
DHY	Denali Highway	84.70	14	P	P	03 52 06.1 -0.4
DHY	comp-Z,243nm,1.7s			I	Amb	03 52 07.6
DHY	Denali Highway	84.70	14	P	P	03 52 06.2 -0.4
O28M	Mount Upton	84.70	18	P	P	03 52 07.0 +0.2
O28M	comp-Z,216,SNR=104			I	Amb	03 52 07.8 +1.1
O28M	Wollman Farm,	84.71	37	P	P	03 52 07.8 +1.1
O28M	Wollman Farm,	84.71	37	P	P	03 52 09.1
JIS	comp-Z,99nm,0.9s	84.71	22	P	P	03 52 08.1 +1.7
U35K	Hyder	84.71	26	P	P	03 52 07.3 +0.9
U35K	Hyder			I	Amb	03 52 12.4
U35K	comp-Z,72nm,0.7s	84.71	26	P	P	03 52 07.4 +0.9
U35K	comp-Z,227			S	S	04 01 45.8 +3.7
I20K	Naaghedeneel	84.78	11	P	P	03 52 06.8 +0.1
I20K	Naaghedeneel			I	Amb	03 52 08.1
I20K	Naaghedeneel	84.78	11	P	P	03 52 07.0 +0.3
I20K	Naaghedeneel			S	S	04 01 44.0 +1.7
BPAW	Bear Paw Mtn.	84.81	12	P	P	03 52 05.4 -1.5
BPAW	comp-Z,208			S	S	04 01 39.0 -3.8
O29M	Mount Kennedy	84.83	19	P	P	03 52 07.5 +0.3
O29M	Mount Kennedy	84.83	19	P	P	03 52 07.7 +0.5
O29M	comp-Z,219,SNR=27			S	S	04 01 45.0 +1.6
O29M	Wood Farm, Sta	84.86	38	P	P	03 52 08.2 +0.7
O29M	Wood Farm, Sta			I	Amb	03 52 09.6
XLT	comp-Z,132nm,1.3s	84.89	319	eP	P	03 52 08.3 +0.5
XLT	XiLinHaoTe			pP	P	03 54 23.9 +1.3
XLT	XiLinHaoTe			PP	P	03 55 39.3 +2.0
XLT	XiLinHaoTe			SKS	S	04 01 29.8 -2.3
XLT	XiLinHaoTe			S	S	04 01 47.0 +2.5
XLT	XiLinHaoTe			SS	S	04 07 38.3 +0.2
XLT	comp-Z,70nm,1.0s			pmax	pmax	
PLBC	comp-Z,280nm,4.3s	84.90	21	P	P	03 52 08.2 +0.9
PLBC	Pleasant Can			S	S	04 01 47.0 +3.2
PLBC	comp-Z,221,SNR=74			S	S	04 01 47.0 +3.2
MCK	McKinley	84.92	13	P	P	03 52 06.9 -0.5
MCK	comp-Z,210,SNR=69			S	S	04 01 42.2 -1.6
DUG	Dugway, Tooele	85.00	45	P	P	03 52 09.5 +0.9
DUG	Dugway, Tooele	85.00	45	P	P	03 52 09.5 +0.9
DUG	comp-Z,277nm,1.2s			pmax	pmax	
PAX	Paxson	85.06	15	P	P	03 52 07.7 -0.5
PAX	comp-Z,213,SNR=48			S	S	04 01 43.9 -1.5
F10A	Beach Ranch, E	85.11	38	P	P	03 52 09.5 +0.6
LLL	Lillooet	85.12	33	P	P	03 52 09.4 +0.7
LLL	Lillooet			I	Amb	03 52 10.7
H19K	comp-Z,71nm,1.0s	85.12	10	P	P	03 52 08.2 -0.1
H19K	Roundabout Mou			I	Amb	03 54 26.3
H19K	Roundabout Mou	85.12	10	P	P	03 52 08.3 +0.1
H19K	Roundabout Mou			S	S	04 01 47.8 +2.2
G18K	Tagagawik	85.14	9	P	P	03 52 07.8 -0.6
G18K	Tagagawik	85.14	9	P	P	03 52 08.0 -0.4
G18K	Tagagawik			S	S	04 01 46.7 +0.9
BWN	Browne	85.19	13	P	P	03 52 08.0 -0.6
B08A	Colville Reser	85.19	36	P	P	03 52 09.4 +0.2
B08A	Colville Reser			I	Amb	03 52 10.7
XAN	comp-Z,83nm,0.9s	85.20	308	P	P	03 52 09.5 0.0
XAN	comp-Z,83nm,0.9s			pP	P	03 54 24.8 +1.0
XAN	comp-Z,83nm,0.9s			SKS	S	04 01 33.6 -0.8
XAN	comp-Z,83nm,0.9s			S	S	04 01 48.3 +0.4
XAN	comp-Z,180nm,1.1s			pmax	pmax	
P30M	Million Dollar	85.21	20	P	P	03 52 10.0 +1.1
P30M	Million Dollar			S	S	04 01 49.9 +3.1
BGU	Big Grassy Mou	85.21	44	P	P	03 52 10.3 +0.8
121A	Cookes Peak, D	85.23	54	P	P	03 52 11.6 +1.3
121A	Cookes Peak, D	85.23	54	P	P	03 52 11.8 +2.0
121A	Cookes Peak, D			S	S	04 01 56.1 +7.7
M26K	Nabesna, AK	85.23	16	P	P	03 52 09.0 0.0
M26K	Nabesna, AK			I	Amb	03 52 10.4
M26K	Nabesna, AK	85.23	16	P	P	03 52 09.1 +0.2
M26K	Nabesna, AK			S	S	04 01 47.7 +0.8
M26K	Nabesna, AK			S	S	04 01 47.7 +0.8
YUK8	Steele Glacier	85.24	18	P	P	03 52 09.7 +0.4
YUK8	Steele Glacier			S	S	04 01 48.9 +1.4
SKAG	Skagway	85.25	21	P	P	03 52 10.1 +1.0
SKAG	Skagway			I	Amb	03 52 11.7
SKAG	Skagway	85.25	21	P	P	03 52 10.4 +1.4
SKAG	Skagway	85.25	21	P	P	03 52 10.3 +1.2
SKAG	Skagway			S	S	04 01 50.8 +3.8
F17K	Baldwin Pennin	85.31	7	P	P	03 52 09.1 -0.1
F17K	Baldwin Pennin			I	Amb	03 52 11.6
F17K	Baldwin Pennin	85.31	7	P	P	03 52 09.2 +0.1
F17K	Baldwin Pennin			S	S	04 01 49.7 +2.3
H20K	Anotleneega Mo	85.35	10	P	P	03 52 09.0 0.0
H20K	Anotleneega Mo			S	S	04 01 49.9 +2.0
MLSJ	Meulaboh, Aceh	85.35	276	P	P	03 52 11.1 +0.5
T35M	Bob Quinn	85.36	25	P	P	03 52 10.8 +1.2
T35M	Bob Quinn	85.36	25	P	P	03 52 10.9 +1.2
T35M	Bob Quinn			S	S	04 01 51.8 +3.5
HMU	Henry Mountain	85.39	48	P	P	03 52 11.3 +0.7
NLU	North Lily Min	85.39	46	P	P	03 52 11.6 +1.1
YUK6	Outpost Mounta	85.39	19	P	P	03 52 10.4 +0.4
YUK6	Outpost Mounta			S	S	04 01 47.5 -1.5
YUK3	Moose Creek	85.42	18	P	P	03 52 10.4 +0.3

YUK3	baz=217			S	S	04 01 49.8 +0.6
MENT	mentasta	85.48	16	P	P	03 52 10.3 +0.1
MENT	Mentasta	85.48	16	P	P	03 52 10.7 +0.6
C09A	Christman Ranch	85.48	37	P	P	03 52 11.1 +0.7
C09A	Christman Ranch			I	Amb	03 52 12.5
M27K	comp-Z,86nm,0.9s	85.49	17	P	P	03 52 10.7 +0.3
M27K	Edge Creek, AK			I	Amb	03 52 12.2
M27K	comp-Z,182nm,1.4s	85.49	17	P	P	03 52 10.8 +0.4
M27K	Edge Creek, AK			S	S	04 01 50.1 +0.5
M27K	Edge Creek, AK			S	S	04 01 50.1 +0.5
M27K	baz=216			S	S	04 01 50.1 +0.5
M27K	baz=216			S	S	04 01 50.1 +0.5
Q16A	Castle Valley	85.53	47	P	P	03 52 12.9 +1.7
Q16A	Castle Valley			I	Amb	03 54 37.8
HYT	comp-Z,147nm,1.9s	85.57	19	P	P	03 52 11.2 +0.5
HYT	Haines Junctio			P	P	03 52 11.2 +0.5
HYT	Haines Junctio	85.57	19	P	P	03 52 11.2 +0.5
HYT	Haines Junctio			S	S	04 01 51.1 +0.8
HYT	Haines Junctio			S	S	04 01 51.1 +0.8
HLID	Hailey	85.59	42	P	P	03 52 12.7 +1.4
HLID	Hailey			I	Amb	03 52 14.1
G19K	Purcell Mounta	85.60	9	P	P	03 52 10.4 -0.2
G19K	Purcell Mounta	85.60	9	P	P	03 52 10.5 0.0
G19K	Purcell Mounta			S	S	04 01 51.2 +1.0
YUK4	Talbot Arm	85.62	19	P	P	03 52 11.8 +0.7
HIA	Hailar	85.62	325	P	P	03 52 11.5 +0.4
HIA	Hailar			P	P	03 52 12.6 +1.5
HIA	Hailar	85.62	325	P	P	03 52 11.5 +0.4
HIA	Hailar			pmax	pmax	
NEA2	Nenana	85.64	13	P	P	03 52 09.5 -1.3
NEA2	Nenana	85.64	13	P	P	03 52 09.8 -1.0
NEA2	Nenana			S	S	04 01 47.4 -3.2
L26K	Log Cabin Wild	85.65	16	P	P	03 52 10.9 0.0
L26K	Log Cabin Wild			I	Amb	03 52 12.4
L26K	Log Cabin Wild	85.65	16	P	P	03 52 11.1 +0.2
L26K	Log Cabin Wild			S	S	04 01 50.6 -0.2
L26K	Log Cabin Wild			S	S	04 01 50.6 -0.2
S34M	Telegraph Cree	85.66	24	P	P	03 52 12.2 +1.2
S34M	Telegraph Cree	85.66	24	P	P	03 52 12.5 +1.5
S34M	Telegraph Cree			S	S	04 01 54.6 +3.6
F18K	Selawik	85.67	8	P	P	03 52 10.4 -0.5
F18K	Selawik			S	S	04 01 50.9 +0.2
TMUT	Trail Mountain	85.68	46	P	P	03 52 13.7 +1.7
TMUT	Trail Mountain			I	Amb	03 52 15.1
MLY	Manley	85.69	12	P	P	03 52 09.9 -1.2
MLY	Manley	85.69	12	P	P	03 52 10.1 -0.9
MLY	Manley			S	S	04 01 47.9 -3.2
ZAIG	Zacatecas	85.69	65	P	P	03 52 14.9 +2.5
ZAIG	Zacatecas			I	Amb	03 52 16.4
K24K	Donnelly Dome	85.70	14	P	P	03 52 11.4 +0.3
K24K	Donnelly Dome			S	S	04 01 50.2 -1.0
K24K	Donnelly Dome			S	S	04 01 50.2 -1.0
MPU	Maple Canyon	85.72	46	P	P	03 52 13.3 +1.3
WRH	Wood River Hil	85.74	13	P	P	03 52 10.6 -0.7
WRH	Wood River Hil			I	Amb	03 52 12.0
SPUT	South Promonto	85.78	44	P	P	03 52 13.3 +1.1
SPUT	South Promonto			I	Amb	03 52 14.8
HVU	Hansel Valley	85.78	44	P	P	03 52 13.5 +1.2
HVU	Hansel Valley			pmax	pmax	03 52 13.5 +1.2
E17K	Hotham Inlet	85.86	7	P	P	03 52 11.8 0.0
E17K	Hotham Inlet			S	S	04 01 54.0 +1.5
H21K	Melozitna Riv	85.86	11	P	P	03 52 11.7 -0.1
H21K	Melozitna Riv	85.86	11	P	P	03 52 11.9 0.0
H21K	Melozitna Riv			S	S	04 01 53.5 +0.8
H21K	Melozitna Riv			S	S	04 01 53.5 +0.8
RIDG	Independent Ri	85.87	15	P	P	03 52 11.7 -0.3
RIDG	Independent Ri			I	Amb	03 52 13.1
RIDG	Independent Ri	85.87	15	P	P	03 52 11.9 -0.1
RIDG	Independent Ri			S	S	04 01 52.9 +0.7
P32M	Atlin	85.91	22	P	P	03 52 12.9 +0.7
P32M	Atlin			I	Amb	03 52 14.5
P32M	Atlin	85.91	22	P	P	03 52 13.2 +0.9
P32M	Atlin			S	S	04 01 57.7 +4.3
HDA	Harding Lake	85.94	14	P	P	03 52 11.7 -0.6
HDA	Harding Lake	85.94	14	P	P	03 52 11.8 -0.5
HDA	Harding Lake			S	S	04 01 51.9 -1.5
CTU	Camp Tracy	85.95	45	P	P	03 52 14.0 +0.9
Q32M	Nakina River	85.97	23	P	P	03 52 13.6 +0.9
Q32M	Nakina River			I	Amb	03 52 15.1
Q32M	Nakina River	85.97	23	P	P	03 52 13.8 +1.1
Q32M	Nakina River			S	S	04 01 56.6 +2.2
O30N	Mendenhall	85.98	20	P	P	03 52 13.2 +0.6
O30N	Mendenhall			I	Amb	03 52 14.4
O30N	Mendenhall	85.98	20	P	P	03 52 13.3 +0.8
O30N	Mendenhall			S	S	04 01 55.5 +1.4
IMAR	Indian Mountai	85.99	10	P	P	03 52 12.2 -0.3
I23K	Minto, Yukon-K	86.07	12	P	P	03 52 11.5 -1.3
I23K	Minto, Yukon-K			I	Amb	03 52 13.2
I23K	Minto, Yukon-K	86.07	12	P	P	03 52 11.8 -0.9
I23K	Minto, Yukon-K			S	S	04 01 51.1 -3.4
I23K	Minto, Yukon-K			S	S	04 01 51.1 -3.4
SRDT	SRDT	86.07	286	P	P	

21d 3h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like C16K, M16K, R33M, etc.

2018 SEP

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like BPMT, ALPN, F22K, etc.

1402

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like PD31, PDAR, F24K, etc.

COYC	baz=228	89.19	138	P	P	03 52 30.2 +2.2
D23K	Coyhaique	89.20	10	P	P	03 52 27.8 +0.5
D23K	Nanushuk River	89.20	10	P	P	03 52 27.7 +0.5
B20K	Meade River	89.20	8	P	I Amb	03 52 27.2 -0.1
B20K	Meade River	89.20	8	P	I Amb	03 52 27.5 +0.2
B20K	Meade River	89.20	8	P	S	03 52 27.9 0.0
I30M	Mount Dempster	89.26	17	P	I Amb	03 52 27.6 -0.3
I30M	Mount Dempster	89.26	17	P	I Amb	03 52 27.9 0.0
I30M	Mount Dempster	89.26	17	P	S	04 02 21.7 -2.6
F26K	Sheenjok River	89.34	13	P	I Amb	03 52 28.7 +0.6
F26K	Sheenjok River	89.34	13	P	I Amb	03 52 28.8 +0.7
F26K	Sheenjok River	89.34	13	P	S	04 02 25.4 +0.7
H29M	Whitestone	89.50	16	P	P	03 52 28.8 0.0
H29M	Whitestone	89.50	16	P	P	03 52 28.9 +0.1
H29M	Whitestone	89.50	16	P	S	04 02 25.0 -1.1
RLMT	Red Lodge	89.58	42	P	I Amb	03 52 31.1 +1.2
RLMT	Red Lodge	89.58	42	P	I Amb	03 52 32.6
MSTX	Muleshoe	89.65	54	P	P	03 52 31.3 +0.8
D24K	Happy Valley	89.68	11	P	I Amb	03 52 30.2 +0.6
D24K	Happy Valley	89.68	11	P	P	03 52 32.2 +1.5
D24K	Happy Valley	89.68	11	P	I Amb	03 52 32.5 +1.2
D24K	Happy Valley	89.68	11	P	I Amb	03 52 33.8
D24K	Happy Valley	89.68	11	P	P	03 52 32.5 +1.2
D24K	Happy Valley	89.68	11	P	Pmax	03 52 32.9 +1.6
D24K	Happy Valley	89.68	11	P	Pmax	03 54 49.9 -1.5
D24K	Happy Valley	89.68	11	P	SKS	04 02 01.3 -0.7
D24K	Happy Valley	89.68	11	P	SKS	04 02 35.8 +2.9
D24K	Happy Valley	89.68	11	P	SS	04 08 45.9 -3.6
D24K	Happy Valley	89.68	11	P	SS	03 52 31.1
D24K	Happy Valley	89.68	11	P	Pmax	03 52 30.2 +0.6
D24K	Happy Valley	89.68	11	P	Pmax	03 52 32.2 +1.5
D24K	Happy Valley	89.68	11	P	I Amb	03 52 32.5 +1.2
D24K	Happy Valley	89.68	11	P	I Amb	03 52 33.8
D24K	Happy Valley	89.68	11	P	P	03 52 32.5 +1.2
D24K	Happy Valley	89.68	11	P	Pmax	03 52 32.9 +1.6
D24K	Happy Valley	89.68	11	P	Pmax	03 52 32.4 +1.2
D24K	Happy Valley	89.68	11	P	P	03 52 31.4 +0.8
D24K	Happy Valley	89.68	11	P	S	04 02 30.7 +1.0
D24K	Happy Valley	89.68	11	P	S	03 52 31.4 +0.5
D24K	Happy Valley	89.68	11	P	S	03 52 31.4 +0.5
D24K	Happy Valley	89.68	11	P	S	04 02 27.2 -3.1
D24K	Happy Valley	89.68	11	P	S	03 52 33.7 +1.8
D24K	Happy Valley	89.68	11	P	S	03 52 30.9 -0.1
D24K	Happy Valley	89.68	11	P	S	03 52 31.3 +0.2
D24K	Happy Valley	89.68	11	P	S	04 02 28.7 -1.7
D24K	Happy Valley	89.68	11	P	S	03 52 33.5 +1.4
D24K	Happy Valley	89.68	11	P	S	03 52 33.7 +1.6
D24K	Happy Valley	89.68	11	P	S	04 02 30.8 -1.6
D24K	Happy Valley	89.68	11	P	S	03 52 31.3 0.0
D24K	Happy Valley	89.68	11	P	S	04 02 29.2 -1.9
D24K	Happy Valley	89.68	11	P	S	03 52 31.3 -0.4
D24K	Happy Valley	89.68	11	P	S	03 52 32.9
D24K	Happy Valley	89.68	11	P	S	03 52 31.6 -0.1
D24K	Happy Valley	89.68	11	P	S	04 02 29.8 -1.9
D24K	Happy Valley	89.68	11	P	S	03 52 33.7 +0.8
D24K	Happy Valley	89.68	11	P	S	03 52 32.2 +0.3
D24K	Happy Valley	89.68	11	P	S	03 52 32.4 +0.5
D24K	Happy Valley	89.68	11	P	S	04 02 31.8 -0.3
D24K	Happy Valley	89.68	11	P	S	03 52 31.9 -0.2
D24K	Happy Valley	89.68	11	P	S	03 52 32.3 +0.1
D24K	Happy Valley	89.68	11	P	S	04 02 31.7 -0.9
D24K	Happy Valley	89.68	11	P	S	03 52 33.1 +0.7
D24K	Happy Valley	89.68	11	P	S	04 09 56.5 +2.6
D24K	Happy Valley	89.68	11	P	S	03 52 31.7 -0.7
D24K	Happy Valley	89.68	11	P	S	03 52 33.2
D24K	Happy Valley	89.68	11	P	S	03 52 31.9 -0.5
D24K	Happy Valley	89.68	11	P	S	04 02 32.2 -0.8
D24K	Happy Valley	89.68	11	P	S	03 52 31.9 -0.5
D24K	Happy Valley	89.68	11	P	S	03 52 33.1
D24K	Happy Valley	89.68	11	P	S	03 52 31.9 -0.5
D24K	Happy Valley	89.68	11	P	S	04 02 32.7 -0.3
D24K	Happy Valley	89.68	11	P	S	03 52 32.8 +0.3
D24K	Happy Valley	89.68	11	P	S	03 52 33.1 +0.6
D24K	Happy Valley	89.68	11	P	S	04 02 32.9 -0.4
D24K	Happy Valley	89.68	11	P	S	03 52 34.0 +0.5
D24K	Happy Valley	89.68	11	P	S	03 52 34.1 +0.6
D24K	Happy Valley	89.68	11	P	S	03 52 35.6
D24K	Happy Valley	89.68	11	P	S	03 52 35.0 +1.4
D24K	Happy Valley	89.68	11	P	S	03 52 36.4
D24K	Happy Valley	89.68	11	P	S	03 52 35.2 +1.7
D24K	Happy Valley	89.68	11	P	S	04 02 43.2 +8.0
D24K	Happy Valley	89.68	11	P	S	03 52 35.5 +2.1
D24K	Happy Valley	89.68	11	P	S	03 52 33.2 +0.3
D24K	Happy Valley	89.68	11	P	S	03 52 33.4 +0.2
D24K	Happy Valley	89.68	11	P	S	03 52 34.2 +0.3
D24K	Happy Valley	89.68	11	P	S	03 52 33.4 -0.6
D24K	Happy Valley	89.68	11	P	S	04 09 55.0 +1.8
D24K	Happy Valley	89.68	11	P	S	03 52 33.3 -0.6
D24K	Happy Valley	89.68	11	P	S	04 09 56.5 +3.2
D24K	Happy Valley	89.68	11	P	S	03 52 33.9 0.0
D24K	Happy Valley	89.68	11	P	S	03 52 34.8 +0.5
D24K	Happy Valley	89.68	11	P	S	03 52 36.5
D24K	Happy Valley	89.68	11	P	S	03 52 33.7 -0.4
D24K	Happy Valley	89.68	11	P	S	03 52 33.9 -0.2
D24K	Happy Valley	89.68	11	P	S	03 52 37.0 +2.2
D24K	Happy Valley	89.68	11	P	S	03 52 35.8 +0.5
D24K	Happy Valley	89.68	11	P	S	03 52 37.0
D24K	Happy Valley	89.68	11	P	S	03 52 48.3 +0.9

JCT	Junction City	90.75	58	P	I Amb	03 52 36.1 +0.6
JCT	Junction City	90.75	58	P	I Amb	03 52 37.5
JCT	Junction City	90.75	58	P	Pmax	03 52 36.1 +0.6
VNA3	Neumayer Olym	90.76	177	↑	P	03 52 34.8 +0.1
VNA3	Neumayer Olym	90.76	177	↑	PKKPbc	04 09 54.8 +2.0
SN07	Snyder 07	90.79	55	P	I Amb	03 52 36.1 +0.5
SN07	Snyder 07	90.79	55	P	I Amb	03 52 37.2
AMTX	Amarillo	90.83	54	P	I Amb	03 52 36.5 +0.7
AMTX	Amarillo	90.83	54	P	I Amb	03 52 37.5
HND0	Hondo	90.84	59	P	P	03 52 37.8 +1.8
LL04	Puerto Octay	90.94	134	P	P	03 52 37.6 +1.4
DKNS	Dickens	90.97	55	P	P	03 52 36.9 +0.4
EDM	Edmonton	90.97	33	P	I Amb	03 52 36.0 0.0
EDM	Edmonton	90.97	33	P	I Amb	03 52 37.1
EDM	Edmonton	90.97	33	P	Pmax	03 52 36.0 0.0
C27K	Jago River	91.04	12	P	I Amb	03 52 35.9 +0.1
C27K	Jago River	91.04	12	P	I Amb	03 52 37.4
C27K	Jago River	91.04	12	P	P	03 52 36.2 +0.3
C26K	Camden Bay	91.05	11	P	P	03 52 36.6 +0.8
C26K	Camden Bay	91.05	11	P	S	04 02 39.1 -0.6
E28M	Babbage River	91.09	14	P	I Amb	03 52 36.1 0.0
E28M	Babbage River	91.09	14	P	I Amb	03 52 37.5
E28M	Babbage River	91.09	14	P	P	03 52 36.5 +0.3
E28M	Babbage River	91.09	14	P	S	04 02 41.3 +1.1
G31M	Satah River	91.11	16	P	P	03 52 35.9 -0.2
G31M	Satah River	91.11	16	P	P	03 52 36.0 -0.1
G31M	Satah River	91.11	16	P	S	04 02 38.5 -1.7
NVL	N'azarevskaya	91.12	184	↑	Pmax	03 52 35.3 -1.0
NVL	N'azarevskaya	91.12	184	↑	Pmax	03 52 37.1 +0.4
VNA2	Neumayer-Watz	91.18	178	↑	PKKPbc	04 09 53.6 +1.5
F30M	Barrier River	91.22	15	P	P	03 52 36.5 -0.2
D27M	Malcolm River	91.29	13	P	I Amb	03 52 37.5 +0.5
D27M	Malcolm River	91.29	13	P	I Amb	03 52 39.6
D27M	Malcolm River	91.29	13	P	S	03 52 37.6 +0.5
D27M	Malcolm River	91.29	13	P	S	04 02 40.2 -1.8
E29M	Blow River	91.30	14	P	I Amb	03 52 36.4 -0.6
E29M	Blow River	91.30	14	P	I Amb	03 52 37.9
E29M	Blow River	91.30	14	P	P	03 52 36.7 -0.4
VNA1	Neumayer-Stat	91.42	177	↑	PKKPbc	03 52 38.2 +0.5
VNA1	Neumayer-Stat	91.42	177	↑	PKKPbc	04 09 53.1 +1.5
APMT	Aspermont	91.48	56	P	I Amb	03 52 39.5 +0.7
APMT	Aspermont	91.48	56	P	I Amb	03 52 40.6
F31M	Abtlene, Hawle	91.61	56	P	P	03 52 40.3 +0.9
F31M	Tsigichic	91.63	16	P	P	03 52 38.2 -0.3
F31M	Tsigichic	91.63	16	P	P	03 52 38.5 -0.1
F31M	Tsigichic	91.63	16	P	S	04 02 42.3 -2.5
KSC0	Kaye Shedlock	91.63	49	P	P	03 52 40.6 +1.2
BRDY	Brady	91.67	58	P	I Amb	03 52 40.3 +0.6
BRDY	Brady	91.67	58	P	I Amb	03 52 41.8
735A	Kenedy	91.83	60	P	P	03 52 42.8 +2.4
D26M	Stokes Point	91.84	14	P	P	03 52 39.8 +0.2
WRGLY	Wrigley	92.00	22	P	S	03 52 40.7 +0.3
WRGLY	Wrigley	92.00	22	P	S	04 02 48.3 +0.1
GO06	Curarrehue	92.15	133	P	P	03 52 43.2 +1.3
LAO	LASA Array	92.17	41	P	P	03 52 43.2 +1.5
PLCA	Paso Flores	92.29	134	P	I Amb	03 52 44.5 +2.0
PLCA	Paso Flores	92.29	134	P	I Amb	03 52 46.0
PLCA	Paso Flores	92.29	134	P	P	03 52 42.9 +0.4
PLCA	Paso Flores	92.29	134	P	PKKPbc	04 09 53.0 -1.5
PLCA	Paso Flores	92.29	134	P	PKKPbc	03 52 44.5 +2.0
PLCA	Paso Flores	92.29	134	P	Pmax	03 52 45.0 +2.5
ULN	Ulanbaatar	92.31	320	P	I Amb	03 52 42.3 -0.1
ULN	Ulanbaatar	92.31	320	P	I Amb	03 52 43.6
ULN	Ulanbaatar	92.31	320	P	S	04 02 42.2 -0.1
ULN	Ulanbaatar	92.31	320	P	SKS	03 52 41.8 -0.3
ULN	Ulanbaatar	92.31	320	P	Pmax	03 52 42.4 0.0
ULN	Ulanbaatar	92.31	320	P	P	03 52 42.3 -0.1
ULN	Ulanbaatar	92.31	320	P	I Amb	03 52 40.9 -0.8
ULN	Ulanbaatar	92.31	320	P	I Amb	03 52 42.4
ULN	Ulanbaatar	92.31	320	P	S	03 52 41.1 -0.5
ULN	Ulanbaatar	92.31	320	P	S	04 02 47.1 -3.6
ULN	Ulanbaatar	92.31	320	P	S	03 52 40.9 -0.8
RSSD	Black Hills	92.58	44	P	P	03 52 44.2 +0.4
RSSD	Black Hills	92.58	44	P	I Amb	03 52 45.4
RSSD	Black Hills	92.58	44	P	P	03 52 44.2 +0.4
RSSD	Black Hills	92.58	44	P	Pmax	03 52 45.5 +1.3
RSSD	Black Hills	92.58	44	P	I Amb	03 52 46.3
RSSD	Black Hills	92.58	44	P	P	03 52 45.3 +1.1
RSSD	Black Hills	92.58	44	P	S	04 03 02.4 +7.1
SONM	Songino Array	92.70	320	P	P	03 52 43.6 -0.5
SONM	Songino Array	92.70	320	P	P	03 52 43.4 -0.7
SONM	Songino Array	92.70	320	P	P	03 55 01.0 +0.2
SONM	Songino Array	92.70	320	P	P	03 55 01.0 +0.2
SONM	Songino Array	92.70	320	P	PKKP	04 09 51.4 0.0
SONM	Songino Array	92.70	320	P	PKKP	04 17 57.1 -4.7
SONM	Songino Array	92.70	320	P	P	03

Table with columns: Call Sign, Name, Frequency, Band, Mode, and other technical details. Includes stations like AKBB, KIEV, MCD, KPL, SIM, MUD, BSD, LAWE, etc.

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Table with columns: Station, Name, Time, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like MTN, WRKA, FORT, etc.

Table with columns: Station, Name, Time, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like YSS, WRA, PET, etc.

Table with columns: Station, Name, Time, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like Q18K, L02F, TPFO, etc.

21d 3h

N20K	Mount Spurr	81.85	13	P	P	03 52 54.2	-0.5
SPCR	Spurr Chakacha	81.85	13	P	P	03 52 54.2	-0.5
L18K	Granite Mounta	81.90	11	P	P	03 52 55.0	+0.1
HOLB	Holzberg	81.90	30	P	I/Amb	03 52 56.0	+0.8
P23K	Montage Islan	81.93	16	P	P	03 52 55.1	0.0
M19K	Big River Lodg	82.04	12	P	I/Amb	03 52 55.4	-0.2
M19K	Big River Lodg	82.04	12	P	P	03 52 55.6	0.0
K17K	Iditarod	82.09	10	P	P	03 52 56.2	+0.4
R11B	Troy Canyon, C	82.11	46	P	P	03 52 57.1	+0.4
HEH	HeiHe	82.19	329	eP	P	03 52 57.8	+1.2
HEH	HeiHe			sP	P	03 56 15.3	+0.8
HEH	HeiHe			pp	P	03 56 17.4	-0.5
HEH	HeiHe			S	SKSac	04 02 17.9	+1.3
HEH	HeiHe			S	pmx		
HEH	HeiHe			pmx	pmx		
L19K	White Mountain	82.20	12	P	P	03 52 56.3	-0.2
M20K	Styx River	82.27	12	P	P	03 52 56.3	-0.6
J16K	Anvik River	82.28	9	P	P	03 52 57.0	+0.2
RC01	Rabbit Creek A	82.31	14	P	P	03 52 57.1	+0.2
BELA	Belgrano 2	82.36	173	P	P	03 52 56.8	-0.4
SUA	Susitna One	82.40	14	P	P	03 52 56.8	-0.7
PWL	Port Wells	82.44	15	P	P	03 52 57.7	+0.1
HNS	HongShan	82.52	313	U	P	03 52 59.3	+0.8
HNS	HongShan			SKSac	pmx	04 02 19.5	+0.2
HNS	HongShan			pmx	pmx		
PSI	Prapai	82.56	275	P	P	03 52 58.5	-1.0
G06A	Carlson Farm,	82.59	38	P	I/Amb	03 52 59.5	+0.7
G06A	Carlson Farm,			I/Amb	I/Amb	03 54 18.4	
J17K	VAM Dome	82.61	9	P	P	03 52 58.2	-0.2
L20K	Farewell, AK	82.66	12	P	P	03 52 58.6	-0.2
KAIM	Kayak Island	82.67	17	P	I/Amb	03 52 59.3	+0.5
KAIM	Kayak Island	82.67	17	P	I/Amb	03 53 00.0	
KAIM	Kayak Island	82.67	17	P	P	03 52 58.4	-0.4
SKT	Skwentna	82.69	13	P	P	03 52 57.2	-1.6
SKT	Skwentna	82.69	13	P	P	03 52 57.8	-1.1
GLI	Glacier Island	82.77	15	P	P	03 52 58.6	-0.6
M22K	Willow	82.80	14	P	P	03 52 59.4	0.0
F12K	Port Fidalgo	82.81	16	P	P	03 52 58.7	-0.8
BJT	Baijiatuu	82.82	316	P	P	03 53 00.5	+0.5
BJT	Baijiatuu	82.82	316	P	P	03 53 00.5	+0.5
BJT	Baijiatuu			pmx	pmx		
BJI	Beijing	82.83	316	P	P	03 53 00.8	+0.8
BJI	Beijing			pP	pwP	03 55 18.6	+1.3
BJI	Beijing			S	SKSac	04 02 20.6	-0.6
BJI	Beijing			S	pmx		
BJI	Beijing			pmx	pmx		
EYAK	Cordova Ski Ar	82.83	16	P	P	03 52 59.5	0.0
I17K	Unalakleet	82.84	8	P	P	03 52 59.9	+0.4
PMR	Palmer	82.89	14	P	I/Amb	03 52 59.5	-0.3
PMR	Palmer			I/Amb	I/Amb	03 53 00.8	
PMR	Palmer	82.89	14	P	P	03 52 59.9	+0.1
PMR	Palmer	82.89	14	P	P	03 52 59.5	-0.3
PMR	Palmer			pmx	pmx		
KNK	Knik Glacier	82.89	15	P	P	03 53 00.0	+0.2
ANM	Nome	82.92	6	P	P	03 53 00.4	+0.4
Q12A	Willow Creek R	82.97	45	P	P	03 53 02.2	+1.2
CRAG	Craig	83.03	25	P	P	03 53 01.3	+0.7
J18K	Innoko River	83.05	10	P	P	03 53 01.2	+0.5
HMT	Hamilton	83.06	17	P	I/Amb	03 53 00.8	0.0
HMT	Hamilton			I/Amb	I/Amb	03 53 01.5	
ENH	Enshi	83.15	305	P	I/Amb	03 53 02.4	+0.4
ENH	Enshi			I/Amb	I/Amb	03 53 03.7	
ENH	Enshi	83.15	305	P	P	03 53 03.1	+1.2
BGLC	Bering Glacier	83.16	17	P	P	03 53 01.9	+0.8
SML	Sawmill	83.26	14	P	P	03 53 01.9	+0.1
CUT	Chulitna	83.34	13	P	P	03 53 01.6	-0.5
CUT	Chulitna	83.34	13	P	P	03 53 01.7	-0.3
SIT	Sitka	83.35	23	P	P	03 53 02.4	+0.3
H16K	Elim	83.35	8	P	P	03 53 02.3	+0.2
GSI	Gunungstoli	83.37	274	P	I/Amb	03 53 03.9	+0.6
GSI	Gunungstoli			I/Amb	I/Amb	03 53 06.2	
GSI	Gunungstoli	83.37	274	P	P	03 53 04.0	+0.6
PPLA	Purkeypile	83.38	12	P	P	03 53 02.6	+0.2
M23K	Glacier View	83.40	15	P	P	03 53 02.1	-0.3
K20K	Telida	83.42	11	P	P	03 53 02.4	-0.1
MAW	Mawson	83.44	200	P	P	03 53 02.4	-0.2
SEY	Seymchan	83.45	348	P	P	03 53 01.9	-0.6
SEY	Seymchan			iP	pmx		
SEY	Seymchan	83.45	348	iP	pmx	03 53 02.3	-0.3
G15K	Niukluk	83.48	7	P	P	03 53 02.5	-0.2
BMRM	Bremner River	83.49	16	P	P	03 53 02.7	-0.2
U33K	Whale Pass	83.50	24	P	I/Amb	03 53 03.8	+0.9
U33K	Whale Pass			I/Amb	I/Amb	03 53 04.6	
U33K	Whale Pass	83.50	24	P	P	03 53 02.8	+0.1
U33K	Whale Pass	83.53	15	P	P	03 53 03.2	+0.1
V35K	Ketchikan	83.54	25	P	P	03 53 04.1	+0.9
V35K	Ketchikan	83.54	25	P	P	03 53 03.1	0.0
KLU	Klutina	83.59	16	P	P	03 53 03.6	+0.2
MESA	MESA	83.59	18	P	P	03 53 03.8	+0.2
G08A	Pilot Rock	83.60	38	P	I/Amb	03 53 04.9	+1.0
G08A	Pilot Rock			I/Amb	I/Amb	03 54 18.9	
TNA	Tin City	83.67	5	P	P	03 53 03.9	+0.3
S31K	Pelican	83.70	22	P	P	03 53 03.9	0.0
F14K	Arctic Creek	83.72	6	P	P	03 53 04.2	+0.3
CRQE	Cirque	83.73	17	P	P	03 53 04.2	0.0
J19K	Poorman	83.73	10	P	P	03 53 04.4	+0.4

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NONG	Nongkai	83.74	291	P	P	03 53 05.6	+0.6
SRIT	Nakonsritamara	83.76	281	P	P	03 53 06.5	+1.3
GUYA	Guyang	83.87	300	P	P	03 53 06.5	+0.8
GYA	GYA			pP	pwP	03 55 25.0	+2.0
GYA	GYA			S	SKSac	04 02 29.0	+0.3
GYA	GYA			S	S	04 02 39.5	+1.8
GYA	GYA			pmx	pmx		
GYA	GYA			pmx	pmx		
SURA	Surathani	83.92	282	P	P	03 53 07.7	+1.7
S32K	Killisnoo	83.93	23	P	P	03 53 04.7	-0.3
H17K	Granite Mounta	83.95	8	P	P	03 53 05.1	+0.1
PNL	Peninsula	83.96	19	P	P	03 53 04.9	-0.3
N25K	Chitina, Valde	84.03	16	P	P	03 53 05.5	-0.1
PINM	Pinnacle	84.03	19	P	P	03 53 05.6	0.0
M24K	Tolsona, Glenn	84.05	15	P	I/Amb	03 53 06.3	+0.7
M24K	Tolsona, Glenn			I/Amb	I/Amb	03 53 07.4	
M24K	Tolsona, Glenn	84.05	15	P	P	03 53 06.0	+0.4
T33K	Petersburg	84.06	24	P	P	03 53 06.1	+0.5
G16K	Koyuk River	84.07	7	P	P	03 53 05.9	+0.3
WAT6	Susitna Watana	84.07	14	P	P	03 53 05.3	-0.6
NAYO	Nakonayok	84.08	287	P	P	03 53 08.0	+1.3
WAT1	Susitna Watana	84.10	14	P	P	03 53 05.4	-0.5
F15K	North Star Dit	84.11	6	P	P	03 53 05.5	-0.3
J20K	Novinka	84.16	11	P	P	03 53 06.0	0.0
R31K	City Hall, Gus	84.21	22	P	P	03 53 06.7	+0.4
GCSA	Galena City Sc	84.22	10	P	P	03 53 06.3	0.0
CHUM	Lake Minchum	84.24	12	P	P	03 53 05.7	-0.7
SLVN	Son La	84.25	294	P	P	03 53 08.8	+1.2
TIY	Taiyuan	84.26	312	P	P	03 53 08.3	+1.0
TRF	Thorofare Moun	84.27	13	P	P	03 53 06.2	-0.6
MCARA	McCarthy VSAT	84.27	17	P	P	03 53 06.7	0.0
PMSA	Palmer Station	84.36	157	eP	P	03 53 08.3	+1.2
H18K	Honhosa River	84.37	9	P	P	03 53 07.0	-0.1
G17K	Kwiwalk Moun	84.38	8	P	P	03 53 06.9	-0.2
CTG	Chitna Glacier	84.41	18	P	P	03 53 07.8	+0.3
P29M	Windy Craggy	84.46	20	P	P	03 53 08.3	+0.6
MVU	Marysvalde	84.51	47	P	I/Amb	03 53 10.1	+1.4
MVU	Marysvalde			I/Amb	I/Amb	03 54 28.3	
ZEA	Zeya	84.52	332	eP	P	03 53 08.7	+0.7
ZEA	Zeya			pmx	pmx		
ZEA	Zeya			pmx	pmx		
ZEA	Zeya			pmx	pmx		
ZEA	Zeya			pmx	pmx		
R32K	Eaglecrest	84.54	22	P	P	03 53 08.2	+0.2
HARP	HAARP	84.55	15	P	P	03 53 08.5	+0.4
HPIG	Denali Highway	84.55	60	P	P	03 53 10.8	+1.7
DHY	Denali Highway	84.59	14	P	P	03 53 07.8	-0.5
O28M	Mount Upton	84.59	18	P	P	03 53 08.1	-0.5
U35K	Hyder	84.60	26	P	P	03 53 08.7	+0.4
I20K	Naaghedeneel	84.67	11	P	P	03 53 08.1	-0.4
BPBW	Bear Paw Mtn.	84.70	12	P	P	03 53 07.9	-0.8
O29M	Mount Kennedy	84.72	19	P	P	03 53 09.0	0.0
PLBC	Pleasant Camp	84.78	21	P	P	03 53 09.5	+0.3
MCK	McKinley	84.81	13	P	P	03 53 08.7	-0.5
XLT	XiLinHaoTe	84.85	319	eP	pmx	03 53 10.4	+0.4
XLT	XiLinHaoTe			pmx	pmx		
PAX	Paxson	84.95	15	P	P	03 53 09.9	-0.1
H19K	Roundabout Mou	85.02	10	P	P	03 53 10.2	+0.1
G18K	Tagagawik	85.03	9	P	P	03 53 10.1	-0.1
P30M	Million Dollar	85.09	20	P	P	03 53 11.4	+0.7
M26K	Nabesna, AK	85.11	16	P	P	03 53 11.1	+0.4
121A	Coeos Peak, D	85.12	54	P	P	03 53 11.1	-0.5
YUK8	Steele Glacier	85.12	18	P	P	03 53 11.4	+0.3
SKAG	Skagway	85.14	21	P	P	03 53 11.8	+1.0
XAN	Xan	85.19	308	P	P	03 53 12.4	+0.6
XAN	Xan			pP	pwP	03 55 32.1	+2.5
XAN	Xan			S	SKSac	04 02 35.6	-0.8
XAN	Xan			S	S	04 06 55.0	+0.9
XAN	Xan			S	pmx		
XAN	Xan			pmx	pmx		
F17K	Baldwin Penin	85.21	7	P	P	03 53 11.4	+0.4
H20K	Anotleneega Mo	85.24	10	P	P	03 53 11.7	+0.4
T35M	Bob Quinn	85.24	25	P	P	03 53 12.4	+1.0
YUK6	Outpost Mounta	85.28	19	P	P	03 53 12.3	+0.4
YUK3	Moose Creek	85.31	18	P	P	03 53 12.5	+0.6
M27K	Edge Creek, AK	85.38	17	P	P	03 53 12.8	+0.7
HYT	Haines Junctio	85.46	19	P	P	03 53 13.2	+0.7
G19K	Purcell Mounta	85.49	9	P	P	03 53 12.9	+0.5
YUK4	Talbot Arm	85.51	19	P	P	03 53 13.6	+0.7
NEA2	Nena	85.53	13	P	P	03 53 12.0	-0.6
L26K	Log Cabin Wild	85.54	16	P	P	03 53 13.1	+0.3
S34M	Telegraph Cree	85.54	24	P	P	03 53 12.9	+0.1
F18K	Selawik	85.56	8	P	P	03 53 12.8	+0.2
MLY	Manley	85.58	12	P	P	03 53 11.7	-1.2
MLY	Manley	85.58	12	P	P	03 53 12.2	-0.7
K24K	Donnelly Dome	85.58					

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like J29N Klondike Camp, MAYO Mayo, Yukon, I27K Kandik River, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like VNA2 Neumayer-Watz, VNA2 comp=Z,1.0nm,0.6s,baz=64,slow=1, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like AKASG comp=Z,1.9nm,0.9s,baz=40,slow=3, SKPbc, KPL Plockton, LAWE Loch Awe, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Rows include ELK, PLCA, PDAR, YBH, CPUP, MDP, SADO, ULM, BDFB, PMSA, SCHO, KDAK, URZ, FRB, ILAR, RES, SFJD, QSPA, SHEM, H1N3, H1N2, H1N1, H1S2, H1S1, H1S3, SNA, BBT, BORG, PETK.

AZER 21 05:04:15.8, 41.61N:46.03E, h2km, ml.2
DRS 21 05:04:16.6, 41.86N:46.07E, h30km
MOS 21 05:04:16.0, 41.96N:45.93E, h39km, MPVIA3.2
NORS 21 05:04:17.3, 41.82N:45.94E, h24km, MPVIA3.4
ISC 21 05:04:17.2-1.0, 41.81N:0.02-45.96E:0.03, h30km, 12km, n20, r18/39, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Rows include ZKTA, BTLR, QZX, KMKR, XNZR, GDB, DVE, GANJ, KRNR, KRNP, GUDG, BUJR, DBC, LACR, QSAR, XNQ, GNI, SBZ.

NEIC 21 05:04:54.5-0.3, 37.34N:0.01x97.86W:0.01, h5km, 1km, mb_Lg2.3/26, ML2.7/36, Error ellipse: s-maj=2.7km s-min=2.3km az=170.0, Kansas

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Rows include KAN12, KAN10, KS21, KAN01, KAN05, KAN09, KAN17, KAN11, KAN13, GC02, BLOK, CROK.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Rows include CROK, NOKA, T3SA, OK051, OK048, R32A, QUOK, OK029, KSU1, TUL3, X34A, SMWD, X37A, AMTX, RTBA, DKNS, R40A, WHAR, X40A, K30B, PBMO.

IDC 21 05:18:04.5:2.7, 0.76S:134.73E, h0km, mb3.6/3, mbmtmp3.6/4, ML3.7/1, Error ellipse: s-maj=123.5km s-min=17.8km az=81.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Rows include WRA, WRA, ASAR, H1S3, H1S2, H1S1, H1N1, H1N2, H1N3, MKAR, KURBB.

IDC 21 05:27:45.1:2.3, 6.35S:156.17E, h0km, mb4.0/4, mbmtmp4.0/4, MS3.7/4, Error ellipse: s-maj=63.3km s-min=36.5km az=102.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Rows include WRA, ASAR, ASAJ, KLR, SONM, QSPA, NVAR, BVAR.

WEL 21 06:32:40.8:1.0, 41.57N:17.37E, h135km, 7km, M3.7/66, MLv3.7/66, Error ellipse: s-maj=0.0km s-min=0.0km az=137.2, South Island

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Rows include MRNZ, TKNZ, QNZ, QNZ, THZ, THZ, DSZ, TUWZ, BSWZ, DUWZ, TCW, CMWZ, KHZ, WEL, LTZ, BHW, KIWI, GVZ, INZ, OCWZ, MSWZ, PLWZ, AMCZ, PAWZ, HOWZ, NBEZ, OXZ, KHEZ, PREZ, LREZ, OHWZ, NBEZ, MRZ, TRWZ, PKEZ, WAZ, DREZ, WUWZ, TMWZ, TIWZ, MHZ.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Rows include POWZ, MQZ, MHEZ, OKCZ, RAKA, RWZ, VRZ, AKCZ, CPWZ, BFZ, TFSZ, GCSZ, DVHZ, RPZ, WACZ, PKVZ, MITZ, WNVZ, MAVZ, FWVZ, WHVZ, ANWZ, ARUND, MOVZ, TUWZ, TWVZ, NGZ, SNIWZ, SNIWZ, NNWZ, OTVZ, WPHZ, KRVZ, NTWZ, TMVZ, PRHZ, FOZ, HIZ, KRHZ, KATZ, KWHZ, PXZ, TMZ, WATZ, KAHZ, MICZ, BKZ, TLZ, KUTZ, LBZ, MRHZ, NNMZ, ARHZ, MTHZ, JHZ, JHZ, WAIH, ODZ, MUZ, LIRZ, SNZ, KNZ, URZ, RAGZ, PRGZ, RIGZ, MAZ, TKGZ, RUCZ, TWGZ.

TEH 21 06:43:34.7, 33.05N:46.22E, h8km, 42km, ML2.9, ISN 21 06:43:37.0:1.2, 33.14N:45.93E, h21km, 14km, ML2.6, ISC 21 06:43:36.0:1.5, 33.13N:0.1x46.16E:0.07, h10km, 12km, n9, r0580/11, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Rows include IBDR, IBDR, IBDR, ILBA, GLG1, ICHG, KCHF, IKFM, ILIN, SNQK, IKRK, NEIC 21 06:49:22.0:1.8, 18.0S:0.2x178.3W:0.1, h52km, 6km, mb4.2/37, Error ellipse: s-maj=24.5km s-min=16.2km az=152.0, IDC 21 06:49:27.3:1.2, 18.02S:178.47W, h585km, 9km, mb3.4/10, mbtmp4.4/12, Error ellipse: s-maj=35.2km s-min=11.4km az=151.0, ISC 21 06:49:26.1:0.7, 18.2S:0.1x178.4W:0.1, h579km, n88, r0593/87, mb4.2/33, 1C, Fiji Islands region

MSVF Nonsavu, MSVF Nonsavu, MSVF Nonsavu, AFI Afiamal, NIUE Niue, MARC Mare, Loyalty, PINNC Pines Island, OUENC Owen Island, NZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, ONTNC Owen Toro, NOUC Port Laguerre, KOUNC Koumang, New Ca, ILIZ Eidsvoll, MLZ Mavora Lakes, ARMA Armidale, CTAO Charters Tower, CAN Canberra, TOO Toolang, COEN Coen, STKA Stephens Creek, STKA Stephens Creek.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Rows include BBOO, WB2, WB2, WRA, WRA, WRA, WRA, AS31, AS31.

Table with columns: ASAR, Alice Springs, 44.72 254 P P, 06 56 49.3 +0.3, etc. Includes stations like ASAR, MJAR, TPUB, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MARE, LIFUNC, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LMO1, LMO3, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like I40PG, PMG, WRA, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BARC, RUSC, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KLNI, SRBI, etc.

SJA 21 08:23:44.9,0.6,37.84S:71.08W, h14km, 5M, ML4.0, MW3.7

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BI02, LC02, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BI02, BI04, etc.

Large table with columns: PLCA, Paso Flores, 3.07 165 P Pn, 08 24 37.2 +0.4, etc. Includes stations like PLCA, LL04, etc.

ATH 21 11:30:26.5,39.08N,24.02E,h10km,1km,ML1.8/3, Error ellipse: s-maj=1.6km s-min=0.9km az=251.0, Aegean Sea

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
			Op	h m s	h m s	ISC
AOS2	Alonissos-2	0.15 297	P	Pg	11 30 29.0	0.0
AOS2			S	Sg	11 30 32.5	+0.3
AOS2			AML	AML	11 30 32.8	
AOS2	comp=E,850um,0.2s		AML	AML	11 30 32.9	
KYMI	Kymi, Euboea I	0.45 172	P	Pg	11 30 35.2	-0.2
KYMI			S	Sg	11 30 41.8	+0.5
SKY	Skiros Island	0.46 116	S	Pg	11 30 35.2	-0.3
SKY			S	Sg	11 30 41.8	+0.1
SKY			AML	AML	11 30 42.5	
SKY	comp=E,962um,0.2s		AML	AML	11 30 42.7	
NEO	Neokhori	0.66 290	P	Pg	11 30 38.9	-0.3
NEO			S	Sg	11 30 48.0	+0.1
NEO			AML	AML	11 30 51.3	
NEO	comp=N,170um,0.3s		AML	AML	11 30 53.2	
DION	Dionisos Attik	1.00 184	P	Pg	11 30 45.0	-0.8
DION			S	Sg	11 30 46.0	0.0
WL2	Plateos	0.05 214	P	Pg	11 30 46.0	-0.7
WL2			S	Sn	11 31 01.6	-0.4
AXAR	Agios Charalam	1.10 254	P	Pb	11 30 47.3	-0.5
LIA	Limnos Island	1.22 48	P	Pb	11 30 49.0	-0.6
LIA			S	Sn	11 31 05.2	-0.2
WLY	Voula, Athens	1.24 188	P	Pn	11 30 49.1	-0.8
OUR	Ouranopolis	1.25 359	P	Pn	11 30 48.8	-1.4
MAKR	Makrakomi, Fth	1.47 268	P	Pn	11 30 52.2	-0.9

TAP 21 11:35:34.8, 23°18'N, 121°67'E, h20km, ML2.9, C
JMA 21 11:35:37.3, 0.8, 23°N, 121°2'E, h64km, MV2.6/7,
TAIWAN REGION

ISC 21 11:35:33.9, 1.2, 23°17'N, 121°70'E, 0.03, h10km, 10km, n63, 0.662/92, ID, Taiwan

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
			Op	h m s	h m s	ISC
ECBN	Changbin	0.27 302	P	Pb	11 35 41.9	+1.0
ECBN			iS	Sb	11 35 46.1	+0.4
CHKH	Chenggong	0.28 274	eP	Sb	11 35 41.8	+0.6
CHKH			eS	Sb	11 35 45.6	-0.4
CHKT	Chengkung	0.32 257	P	Pb	11 35 42.2	+0.5
CHKT			eS	Sb	11 35 46.6	-0.4
FULB	Fuli	0.38 274	eP	Pb	11 35 42.7	0.0
EYUL	Yuli	0.40 297	iP	Pb	11 35 43.5	+0.5
HGSD	Rutsui	0.41 321	P	Pb	11 35 43.4	+0.1
HGSD			eS	Sb	11 35 48.7	-0.9
TWF1	Yuli	0.42 296	P	Pb	11 35 43.6	+0.2
EDH	Donghe	0.42 242	eP	Pb	11 35 43.9	+0.5
EDH			eS	Sb	11 35 49.7	-0.1
YULB	Yu-li	0.43 301	P	Pb	11 35 43.9	+0.2
ECS	Chishang	0.45 261	P	Pb	11 35 44.6	+0.6
EDH	Haiduan	0.46 267	eP	Pb	11 35 44.1	0.0
EHYH	Wanrong	0.46 314	eP	Pb	11 35 44.5	+0.3
EHY	Hungye	0.48 314	P	Pb	11 35 44.6	0.0
EHY			eS	Sb	11 35 51.9	+0.1
LDUT	Ludao	0.54 204	eP	Pb	11 35 46.2	+0.7
LDUT			eS	Sb	11 35 53.2	-0.1
TEGC	Jichi Village	0.56 344	eP	Pb	11 35 46.4	+0.6
EGFH	Guangfu	0.56 333	eS	Sb	11 35 54.2	+0.3
LONT	Longtian	0.59 244	eP	Pb	11 35 46.6	+0.2
LONT			S	Sb	11 35 54.7	-0.1
WARBT	Fenglin Townsh	0.62 332	P	Pb	11 35 47.0	+0.1
WARBT			eS	Sb	11 35 54.9	-0.7
SHUL	Shoufeng	0.63 348	eP	Pb	11 35 47.6	+0.6
SHUL			S	Sb	11 35 56.4	+0.5
ELDTW	Lidau	0.63 272	P	Pg	11 35 46.5	+0.3
ELDTW			eS	Sg	11 35 54.1	-0.4
TWGBT	Beinan	0.67 239	P	Pb	11 35 47.7	-0.1
TWG	Pinlang	0.68 239	eP	Pb	11 35 47.8	-0.1
TWG			eS	Sg	11 35 56.5	+0.6
ESL	Shilin	0.69 339	P	Pb	11 35 48.2	+0.2
ESL			S	Sb	11 35 57.0	-0.6
TEYL	Yanliu Villag	0.70 352	eP	Pn	11 35 49.6	-0.3
ETHM	Tongmen	0.81 346	eP	Pb	11 35 50.1	-0.1
STYH	Taoyuan	0.85 270	eP	Pg	11 35 50.6	+0.2
STYH			eS	Sg	11 36 00.9	-0.6
ALS	Alishan	0.89 292	iP	Pb	11 35 51.7	0.0
ALS			S	Sg	11 36 03.4	+0.6
ECL	Taimali	0.90 231	eP	Pb	11 35 52.4	+0.8
OWD	Renai	0.92 328	eP	Pb	11 35 51.9	-0.2
OWD			eS	Sg	11 36 02.4	-1.2
SSLB	Suanguiling	0.92 312	P	Pg	11 35 51.6	-0.1
WHYT	Xinyi Township	0.94 304	P	Pb	11 35 52.4	+0.1
WHYT			eS	Sg	11 36 04.1	-0.2
WUSB	Renai	0.98 327	iP	Pg	11 35 52.8	0.0
ETL	Fush Village	0.99 356	eP	Pb	11 35 53.0	-0.2
SLGT	Lugui	0.99 260	eP	Pg	11 35 53.0	0.0
TPUB	Ta-pu	1.00 278	iP	Pb	11 35 53.5	+0.1
TPUB			iS	Sg	11 36 06.5	+0.4
NACB	Ninganchiao	1.00 354	eP	Pg	11 35 52.8	-0.5
WTP	Ta-pu	1.01 275	iP	Pb	11 35 53.7	+0.2
WTP			eS	Sg	11 36 06.7	+0.3
CHN5	Tsauling	1.03 294	iP	Pn	11 35 54.5	-0.1
CHN5			S	Sb	11 36 08.2	+0.6
CHN4	Tsaulshan	1.04 280	eP	Pb	11 35 54.5	+0.5
WCKO	Fanlu	1.04 285	eP	Pb	11 35 54.6	+0.4
WCKO			eS	Sb	11 36 08.3	+0.4

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
			Op	h m s	h m s	ISC
WHF	Hehuan Shan	1.05 338	eP	Pg	11 35 53.9	-0.2
ETHL	Xiulin Townsh	1.05 349	eP	Pg	11 35 53.5	-0.6
CHN1	Nanshi	1.08 271	eP	Pb	11 35 55.2	+0.4
CHN1			iS	Sb	11 36 09.7	+0.7
EOSA	EOSA	1.10 31	eP	Pn	11 35 55.8	+0.7
SNST	Tainan City	1.11 273	eP	Pg	11 35 55.4	+0.1
SNST			eS	Sb	11 36 10.3	+0.5
MASBT	Mashuluo	1.13 241	eP	Pg	11 35 55.1	-0.6
LAY	Lanyu	1.14 187	eP	Pg	11 35 54.4	-1.3
WCS	Beigang Elemen	1.14 321	eP	Pg	11 35 55.6	-0.3
FUSS	Fushou	1.15 339	eP	Pg	11 35 55.8	-0.3
LYUB	Lan-yu	1.17 185	eP	Pg	11 35 54.5	-1.9
WNT	Mingjian	1.17 307	eP	Pn	11 35 56.8	+0.4
WNT			eS	Sg	11 36 11.6	-0.1
WDLH	Douliu	1.19 296	eP	Pg	11 35 57.4	+0.8
CHY	Chiyai	1.22 286	eP	Pn	11 35 57.6	+0.3
EOS3	EOS3	1.25 27	eP	Pg	11 35 58.1	+0.3
NNSB	Datong	1.29 347	eP	Pn	11 35 57.8	-0.3
WHP	Taichung City	1.30 328	eP	Pg	11 35 59.3	+0.4
TWQ1	Liyutan	1.45 324	iP	Pg	11 36 01.7	-0.1
TWQ1			eS	Sg	11 36 20.3	-0.3
YHNB	Yeheng	1.52 349	eP	Pn	11 36 01.1	-0.2
YHNB			eS	Sn	11 36 19.5	-1.8
HATJ	Hateruma jima	2.12 65	eP	Pn	11 36 10.4	+0.9
HATJ			eS	Pn	11 36 35.2	+0.6
JJI	Ishigaki jima	2.53 62	eP	Pn	11 36 16.9	+1.9
JISG	Ishigakijimah	2.77 59	eP	Pn	11 36 18.9	+0.5
JISG			eS	Sn	11 36 51.1	-0.9
JTJ	Tarama	3.11 61	eP	Pn	11 36 24.3	+1.3
JTJ			eS	Sn	11 37 00.4	+0.1
JMJ2	Miyako jima3	3.67 64	eP	Pn	11 36 32.3	+1.6

IDC 21 11:47:15.2, 2.3, 26°28'S, 177°54'W, h0km, mb3.6/3, mbmp3.6/3, MS2.8/2, Error ellipse: s-maj=61.4km, s-min=54.8km az=37.0

ISC 21 11:47:20.1, 1.9, 26°25'S, 177°55'W, 0.3, h35km, n17, 0.404/9, mb4.2/6, 5C, South of Fiji Islands

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
			Op	h m s	h m s	ISC
RAR	Rarotonga	16.98 77	Op	LR	11 57 29.7	
CTA	Charters Tower	33.80 273	LR	LR	12 06 11.3	
ASAR	Alice Springs	43.95 262	P	P	11 55 23.9	0.0
WRA	Warramunga Arr	44.54 268	P	P	11 55 28.7	-0.1
MAW	Mawson	76.38 200	P	P	11 59 05.6	+0.2
TROLL	Troll, Antart	82.06 180	iP	P	11 59 37.0	+0.4
SNA	Sanae	82.32 178	iP	P	11 59 37.6	-0.3
H03S2	Juan Fernandez	82.42 124	T	T	13 30 28.5	
H03S1	Juan Fernandez	82.44 124	T	T	13 30 23.7	
H03S3	Juan Fernandez	82.44 124	T	T	13 30 22.5	
VNA3	Neumayer Olymp	82.45 176	iP	P	11 59 37.7	-0.8
H03N3	Juan Fernandez	82.59 124	T	T	13 30 30.8	
H03N2	Juan Fernandez	82.60 124	T	T	13 30 31.4	
H03N1	Juan Fernandez	82.61 124	T	T	13 30 31.9	
VNA2	Neumayer-Watz	82.89 177	iP	P	11 59 40.6	-0.1
VNA1	Neumayer-Stat	83.12 176	iP	P	11 59 42.0	+0.2
HFS	Hagfors	145.21 350	PKPbc	PKPab	12 06 53.3	+0.1

IDC 21 11:52:25.5, 3.4, 4°65'S, 101°52'E, h0km, mb3.5/7, mbmp3.5/7, Error ellipse: s-maj=145.3km s-min=20.1km az=54.0

DJA 21 11:52:35.8, 0.3, 4°S, 101°52'E, h41km, 12km, M4.3/8, mb4.5/3, MLV4.2/8

ISC 21 11:52:31.8, 1.0, 4°55'S, 101°50'E, 0.1, h30km, n27, 1.501/17, mb3.6/7, Sumatera

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
			Op	h m s	h m s	ISC
UBSI	University, Be	0.80 31	Op	Pn	11 52 47.7	+0.6
UBSI			S	Sn	11 52 57.2	-0.8
EGSI	Enggano, Bengk	0.99 155	P	Pb	11 52 55.1	+4.6
LWLI	Lawa	2.27 104	P	Pb	11 53 08.9	+1.5
PPSI	Pulau Pagai	2.49 312	P	Pb	11 53 15.0	-0.9
KASI	Kota Agung	2.84 312	P	Pn	11 53 16.9	+1.7
PDSI	Padang	3.78 318	P	Pn	11 53 30.5	+2.4
SISI	Saibi	4.15 338	P	Pn	11 53 36.8	+3.6
PBSI	Pulau Batu	5.64 321	P	Pn	11 53 56.4	+2.7
BBJI	Bungbulang	6.50 118	P	Pn	11 54 06.9	+1.4
UGM	Wanagama	9.28 112	P	Pn	11 54 45.6	+1.9
CMAR	Chiang Mai Arr	22.94 353	P	P	11 57 34.0	+0.3
H08S2	Diego Garcia H	29.36 262	T	T	12 28 57.6	
H08S3	Diego Garcia H	29.37 262				

21d 12h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like BOSA, MATP, MBRAR, ESDC, etc.

Technical notes and data for the 21d 12h observation, including coordinates, frequencies, and observation parameters.

2018 SEP

NP2: 210.00000, 878.00000, 1.157.00000. GCMT 21:12:49:30.4.0.1.2.46N.0.01:95.51W.0.1.0.1, h15km, MW5.6/143. Moment Tensor Solution. S143.c302; Duration: 156 Moment tensor: Scale 10^17 Nm; Mn=0.76; M2=0.33; M3=0.04; M4=2.57; M5=1.11; M6=1.66; M7=0.70; M8=1.1; Best double couple: M3.58400x10^17 NP1: 30.00000, 887.00000, 1.622.00000. NP2: 121.00000, 872.00000, 1.3.00000. Principal axes: T 4.0890, Plg15.0000, Azm344.0000; N -1.0130, Plg72.0000; Azm202.0000; P -3.0790, Plg11.0000; Azm77.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function. ISC 21:12:49:26.9.0.3.230N.0.05:95.67W.0.05, h10km, n1253, 0.1516/807, mb5.2/338, MSS.2/491, 5C-4D, Galapagos

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Puerto Ayora, Retalhuleu, JATS, etc.

1418

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

21d 12h

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like SPR3 Spring Creek 3, L44A Lake County Fo, CO01 Juntas del Tor, etc.

2018 SEP

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like I45A Fountain, PEL Peidehue, PEL Peidehue, etc.

1420

Table with columns: ID, Name, Date, Time, Location, Status, and other details. Includes entries like O02D Mt. Diablo Mer, KCPM Cahto Peak, M65A Busby, Falmout, etc.

J01E	Myrtle Point	47.85 332	Iamb	Iamb	12 58 10.9
LL04	Puerto Octay	47.95 156	IAMS_20	IAMS_20	13 13 14.1
G06A	Carlson Farm	48.07 336	P	P	12 58 07.0 +0.3
G06A	Wood Farm, Sta	48.21 339	Iamb	Iamb	12 58 25.6
E09A	Buck Mount	48.23 334	Iamb	Iamb	12 58 15.6
H04A	Detroit Lake	48.27 335	IAMS_20	IAMS_20	13 16 16.4
F04A	Phinny Hill Vi	48.34 337	Iamb	Iamb	12 58 25.5
G05A	Wamic	48.35 336	IAMS_20	IAMS_20	13 18 48.6
E08A	Dider Farm, El	48.52 339	IAMS_20	IAMS_20	13 17 35.7
I02E	Swisshome, OR	48.54 333	P	P	12 58 09.6 -0.7
PLCA	Paso Flores	48.57 155	P	P	12 58 11.4 +0.7
PLCA	Paso Flores	48.57 155	P	P	12 58 10.8 +0.1
PLCA	Paso Flores	48.57 155	P	P	12 58 12.9 +2.2
PLCA	Paso Flores	48.57 155	eP	eP	12 58 11.4 +0.7
HAWA	Hanford	48.61 338	IAMS_20	IAMS_20	13 17 27.2
COR	Corvallis	48.67 334	P	P	12 58 11.8 +0.5
COR	Corvallis	48.67 334	Pmax	Pmax	12 58 11.8 +0.5
COR	Sunnyside	48.87 338	P	P	12 58 12.8 0.0
E07A	Sunnyside	48.87 338	Iamb	Iamb	12 58 18.3
E07A	Wollman Farm	48.95 339	Iamb	Iamb	12 58 17.3
D08A	Wollman Farm	48.95 339	IAMS_20	IAMS_20	13 18 10.1
IT0B	Iaqui	49.02 133	IAMS_20	IAMS_20	13 18 24.3
IT0B	Iaqui	49.02 133	eP	eP	12 58 14.4 +0.2
EMMW	East Machias	49.02 27	P	P	12 58 13.9 0.0
EMMW	East Machias	49.02 27	Iamb	Iamb	12 58 21.4
PSAL	Palomares	49.11 136	eP	eP	12 58 13.9 -1.0
G03D	McMinville, O	49.15 334	IAMS_20	IAMS_20	13 19 25.8
SMTB	Santa Maria do	49.18 104	eP	P	12 58 16.8 +0.8
G65A	Princeton	49.36 26	Iamb	Iamb	12 58 27.5
C09A	Chrisman Ranch	49.36 340	P	P	12 58 16.8 +0.2
F04A	Amboy	49.37 336	IAMS_20	IAMS_20	13 17 05.5
NEW	Newport	49.38 341	LR	LR	12 58 16.4 -0.4
NEW	Newport	49.38 341	LR	LR	13 19 11.8
NEW	Newport	49.38 341	P	P	12 58 16.4 -0.4
NEW	Newport	49.38 341	Pmax	Pmax	12 58 16.4 -0.4
NEW	Newport	49.38 341	MLR	MLR	12 58 16.4 -0.4
F64A	Sherman	49.55 25	Iamb	Iamb	12 58 25.3
ITRB	Iurama	49.55 118	eP	P	12 58 20.1 +1.7
F04D	Rainier, OR	49.73 335	IAMS_20	IAMS_20	13 17 03.2
LTY	Liberty	49.76 338	Iamb	Iamb	12 58 23.7
LTY	Liberty	49.76 338	IAMS_20	IAMS_20	13 18 42.6
LON	Longmire	49.78 337	P	P	12 58 19.4 -0.5
LON	Longmire	49.78 337	IAMS_20	IAMS_20	13 17 58.4
LON	Longmire	49.78 337	Pmax	Pmax	12 58 19.4 -0.5
CRSM	Cristianal (Br	49.81 129	eP	P	12 58 20.3 0.0
UNIS	Unistalda (Bra	49.84 132	eP	P	12 58 20.6 +0.1
F03A	Seaside	49.84 335	IAMS_20	IAMS_20	13 19 55.2
PTGB	Pitanga	50.09 125	eP	P	12 58 22.2 -0.5
LMQ	La Malbeia	50.13 22	P	P	12 58 21.4 -1.0
LMQ	La Malbeia	50.13 22	Iamb	Iamb	12 58 32.8
LMQ	La Malbeia	50.13 22	IAMS_20	IAMS_20	13 19 38.9
B08A	Colville Reser	50.21 340	P	P	12 58 23.3 +0.3
B08A	Colville Reser	50.21 340	IAMS_20	IAMS_20	13 16 57.2
D62A	Allapoint, All	50.24 23	Iamb	Iamb	12 58 33.8
PQ1	Presque Isle	50.33 25	Iamb	Iamb	12 58 34.5
RADR	Rader Ridge	50.34 335	IAMS_20	IAMS_20	13 19 47.2
BDFB	Brasilia	50.37 112	P	P	12 58 24.8 -0.1
BDFB	Brasilia	50.37 112	Iamb	Iamb	12 58 30.9
BDFB	Brasilia	50.37 112	P	P	12 58 25.6 +0.8
BDFB	Brasilia	50.37 112	LR	LR	13 19 01.3
RODS	Rosario do Sul	50.42 133	eP	P	12 58 24.8 -0.1
TRQA	Tornquist	50.81 146	P	P	12 58 27.4 -0.3
TRQA	Tornquist	50.81 146	Iamb	Iamb	12 58 33.9
TRQA	Tornquist	50.81 146	eP	P	12 58 27.9 +0.2
GNW	Green Mountain	50.85 337	Iamb	Iamb	12 58 43.5
WISH	Wishkah	50.88 335	IAMS_20	IAMS_20	13 20 21.4
IPMB	Ipameri, GO	50.89 115	eP	P	12 58 28.1 -0.5
LMN	Caledonia Moun	51.19 27	P	P	12 58 28.9 -0.8
LMN	Caledonia Moun	51.19 27	Iamb	Iamb	12 58 36.5
NLWA	Neilton Loukou	51.13 336	IAMS_20	IAMS_20	13 20 38.2
ITAB	Concordia	51.18 128	eP	P	12 58 30.5 -0.1
ALGR	Alto Alegre (B	51.24 130	eP	P	12 58 31.4 +0.2
BATG	Bathurst New B	51.63 25	Iamb	Iamb	12 58 44.4
CPSB	Cacapava Do Su	51.74 132	eP	P	12 58 33.8 -1.1
C03A	Quillayute Air	51.86 336	IAMS_20	IAMS_20	13 19 46.5
PGC	Sidney	51.98 337	IAMS_20	IAMS_20	13 19 15.3
COYC	Coyhaigue	52.05 159	Iamb	Iamb	12 58 44.5
PLTB	Pedras Altas	52.33 134	Iamb	Iamb	12 58 45.5
PLTB	Pedras Altas	52.33 134	eP	P	12 58 38.2 -1.0
CLRS	Cowichan Lake	52.38 337	IAMS_20	IAMS_20	13 19 16.1
SDBA	Sao Desiderio	52.48 107	eP	P	12 58 39.5 -1.2
FFC	Flin Flon	52.52 355	P	P	12 58 40.4 +0.2
FFC	Flin Flon	52.52 355	Iamb	Iamb	12 58 55.4
FFC	Flin Flon	52.52 355	P	P	12 58 40.4 +0.2
FFC	Flin Flon	52.52 355	Pmax	Pmax	12 58 40.4 +0.2
FFC	Flin Flon	52.52 355	MLR	MLR	12 58 40.4 +0.2
EDM	Edmonton	52.83 347	P	P	12 58 42.7 +0.1
EDM	Edmonton	52.83 347	IAMS_20	IAMS_20	13 20 23.8
EDM	Edmonton	52.83 347	P	P	12 58 42.7 +0.1
EDM	Edmonton	52.83 347	Pmax	Pmax	12 58 42.7 +0.1
ICQ	Pointe Anglais	52.91 23	IAMS_20	IAMS_20	13 21 14.5
RCLB	Rio Claro- Sao	52.99 120	eP	P	12 58 45.7 +1.4
SPB	Sao Paulo	53.51 122	IAMS_20	IAMS_20	13 20 50.5
SPB	Sao Paulo	53.51 122	eP	P	12 58 48.9 +1.0

JANB	Januaría	53.66 110	eP	P	12 58 48.9 -0.5
YAO	Valinhos	53.69 121	eP	P	12 58 50.3 +0.8
PMOR	Pomario Rio	54.47 250	eT	T	13 57 49.9
DIAM	Diamantina, MG	55.10 114	eP	P	12 58 59.2 -0.7
H0LB	Holberg	55.43 335	IAMS_20	IAMS_20	13 22 03.8
FCC	Fort Churchill	56.33 31	IAMS_20	IAMS_20	13 22 57.0
BBB	Bella Bella	56.60 337	IAMS_20	IAMS_20	13 21 22.6
BBB	Bella Bella	56.60 337	LR	LR	13 21 34.0
PPT	Papeete	56.66 247	LR	LR	13 17 22.5
PPT2	Papeete2	56.67 247	ePP	PP	13 01 14.8 -2.4
PPT2	Papeete2	56.67 247	eS	S	13 07 01.9 -2.0
PPT2	Papeete2	56.67 247	eSS	SS	13 10 44.1 -7.8
PPT2	Papeete2	56.67 247	eLQ	LQ	13 13 20.8
PPT2	Papeete2	56.67 247	eLR	LR	13 15 44.4
PPT2	Papeete2	56.67 247	eLR	LR	13 15 45.6
GO09	Cerro Castillo	56.95 163	P	P	12 59 13.3 +1.0
SCHO	Schefferville	57.39 19	P	P	12 59 15.5 +0.1
SCHO	Schefferville	57.39 19	P	P	13 26 02.9
GU01	Guandu, BA	57.84 108	eP	P	12 59 18.6 -0.6
HG4B	Hotspring	57.94 335	IAMS_20	IAMS_20	13 24 26.3
TBI	Tubuai	58.21 241	eS	S	13 07 26.0 +2.1
TBI	Tubuai	58.21 241	eSS	SS	13 11 17.5 +1.6
TBI	Tubuai	58.21 241	eLQ	LQ	13 13 54.1
TBI	Tubuai	58.21 241	eLR	LR	13 16 34.0
TBI	Tubuai	58.21 241	eLR	LR	13 16 35.7
TBI	Tubuai	58.21 241	eT	T	14 02 23.5
GU01	Guararã, BA	58.23 111	eP	P	12 59 21.1 -0.9
NAN01	Guarapari, ES	58.24 113	eP	P	12 59 21.2 -0.9
RIB01	Linhares ES	58.36 114	eP	P	12 59 23.6 +0.0
NBLA	Lingare - SE	59.06 104	eP	P	12 59 27.9 0.7
U35K	Hyder	60.18 339	IAMS_20	IAMS_20	13 25 14.1
U35K	Hyder	60.18 339	P	P	12 59 35.0 +0.2
RCBR	Riachuelo	60.23 98	LR	LR	13 25 23.2
V35K	Ketchikan	60.34 337	IAMS_20	IAMS_20	13 25 29.4
V35K	Ketchikan	60.34 337	P	P	12 59 36.0 +0.1
STCH	Steak Cracks	60.50 291	IAMS_20	IAMS_20	13 23 12.4
TOAD	Toad River Com	60.94 343	P	P	12 59 39.3 -0.7
CRAG	Craig	61.03 337	IAMS_20	IAMS_20	13 25 51.8
CRAG	Craig	61.03 337	P	P	12 59 40.9 +0.3
T35M	Bob Quinn	61.07 339	IAMS_20	IAMS_20	13 25 39.7
T35M	Bob Quinn	61.07 339	P	P	12 59 41.7 +0.7
USHA	Ushuaia	61.21 162	LR	LR	13 21 45.3
U33K	Whale Pass	61.49 337	IAMS_20	IAMS_20	13 26 35.1
U33K	Whale Pass	61.49 337	P	P	12 59 44.6 +0.9
LIRD	Liat River Hi	61.65 343	P	P	12 59 45.9 +1.1
KOTAN	Kotanelee Air	61.68 344	P	P	12 59 45.8 +0.8
YKA	Yellowknife Ar	61.70 350	P	P	12 59 45.2 +0.2
YKA	Yellowknife Ar	61.70 350	P	P	12 59 45.1 0.0
YKA	Yellowknife Ar	61.70 350	LR	LR	13 27 16.4
YKA	Yellowknife Ar	61.70 350	P	P	12 59 45.2 +0.2
T33K	Petersburg	61.94 338	P	P	12 59 47.5 +0.8
S34M	Telegraph Cree	62.09 339	P	P	12 59 48.0 +0.2
S34M	Telegraph Cree	62.09 339	IAMS_20	IAMS_20	13 26 54.6
S34M	Telegraph Cree	62.09 339	P	P	12 59 49.0 +1.2
DLBC	Dease Lake	62.12 340	Iamb	Iamb	12 59 53.2
DLBC	Dease Lake	62.12 340	LR	LR	12 57 08.7
DLBC	Dease Lake	62.12 340	P	P	12 59 48.5 +0.5
SIT	Sitka	63.02 337	IAMS_20	IAMS_20	13 27 08.5
SIT	Sitka	63.02 337	P	P	12 59 55.5 +1.6
S32K	Killsnoo	63.03 338	IAMS_20	IAMS_20	13 25 42.5
S32K	Killsnoo	63.03 338	P	P	12 59 55.3 +1.4
WTLY	Watson Lake, Y	63.03 342	Iamb	Iamb	13 00 10.3
WTLY	Watson Lake, Y	63.03 342	IAMS_20	IAMS_20	13 27 15.1
WTLY	Watson Lake, Y	63.03 342	P	P	12 59 55.3 +1.2
R33M	Jennings River	63.16 341	Iamb	Iamb	13 00 00.9
R33M	Jennings River	63.16 341	P	P	12 59 56.8 +1.7
Q32M	Nakina River	63.28 340	Iamb	Iamb	13 00 13.0
Q32M	Nakina River	63.28 340	P	P	12 59 56.8 +0.9
R32K	Eaglecrest	63.58 338	P	P	12 59 57.7 +1.0
R32K	Eaglecrest	63.58 338	Iamb	Iamb	13 00 18.6
R32K	Eaglecrest	63.58 338	IAMS_20	IAMS_20	13 27 19.1
R32K	Eaglecrest	63.58 338	P	P	12 59 59.3 +1.6
SGTN	Hyland Airport	64.00 343	P	P	13 00 02.3 +1.8
TG1N	Pelican	64.01 337	Iamb	Iamb	13 00 18.1
S31K	Pelican	64.01 337	IAMS_20	IAMS_20	13 28 18.5
S31K	Pelican	64.01 337	P	P	13 00 01.8 +1.3
R31K	City Hall, Gus	64.13 338	P	P	13 00 02.6 +1.4
WRGL	Wrightsville	64.17 346	P	P	13 00 02.7 +1.3
P32M	Atlin	64.24 340	Iamb	Iamb	13 00 15.1
P32M	Atlin	64.24 340	P	P	13 00 03.2 +1.1
P33M	Teslin, Yukon	64.40 340	Iamb	Iamb	13 00 19.6
P33M	Teslin, Yukon	64.40 340	P	P	13 00 04.2 +1.1
FRB	Frubisher Bay	64.46 13	LR	LR	13 27 56.7
SKAG	Skagway	64.72 339	Iamb	Iamb	13 00 10.8
SKAG	Skagway	64.72 339	P	P	13 00 06.2 +1.1
PLBC	Pleasant Camp	65.10 338	P	P	13 00 09.4 +1.9
N32M	Quiet Lake	65.19 341	P	P	13 00 08.7 +0.5
WHY	Whitehorse	65.42 340	P	P	13 00 10.6 +0.8
WHY	Whitehorse	65.42 340	Iamb	Iamb	13 00 15.1

WHY	Whitehorse	65.42 340	P	P	13 00 10.6 +0.8
P29M	Windy Craggy	65.72 338	P	P	13 00 12.7 +0.5
P29M	Windy Craggy	65.72 338	Iamb	Iamb	13 00 31.4
P29M	Windy Craggy	65.72 338	IAMS_20	IAMS_20	13 29 33.8
P29M	Windy Craggy	65.72 338	P	P	13 00 13.1 +1.0
P30M	Million Dollar	65.78 339	P	P	13 00 12.7 +1.0
O30N	Mendenhall	65.92 340	P	P	13 00 13.0 0.0
O30N	Mendenhall	65.92 340	Iamb	Iamb	

21d 12h

EYAK	Cordova Ski Ar baz=125,SNR=23	69.42 336	P	P	13 00 36.5 +1.5
BCAR	Beaver Creek A	69.46 339	P	P	13 00 36.0 +0.7
L27K	Beaver Creek, L27K	69.47 339	I	Amb	13 00 36.1 +0.8 13 00 52.0
L27K	comp-Z,26nm,1.3s Beaver Creek, baz=130,SNR=15	69.47 339	P	P	13 00 35.7 +0.4
M26K	Nabesna, AK comp-Z,21nm,1.3s	69.48 339	I	Amb	13 00 51.8
M26K	Nabesna, AK baz=128,SNR=15	69.48 339	P	P	13 00 35.9 +0.6
C36M	Paulatuk comp-Z,21nm,19.0s	69.57 350	I	Amb	13 32 08.2
C36M	Paulatuk baz=149	69.57 350	P	P	13 00 36.7 +1.0
N25K	Chitina, Valde N25K	69.59 337	P	P	13 00 36.9 +0.7 13 00 52.9
N25K	comp-Z,32nm,1.3s Chitina, Valde baz=126,SNR=17	69.59 337	P	P	13 00 37.5 +1.3
H3N	Hinchinbrook I comp-Z,11nm,18.0s	69.64 336	I	Amb	13 32 20.7
P23K	Montate Islan baz=123	69.60 335	P	P	13 00 38.3 +1.0
FID	Port Fidalgo comp-Z,28nm,1.3s	69.63 336	I	Amb	13 00 53.9
FID	comp-Z,11nm,19.0s		I	Amb	13 32 39.7
G31M	Satah River baz=138	69.66 345	P	P	13 00 38.1 +0.6
I29M	Ogilvie Camp, comp-Z,21nm,20.0s	69.66 342	I	Amb	13 31 01.7
I29M	Ogilvie Camp, baz=134,SNR=9.6	69.66 342	P	P	13 00 38.1 +0.5
L26K	Log Cabin Wild comp-Z,19nm,1.2s	69.99 339	I	Amb	13 00 43.5
L26K	Log Cabin Wild baz=128,SNR=9.8	69.99 339	P	P	13 00 39.6 +1.1
KLU	Klutina comp-Z,23nm,1.4s	70.04 337	I	Amb	13 00 51.5
KLU	comp-Z,21nm,20.0s Klutina baz=125	70.04 337	P	P	13 00 39.8 +0.9
F31M	Tsigiehtic comp-Z,21nm,19.0s	70.11 345	I	Amb	13 31 57.9
F31M	Tsigiehtic baz=139	70.11 345	P	P	13 00 39.9 +0.8
EPYK	Eagle Plains EPYK	70.11 344	P	P	13 00 40.2 +0.9 13 01 08.7
EPYK	comp-Z,28nm,1.1s Eagle Plains baz=136,SNR=10	70.11 344	P	P	13 00 39.9 +0.6
GLI	Glacier Island GLI	70.16 336	I	Amb	13 00 54.5 13 00 54.5
GLI	comp-Z,14nm,1.1s Glacier Island baz=125	70.16 336	P	P	13 00 39.7 +0.2
K27K	Chicken baz=130	70.18 340	P	P	13 00 40.4 +0.7
HARP	HAARP baz=126	70.28 338	P	P	13 00 41.3 +1.1
EGAK	Eagle comp-Z,21nm,18.0s	70.36 341	I	Amb	13 32 37.0
EGAK	Eagle baz=131	70.36 341	P	P	13 00 41.7 +1.0
G30M	Aoch Zraii Nji baz=136	70.42 344	P	P	13 00 41.7 +0.6
I28M	Miner Creek baz=132	70.42 342	P	P	13 00 41.8 +0.6
H29M	Whitestone baz=134,SNR=8.8	70.48 343	P	P	13 00 42.6 +1.1
M24K	Tolsona, Glenn comp-Z,35nm,1.4s	70.49 337	I	Amb	13 01 36.8
M24K	Tolsona, Glenn baz=125	70.49 337	P	P	13 00 42.5 +0.9
PWL	Port Wells comp-Z,11nm,21.0s	70.65 336	I	Amb	13 31 15.4
PWL	Port Wells baz=122	70.65 336	P	P	13 00 42.5 -0.1
INK	Inuvik comp-Z,139,SNR=27	70.72 346	P	P	13 00 43.1 +0.4 13 00 44.1 +1.3
INK	Inuvik comp-Z,75nm,1.3s	70.72 346	pmax	pmax	13 00 43.2 +0.4
INK	comp-Z,800nm,22.0s Seward baz=121	70.72 335	P	P	13 00 43.5 +0.6
PAX	Paxson baz=126,SNR=6.8	70.73 338	P	P	13 00 43.3 +0.2
F30M	Barrier River baz=137,SNR=9.0	70.76 345	P	P	13 00 44.2 +1.1
SCM	Sheep Creek Mo comp-Z,21nm,1.1s	70.78 337	I	Amb	13 01 02.3
SCM	comp-Z,21nm,21.0s Sheep Creek Mo baz=124	70.78 337	P	P	13 00 44.1 +0.6
SCRK	Sand Creek SCRK	70.80 340	I	Amb	13 00 44.0 +0.4 13 01 07.1
SCRK	comp-Z,17nm,1.1s Sand Creek baz=128,SNR=9.9	70.80 340	P	P	13 00 44.2 +0.6
PMSA	Palmer Station comp-Z,21nm,18.4s,baz=332,slow=30	70.81 166	P	LR	13 25 02.5
PMSA	Palmer Station Pine Creek	70.81 166	eP	P	13 00 44.2 +0.9 13 00 44.8 +1.0
G29M	Palmer Station G29M	70.81 166	eP	P	13 00 44.2 +0.9 13 00 44.8 +1.0
M23K	Glacier View baz=123,SNR=11	70.92 337	P	P	13 00 45.0 +0.8
RIDG	Independent Ri comp-Z,29nm,1.1s	70.96 339	I	Amb	13 01 07.9
RIDG	comp-Z,21nm,20.0s Independent Ri baz=127,SNR=11	70.96 339	P	P	13 00 45.2 +0.7
J26L	Joseph Creek baz=128,SNR=26	70.98 340	P	P	13 00 45.2 +0.6
KDAK	Kodiak Island comp-Z,21nm,20.0s	70.99 332	I	Amb	13 30 30.8
KDAK	Kodiak Island KniK Glacier comp-Z,11nm,18.0s	70.99 332	P	P	13 00 45.3 +0.7
KNK	KniK Glacier comp-Z,11nm,18.0s	71.00 336	P	P	13 00 45.8 +1.1
KNK	KniK Glacier baz=122,SNR=16	71.03 335	I	Amb	13 32 56.6
O22K	Cooper Landing comp-Z,11nm,19.0s	71.03 335	P	P	13 00 45.7 +0.9
O22K	Cooper Landing baz=121	71.03 335	P	P	13 00 46.2 +1.3
I27K	Kandik River baz=130,SNR=23	71.05 342	P	P	13 00 46.2 +1.3
OHAK	Old Harbor comp-Z,11nm,21.0s	71.07 331	P	P	13 00 46.1 +1.0
BRSE	Bradley Lake S baz=120	71.09 334	P	P	13 00 46.1 +0.8
SML	Sawmill comp-Z,11nm,20.0s	71.17 336	I	Amb	13 32 48.9
SML	Sawmill baz=123,SNR=27	71.17 334	P	P	13 00 46.4 +0.6
BRLK	Bradley Lake BRLK	71.17 334	P	P	13 00 46.4 +0.6 13 00 16.3
CNPM	China Poot CNPM	71.21 334	I	Amb	13 00 45.5 -0.5 13 00 58.4
CNPM	comp-Z,32nm,1.2s China Poot comp-Z,11nm,19.0s	71.21 330	I	Amb	13 30 18.3
SII	Sitkinak Islan SII	71.21 330	I	Amb	13 31 16.0
SII	Sitkinak Islan baz=116	71.21 330	P	P	13 00 47.0 +0.9
SYI	Shuyak Island comp-Z,11nm,20.0s	71.29 332	I	Amb	13 31 22.6
Q20K	Shuyak Island baz=118	71.29 332	P	P	13 00 47.5 +1.2
K24K	Donnelly Dome baz=126	71.33 339	P	P	13 00 47.5 +0.8
I26K	Coal Creek Min comp-Z,28nm,1.1s	71.35 341	I	Amb	13 01 02.7

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I26K	comp-Z,21nm,21.0s Coal Creek Min baz=129,SNR=13	71.35 341	P	P	13 00 47.2 +0.5
RC01	Rabbit Creek A comp-Z,11nm,18.0s	71.36 335	I	Amb	13 33 48.0
RC01	Rabbit Creek A baz=121	71.36 335	P	P	13 00 47.3 +0.5
WAT6	Susitna Watana baz=124,SNR=25	71.37 337	P	P	13 00 47.6 +0.5
PMR	Palmer comp-Z,34nm,1.4s	71.45 336	I	Amb	13 01 13.1
PMR	Palmer baz=128,SNR=12	71.37 336	P	P	13 00 47.6 +0.7
GHO	Glory Hole Cre comp-Z,93nm,18.0s	71.39 336	I	Amb	13 34 31.7
H27K	Steamboat Moun baz=131,SNR=8.6	71.43 342	P	P	13 00 48.0 +0.7
HOM	Home comp-Z,11nm,22.0s	71.45 334	I	Amb	13 30 25.8
HOM	Home baz=119	71.45 334	P	P	13 00 47.7 +0.3
DHY	Denali Highway comp-Z,34nm,1.6s	71.50 338	I	Amb	13 01 00.2
DHY	Denali Highway baz=124	71.50 338	P	P	13 00 47.6 -0.3
FIS	Fire Island comp-Z,11nm,18.0s	71.58 335	I	Amb	13 33 56.0
CHIR	Chirikof Islan comp-Z,11nm,20.0s	71.63 329	I	Amb	13 31 21.1
CHIR	Chirikof Islan baz=114	71.63 329	P	P	13 00 48.9 +0.4
J25K	Salcha River, comp-Z,24nm,1.3s	71.67 340	I	Amb	13 01 05.0
J25K	Salcha River, baz=129,SNR=11	71.67 340	P	P	13 00 49.6 +0.9
SFJD	Kangerlussuaq comp-Z,11nm,19.0s	71.70 17	I	Amb	13 30 20.3
SFJD	Kangerlussuaq comp-Z,11nm,19.5s,baz=224,slow=36	71.70 17	LR	LR	13 32 55.2
R18K	Karluk baz=116	71.79 331	P	P	13 00 50.5 +1.1
CAPN	Captain Cook N comp-Z,11nm,20.0s	71.79 335	I	Amb	13 31 17.5
CAPN	Captain Cook N baz=120	71.79 335	P	P	13 00 50.3 +0.9
WAT1	Susitna Watana baz=123	71.81 337	P	P	13 00 50.5 +0.9
G27K	Doyon Strip baz=121	71.85 343	P	P	13 00 50.0 +0.3
M22K	Willow baz=121	71.86 336	P	P	13 00 51.1 +1.3
F28M	Old Crow F28M	71.87 344	I	Amb	13 01 06.0 13 00 50.8 +0.9
F28M	comp-Z,21nm,1.1s Old Crow baz=133,SNR=10	71.87 344	P	P	13 00 50.8 +0.9
E29M	Blow River comp-Z,11nm,20.0s	71.88 345	I	Amb	13 01 13.3
E29M	Blow River baz=135	71.88 345	P	P	13 00 50.7 +0.8
SUA	Susitna One comp-Z,19nm,0.9s	71.97 336	I	Amb	13 00 58.8
SUA	comp-Z,11nm,19.0s Susitna One baz=120,SNR=11	71.97 336	P	P	13 00 51.5 +0.8
Q19K	Cape Douglas, comp-Z,11nm,20.0s	72.01 332	I	Amb	13 32 05.8
Q19K	Cape Douglas, baz=117	72.01 332	P	P	13 00 52.1 +1.2
A36M	Sachs Harbour comp-Z,11nm,20.0s	72.05 351	I	Amb	13 32 22.6
A36M	Sachs Harbour baz=149	72.05 351	P	P	13 00 51.0 +0.2
O20K	Slope Mountain comp-Z,28nm,1.2s	72.09 334	I	Amb	13 00 52.1 +0.7
HDA	Harding Lake comp-Z,28nm,1.2s	72.11 339	I	Amb	13 00 55.6 13 33 20.3
HDA	Harding Lake baz=125,SNR=15	72.11 339	P	P	13 00 51.5 +0.2
P19K	Oil Pt comp-Z,93nm,18.0s	72.16 333	I	Amb	13 33 20.5
P19K	Oil Pt baz=117	72.16 333	P	P	13 00 51.9 +0.2
CUT	Chulitna baz=121	72.26 337	P	P	13 00 52.8 +0.6
PRP	Porcupine Dome comp-Z,37nm,1.3s	72.27 340	I	Amb	13 01 08.3
PRP	comp-Z,21nm,21.0s Porcupine Dome baz=126	72.27 340	P	P	13 00 52.6 +0.2
ILSW	Iliamna Southw ILSW	72.27 334	I	Amb	13 00 54.1 +1.6 13 01 08.0
IL31	comp-Z,22nm,1.2s	72.29 339	I	Amb	13 00 56.7
ILAR	comp-Z,28nm,1.1s Eielson Array ILAR	72.29 339	P	P	13 00 52.5 +0.1 13 00 51.9 -0.6
ILAR	comp-Z,8.9nm,1.0s,baz=149,slow=5.0,SNR=36		LR	LR	13 33 33.2
ILAR	comp-Z,21nm,18.2s,baz=112,slow=37		eP	P	13 00 52.3 -0.1
ILAR	comp-Z,10.0nm,1.0s		pmax	pmax	
RES	Resolute Bay comp-Z,21nm,18.1s,baz=182,slow=37	72.31 0	LR	LR	13 34 05.1
SPU	Mount Spurr SPU	72.37 335	P	I	13 00 53.0 0.0 13 00 57.6
N20K	comp-Z,25nm,1.2s Mount Spurr baz=119	72.45 335	P	P	13 00 54.0 +0.5
SPCR	Spurr Chakacha MCK	72.45 335	P	P	13 00 54.0 +0.5
E28M	Babbage River E28M	72.46 345	P	P	13 00 53.8 +0.5 13 01 16.4
E28M	comp-Z,23nm,1.1s Babbage River baz=133	72.46 345	P	P	13 00 53.9 +0.5
ACHA	Angle Creek He comp-Z,11nm,20.0s	72.49 331	I	Amb	13 31 41.5
Q16K	Katmai Hardscr baz=116	72.53 332	P	P	13 00 54.2 +0.2
CCB	Clear Creek Bu comp-Z,21nm,19.0s	72.55 339	I	Amb	13 33 55.0
SKT	Skwentna comp-Z,21nm,20.0s	72.55 336	I	Amb	13 33 39.6
SKT	Skwentna baz=120,SNR=18	72.55 336	P	P	13 00 54.6 +0.6
G26K	Porcupine River baz=129	72.59 342	P	P	13 00 54.5 +0.4
POKR	Poker Plat Res baz=124	72.68 340	P	P	13 00 55.2 +0.4
COLA	College comp-Z,11nm,18.0s	72.69 339	I	Amb	13 33 35.9
COLA	College baz=124	72.69 339	P	P	13 00 55.1 +0.4
COLA	College comp-Z,23nm,2.0s	72.69 339	iP	pmax	13 00 54.5 -0.2
E27K	Coleen River E27K	72.74 344	P	P	13 00 56.1 +1.1 13 00 55.4 +0.3
PLK4	Peulik 4 comp-Z,11nm,21.0s	72.74 331	P	P	13 00 55.9 +0.5 13 31 37.4
R17M	Mt. Peulik Vol baz=114	72.75 331	P	P	13 00 56.0 +0.8
D28M	Stokes Point baz=134	72.76 345	P	P	13 00 55.7 +0.6
Q17K	Contact Creek baz=115	72.78 331	P	P	13 00 56.1 +0.6
FYU	Fort Yukon FYU	72.80 341	P	P	13 00 56.4 +1.0 13 33 39.5
H25L	Birch Creek baz=126				

H21K	Melozitna Rive baz=119	74.88 339	P	P	13 01 07.7 +0.2
S12K	Black Hills comp=Z,929nm,20.0s	74.97 328	IAMS_20	IAMS_20	13 30 06.7
S12K	Black Hills baz=108	74.97 328	P	P	13 01 08.5 +0.2
N16K	Nishlik Lake baz=112	75.02 333	P	P	13 01 09.2 +0.6
O15K	Ungalikthiuk R baz=111	75.03 341	P	P	13 01 09.1 +0.5
E23K	Chandalar comp=Z,2um,21.0s	75.06 342	IAMS_20	IAMS_20	13 34 26.0
E23K	Chandalar baz=123,SNR=22	75.06 342	P	P	13 01 09.0 +0.3
G22K	Bettles baz=121	75.06 340	P	P	13 01 09.2 +0.6
I20K	Naaghedeneel comp=Z,25nm,1.0s	75.08 338	IAMB	IAMB	13 01 09.1 +0.4
I20K	Naaghedeneel	75.08 338	P	P	13 01 09.2 +0.5
I20K	Naaghedeneel comp=Z,2um,20.0s	75.08 338	P	P	13 01 09.2 +0.5
J19K	Poorman baz=119	75.15 337	P	P	13 01 09.6 +0.4
J19K	Poorman baz=116,SNR=9.8	75.15 337	P	P	13 01 09.1 -0.1
M16K	Timber Creek comp=Z,30nm,1.4s	75.32 333	IAMB	IAMB	13 01 11.0 +0.8
M16K	Timber Creek	75.32 333	P	P	13 01 11.7 +1.0
M16K	Timber Creek comp=Z,1um,19.0s	75.32 333	P	P	13 01 10.7 +0.5
J18K	Innoko River baz=112	75.36 336	P	P	13 01 10.7 +0.3
J18K	Innoko River baz=115	75.36 336	P	P	13 01 11.1 +0.7
TOLK	Toolik Lake Re comp=Z,38nm,1.4s	75.36 342	IAMB	IAMB	13 01 25.9
TOLK	Toolik Lake Re baz=123	75.36 342	P	P	13 01 11.0 +0.6
IMAR	Indian Moutai Happy Valley baz=124	75.37 339	P	P	13 01 10.4 0.0
D24K	Happy Valley baz=124	75.43 343	P	P	13 01 11.7 +1.0
FALS	False Pass baz=107	75.45 326	P	P	13 01 11.0 -0.1
L17K	Donlin baz=113	75.47 334	P	P	13 01 12.0 +1.0
N15K	Kwethluk River comp=Z,1um,20.0s	75.52 332	IAMS_20	IAMS_20	13 33 35.4
N15K	Kwethluk River baz=111	75.52 332	P	P	13 01 12.0 +0.6
G21K	Allakaket comp=Z,2um,18.0s	75.55 339	IAMS_20	IAMS_20	13 35 25.2
G21K	Allakaket	75.55 339	P	P	13 01 12.1 +0.6
H20K	Anotleneega Mo baz=117,SNR=8.2	75.55 338	P	P	13 01 12.5 +1.0
F22K	John River baz=120,SNR=13	75.59 341	P	P	13 01 12.8 +1.1
TULEG	Thule comp=Z,2um,20.0s	75.67 6	IAMS_20	IAMS_20	13 34 51.8
K17K	Iditarod comp=Z,32nm,1.2s	75.70 335	IAMB	IAMB	13 01 24.4
K17K	Iditarod	75.70 335	P	P	13 05 28.0
K17K	Iditarod comp=Z,1um,21.0s	75.70 335	P	P	13 01 13.1 +0.7
C24K	Franklin Bluff baz=124	75.71 343	P	P	13 01 12.9 +0.7
O14K	Tiguykaiuvet M comp=Z,1um,20.0s	75.75 331	IAMS_20	IAMS_20	13 33 12.7
O14K	Tiguykaiuvet M baz=119	75.75 331	P	P	13 01 13.7 +1.0
E22K	Anaktuvuk Pass comp=Z,38nm,1.6s	75.80 341	IAMB	IAMB	13 01 24.4
E22K	Anaktuvuk Pass	75.80 341	P	P	13 01 13.5 +0.6
L16K	Owhat River comp=Z,25nm,0.9s	75.81 334	IAMB	IAMB	13 01 21.6
L16K	Owhat River	75.81 334	P	P	13 06 21.1
L16K	Owhat River comp=Z,1um,20.0s	75.81 334	P	P	13 01 14.0 +1.0
D23K	Namusuk River baz=122,SNR=10.0	75.88 342	P	P	13 01 14.5 +1.2
F21K	Alatna River baz=119,SNR=19	75.89 340	P	P	13 01 14.4 +1.0
GCSA	Galena City Sc baz=115	75.97 337	P	P	13 01 14.6 +0.7
M15K	Kasigulik River baz=111	75.98 333	P	P	13 01 14.6 +0.6
H19K	Roundabout Mou H19K	75.98 333	P	P	13 01 15.3 +0.5
H19K	Roundabout Mou comp=Z,16nm,1.1s	75.98 333	IAMB	IAMB	13 01 30.8
H19K	Roundabout Mou	75.98 333	P	P	13 05 33.5
H19K	Roundabout Mou comp=Z,1um,18.0s	75.98 333	P	P	13 01 15.8 +0.9
N14K	Kuskokwak Cree baz=110	76.18 332	P	P	13 01 15.6 +0.5
J17K	VABM Dome J17K	76.30 336	P	P	13 01 16.9 +1.1
J17K	VABM Dome comp=Z,21nm,1.1s	76.30 336	IAMB	IAMB	13 01 32.1
J17K	VABM Dome	76.30 336	P	P	13 01 16.3 +0.6
C23K	Ikilik River baz=123,SNR=9.6	76.33 343	P	P	13 01 17.0 +1.2
D22K	Aiyikyak River baz=115	76.45 342	P	P	13 01 17.1 +0.5
D22K	Aiyikyak River	76.45 342	IAMB	IAMB	13 01 29.3
D22K	Aiyikyak River comp=Z,29nm,1.0s	76.45 342	P	P	13 01 17.3 +0.7
F20K	Avaraart Lake baz=117,SNR=29	76.58 340	P	P	13 01 18.2 +1.0
M14K	Bethel comp=Z,1um,22.0s	76.59 332	IAMS_20	IAMS_20	13 33 51.8
M14K	Bethel	76.59 332	P	P	13 01 18.4 +1.0
E21K	Killik River comp=Z,24nm,1.1s	76.64 341	IAMB	IAMB	13 01 25.8
E21K	Killik River	76.64 341	P	P	13 05 16.1
E21K	Killik River comp=Z,2um,22.0s	76.64 341	P	P	13 01 18.1 +0.4
G19K	Purcell Mounta baz=119,SNR=24	76.66 338	P	P	13 01 18.8 +1.0
G19K	Purcell Mounta	76.66 338	IAMB	IAMB	13 01 22.7
G19K	Purcell Mounta comp=Z,28nm,1.3s	76.66 338	IAMS_20	IAMS_20	13 36 13.8
G19K	Purcell Mounta	76.66 338	P	P	13 01 18.3 +0.6
L15K	Ungalak Mounta baz=110,SNR=9.3	76.69 333	P	P	13 01 19.1 +1.1
H18K	Honhosa River comp=Z,27nm,1.1s	76.72 337	IAMB	IAMB	13 01 35.7
H18K	Honhosa River	76.72 337	P	P	13 07 53.6
H18K	Honhosa River comp=Z,1um,18.0s	76.72 337	P	P	13 01 18.9 +0.8
J16K	Anvik River comp=Z,36nm,1.3s	76.89 335	IAMB	IAMB	13 01 20.1 +0.9
J16K	Anvik River	76.89 335	P	P	13 01 24.9
J16K	Anvik River comp=Z,2um,21.0s	76.89 335	P	P	13 01 20.0 +0.8
UNV	Unalaska Valle baz=104	76.92 325	P	P	13 01 20.4 +1.0
K15K	Wolf Creek Mou comp=Z,27nm,1.1s	76.93 334	IAMB	IAMB	13 01 28.4
K15K	Wolf Creek Mou	76.93 334	P	P	13 01 20.2 +0.8
L14K	Kuka Creek comp=Z,1um,19.0s	77.12 333	IAMS_20	IAMS_20	13 36 02.7
L14K	Kuka Creek	77.12 333	P	P	13 01 21.4 +1.0
M13K	Dall Lake comp=Z,1um,21.0s	77.12 332	IAMS_20	IAMS_20	13 34 47.0
M13K	Dall Lake	77.12 332	P	P	13 01 21.6 +1.1
G18K	Tagagawik comp=Z,20nm,1.2s	77.14 338	IAMB	IAMB	13 01 37.2
G18K	Tagagawik	77.14 338	P	P	13 06 31.4
G18K	Tagagawik comp=Z,2um,18.0s	77.14 338	P	P	13 01 21.6 +1.1
I17K	Unalakleet	77.15 336	P	P	13 01 21.5 +1.0

F19K	Shalerucik Mo F19K	77.20 339	P	P	13 01 21.6 +0.8
F19K	Shalerucik Mo comp=Z,32nm,1.6s	77.20 339	IAMB	IAMB	13 01 25.8
F19K	Shalerucik Mo comp=Z,2um,18.0s	77.20 339	P	P	13 06 59.1
F19K	Shalerucik Mo baz=115	77.20 339	P	P	13 01 21.8 +1.0
H17K	Granite Mounta H17K	77.24 337	P	P	13 01 21.2 +0.1
H17K	Granite Mounta comp=Z,2um,18.0s	77.24 337	IAMS_20	IAMS_20	13 36 55.3
H17K	Granite Mounta baz=112	77.24 337	P	P	13 01 21.5 +0.5
C21K	Kniblade Rid baz=118,SNR=11	77.25 342	P	P	13 01 21.9 +0.9
E19K	Redstone River E19K	77.28 340	P	P	13 01 21.8 +0.5
E19K	Redstone River comp=Z,19nm,1.0s	77.28 340	IAMB	IAMB	13 01 37.8
E19K	Redstone River baz=116	77.28 340	P	P	13 01 21.7 +0.5
E20K	Nigu River baz=117,SNR=9.9	77.28 341	P	P	13 01 21.9 +0.5
B22K	Teshchepuk Lake baz=102	77.42 343	P	P	13 01 22.6 +0.7
B21K	Ikpikpuk River baz=118,SNR=12	77.42 342	P	P	13 01 22.7 +0.8
D20K	Etlvuk River comp=Z,1um,18.0s	77.63 341	P	P	13 01 23.5 +0.3
G17K	Kiwalik Mounta baz=112	77.74 337	P	P	13 01 25.0 +1.2
F18K	Selawik baz=113	77.79 338	P	P	13 01 24.9 +0.9
EUNU	Eureka J14K	77.84 2	P	P	13 01 24.7 +0.4
J14K	Nanvaranak Lak J14K	77.97 334	P	P	13 01 26.7 +1.5
J14K	Nanvaranak Lak baz=109	77.97 334	P	P	13 01 25.6 +0.5
D19K	Kuna River D19K	78.03 340	P	P	13 01 25.5 +1.0
D19K	Kuna River comp=Z,38nm,1.4s	78.03 340	IAMB	IAMB	13 01 38.5
D19K	Kuna River	78.03 340	P	P	13 35 39.7
D19K	Kuna River comp=Z,2um,21.0s	78.03 340	P	P	13 01 25.9 +0.4
D19K	Kuna River baz=115	78.03 340	P	P	13 01 25.9 +0.3
H16K	Elim baz=110	78.05 336	P	P	13 01 25.9 +0.3
NIKH	Nikolski High baz=102	78.08 324	P	P	13 01 26.3 +0.3
A22K	Sinclair Lake baz=118	78.19 343	P	P	13 01 26.8 +0.6
K13K	Kusilvak Mount K13K	78.20 333	IAMS_20	IAMS_20	13 37 45.3
K13K	Kusilvak Mount baz=108	78.20 333	P	P	13 01 27.6 +1.2
F17K	Baldwin Pennin baz=112	78.32 338	P	P	13 01 28.0 +1.0
G16K	Koyuk River comp=Z,956nm,18.0s	78.36 337	IAMS_20	IAMS_20	13 37 39.1
G16K	Koyuk River baz=110	78.36 337	P	P	13 01 28.2 +0.9
B20K	Meades River comp=Z,2um,19.0s	78.38 342	P	P	13 01 28.5 +1.2
SUMG	Summit SUMG	78.41 15	P	P	13 01 28.6 +0.7
SUMG	Summit	78.41 15	Pmax	Pmax	13 01 28.6 +0.7
E18K	Tukpahleark C comp=Z,66nm,1.6s	78.45 339	IAMB	IAMB	13 01 36.1
E18K	Tukpahleark C baz=119,SNR=0.9s	78.45 339	P	P	13 01 36.1
E18K	Tukpahleark C comp=Z,2um,19.0s	78.45 339	IAMS_20	IAMS_20	13 37 09.2
M11K	Mekoryuk comp=Z,122,SNR=16	78.47 331	IAMS_20	IAMS_20	13 34 15.6
M11K	Mekoryuk	78.47 331	P	P	13 01 28.6 +0.8
M11K	Mekoryuk comp=Z,2um,22.0s	78.47 331	P	P	13 01 27.9 0.0
E17K	Hoatham Inlet baz=111,SNR=12	78.77 339	P	P	13 01 30.5 +1.0
C19K	Lookout Ridge C19K	78.77 341	P	P	13 01 31.2 +1.6
C19K	Lookout Ridge baz=114,SNR=17	78.77 341	P	P	13 01 30.6 +1.0
G15K	Niuluk baz=109	78.90 336	P	P	13 01 31.5 +1.3
BBTS	Babatse comp=Z,723nm,19.5s	79.13 340	LR	LR	13 34 10.4
C18K	Utukok River C18K	79.13 340	P	P	13 01 32.3 +0.8
C18K	Utukok River comp=Z,2um,22.0s	79.13 340	IAMS_20	IAMS_20	13 36 25.9
C18K	Utukok River baz=112	79.13 340	P	P	13 01 32.1 +0.6
P08K	Saint George I baz=102	79.25 327	P	P	13 01 33.2 +0.9
ANM	Nome Arco baz=107	79.31 336	P	P	13 01 33.1 +0.5
F15K	North Star Dit comp=Z,17nm,0.9s	79.37 337	IAMB	IAMB	13 01 42.0
F15K	North Star Dit	79.37 337	P	P	13 01 42.0
F15K	North Star Dit comp=Z,1um,18.0s	79.37 337	IAMS_20	IAMS_20	13 37 30.7
F15K	North Star Dit	79.37 337	P	P	13 01 33.5 +0.6
D17K	Noatak River comp=Z,0.5SNR=12	79.44 339	P	P	13 01 34.3 +1.1
RDOG	Red Dog Mine comp=Z,2um,20.0s	79.50 339	IAMS_20	IAMS_20	13 38 03.9
RDOG	Red Dog Mine baz=110	79.50 339	P	P	13 01 34.5 +1.0
B18K	Kokolik River baz=112,SNR=13	79.60 341	P	P	13 01 35.0 +1.0
A19K	Wainwright baz=112	79.68 342	P	P	13 01 35.4 +1.0
SPIA	Saint Paul Isl baz=102	79.74 328	P	P	13 01 35.8 +0.8
C17K	DeLong Mountai baz=110	79.75 340	P	P	13 01 35.7 +0.8
F14K	Arctic Creek baz=107	79.97 336	P	P	13 01 36.7 +0.6
C16K	Lisburne Hills comp=Z,33nm,0.9s	80.44 339	IAMB	IAMB	13 01

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MLJ, ECR, HDU, etc.

JMA 21 14:10:19.5±0.3, 32.6N±0.9, 14°2'E±1.1, h68km, MV3.6/19, FAR E OFF IZU ISLANDS, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ASAR, WRA, GSPA, etc.

SOME 21 14:38:03.0, 40°9'3N-83°32'E, h0km NNC 21 14:38:06.1±1.9, 40°9'5N-83°17'E, h0km, mb3.8, mpv3.4

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

DJA 21 14:43:28.2±0.3, 8°S-5°1'16"E, h10km, M3.7/7, mb3.9/1, MLV3.6/7, Sumbawa region

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

WEL 21 14:46:55.9±0.3, 39°S-3°17'7"E, h30km, M3.6/16, ML3.9/20, MLV3.6/16, Error ellipse: s-maj=0.0km

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

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

ISK 21 15:12:18.0, 36°44N-28°73'E, h5km, ML2.5/13 AFAD 21 15:12:19.0±0.0, 36°41N-28°70'E, h7km, 3km, ML2.4

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

21d 15h

Table with columns: Station Name, Azimuth, Phase, Time, Residual. Includes stations like AYDB, BASM, SMG, KULA, CHOS.

CATAC 21 15:15:47.4, 0.12, 80N, 88.63W, h31km, 7km, ML3.5
SINET 21 15:15:47.2, 1.0, 12.79N, 88.65W, h29km, ML3.6
ISC 21 15:15:47.1, 1.8, 12.76N, 0.088, 88.65W, 0.04, h30km, 12km, n26, o928/44, Off coast of central America

Main station list table with columns: Code, Station Name, Azimuth, Phase, Time, Residual. Includes stations like INTP, LCY, PACA, TECO, BLLM, UESV, COEG, CNCH, LFRS, PAVA, CAHU, JAYA, NUBE, PKGN, MTO3.

JMA 21 15:21:21.9, 0.1, 24.1N, 1.1, 122.5E, 0.5, h47km, 3km,
MW3.7/17, NW OFF ISHIGAKIJIMA IS
NEIC 21 15:21:21.5, 2.5, 24.04N, 0.06, 122.54E, 0.1, h44km, 8km,
mb4.4/13, Error ellipse: s-maj=9.0km s-min=4.0km az=169.0
NIED 21 15:21:21.9, 0.24, 06N, 122.49E, h47km, MW3.9, Moment Tensor Solution.
ASIES 21 15:21:22.6, 24.14N, 122.47E, h40km, ML4.3, Mw3.8,
Moment Tensor Solution.
TAP 21 15:21:22.6, 24.14N, 122.47E, h40km, ML4.3, C
IDC 21 15:21:27.5, 6.6, 24.35N, 122.43E, h86km, 82km, mb3.5/10,
mbmp3.8/11, ML3.5, 1, MS2.9/3, Error ellipse:
ISC 21 15:21:22.1, 0.7, 24.109N, 0.02, 122.50E, 0.02, h45km, 5km,
n213, o1340/348, mb4.0/16, 1C-14D, Taiwan region

Continuation of station list table with columns: Code, Station Name, Azimuth, Phase, Time, Residual. Includes stations like EOS4, EOS3, EOH2, JYNG, YOJ, EHAH, EAHA, EWUT, ENA, ESOA.

2018 SEP

Main station list table with columns: Station Name, Azimuth, Phase, Time, Residual. Includes stations like ESAO, TWC, ETL, ETL, TWD, HWA, NACB, TEYL, NDS, SHUL, EGS, ETM, ETM, ETNH, TEGC, TEGC, ILA, ILA, NTC, TWE, TWE, LATG, LATG, ENTT, ENTT, ESL, TWS1, TWS1, TWS1, FUSB, FUSB, EGFH, EGFH, TIPB, TIPB, NNSB, NNSB, NNS, NNS, WARBT, WARBT, WHF, WHF, NWLT, NWLT, SX11, SX11, HGSJ, HGSJ, IRIF, IRIF, FUSS, FUSS, NWF, NWF, WFSB, WFSB, YHNB, YHNB, NSK, NSK, HATJ, HATJ, EHYH, EHYH, TWA, TWA, OWD, OWD, TWT, TWT, THY, THY, EHY, EHY.

1426

Main station list table with columns: Station Name, Azimuth, Phase, Time, Residual. Includes stations like EECBN, EECBN, TDCB, TDCB, NHDH, NHDH, TNOU, TNOU, TNOU, WUSB, WUSB, WUSB, NHY, NHY, NHY, TATO, TATO, TATO, YULB, YULB, YULB, TAP, TAP, EYUL, EYUL, EYUL, TWF1, TWF1, TWF1, YMO1, YMO1, YMO1, CHKH, CHKH, CHKH, NFF, NFF, NFF, YMO8, YMO8, YMO8, JKRS, JKRS, JKRS, TWS1, TWS1, TWS1, ANP, ANP, ANP, FULB, FULB, FULB, WHP, WHP, WHP, NTST, NTST, NTST, CHKT, CHKT, CHKT, CHKT, DPDB, DPDB, DPDB, SSLB, SSLB, SSLB, SSLB, WCS, WCS, WCS, WCS, LIOB, LIOB, LIOB, NSTT, NSTT, NSTT, NCU, NCU, NCU, NCU, EHD, EHD, EHD, TYC, TYC, TYC, JIU, JIU, ECS, ECS, ECS, SBCB, SBCB, SBCB, WHYT, WHYT, WHYT, HSN, HSN, HSN, EDH, EDH, EDH, PCYT, PCYT, PCYT, TQW1, TQW1, TQW1, NSY, NSY, NSY, NMLH, NMLH, NMLH, ELDTW, ELDTW, ELDTW, WJS, WJS, WJS, ALS, ALS, ALS, WNT, WNT, WNT.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like LUDU, WDJ, LONT, JISG, CHNS, GWK, TWGBT, TTN, TTN, TWG, TWG, TWG, STYH, STYH, WDLH, WCKO, WCKO, TPUB, TPUB, TPUB, CHN4, WTP, CHN2, WRL, RLNB, WTK, WTK, WTK, CHYI, CHYI, HWY, CHN1, NANSI, NANSI, SLGT, SLGT, SGST, SGST, SNST, SNST, WTCT, WTCT, ECL, ECL, JTJ, JTJ, WSL, WSL, ICHU, ICHU, SSD, SSD, SCST, SCST, LAY, LAY, CHN8, CHN8, SSHA, SSHA, LYUB, LYUB, TAW, TAW, EAST, EAST, TWM1, TWM1, TAWH, TAWH, SCLT, SCLT, SNJT, SNJT, TSCK, TSCK, TSCZ, TSCZ, SCZT, SCZT, SLIU, SLIU, WSSB, WSSB, JIRB, JIRB, SMST, SMST, HEN, HEN, JIKM, JIKM, TWKB, TWKB, TWK1, TWK1, TWK1, TWK1, JMJ, JMJ, JMJ.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like JMJ, JMJ2, WDJT, WDJT, JOGS, JOGS, PHUB, PHUB, PNG, PNG, PVUC, PVUC, MATB, MATB, PTMZ, PTMZ, XPSS, XPSS, KNM, KNM, MHZO, MHZO, KNMB, KNMB, ZPLA, ZPLA, SXFK, SXFK, JOW, JOW, JVDOS, JVDOS, JMW, JMW, KSAR, KSAR, KSRS, KSRS, JCJ, JCJ, TOLIZ, TOLIZ, SONM, SONM, SONM, SONM, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, PETK, PETK, ZALV, ZALV, KURBB, KURBB, WRA, WRA, WRA, WRA, KKAR, KKAR, BVAR, BVAR, ASAR, ASAR, ABKAR, ABKAR, E19K, E19K, E21K, E21K, J20K, J20K, D22K, D22K, H21K, H21K, E22K, E22K, FINES, FINES, AKASG, AKASG, BRTR, BRTR, JMA, JMA, ONAJ, ONAJ, JFK, JFK, JFFD, JFFD, JHO, JHO, JOTO, JOTO, JMM, JMM, JMM, JMM, JFY, JFY, JAG, JAG, DJA, DJA, NEIC, NEIC, IDC, IDC, ISC, ISC, GAM1, GAM1, GAM1, GAM1.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like TNTI, TNTI, SWI, SWI, KMSI, KMSI, SANI, SANI, NLAJ, NLAJ, GTOI, GTOI, FAKI, FAKI, LUWI, LUWI, MRSI, MRSI, APSI, APSI, TOLIZ, TOLIZ, FITZ, FITZ, WRA, WRA, WRA, WRA, WB2, WB2, WRO, WRO, AS31, AS31, ASAR, ASAR, ASAR, ASAR, ASAR, ASAR, JCJ, JCJ, CTAO, CTAO, FORT, FORT, CMAR, CMAR, HNR, HNR, JSG, JSG, BBOO, BBOO, STKA, STKA, STKA, STKA, USA0B, USA0B, USRK, USRK, KLR, KLR, BVAR, BVAR, GSPA, GSPA, GSPS, GSPS, GCMT, GCMT, IDC, IDC, ISC, ISC, Code, Code, RAO, RAO, RAO, RAO, RAO, RAO, MSVF, MSVF, URZ, URZ, URZ, URZ, PINN, PINN, DZM, DZM, DZM, DZM, DZM, DZM, RAR, RAR, OXZ, OXZ, TBI, TBI, TBI, TBI, PAE, PAE, PPT2, PPT2, PPT2, PPT2, PPT2, PPT2, TAOE, TAOE, TAOE, TAOE.

21d 17h

Table with columns for station ID, name, coordinates, and various performance metrics (e.g., 17 22 43.4, 17 22 09.2 -4.5).

2018 SEP

Table with columns for station ID, name, coordinates, and various performance metrics (e.g., P19K Oil Pt, 39.51 44 P P).

1430

Table with columns for station ID, name, coordinates, and various performance metrics (e.g., H27K Steamboat Moun, 44.35 33 P P).

21d 18h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Taipei, National Taiwan, Zhushan, Taoyuan, etc.

2018 SEP

Table with columns: Station Name, Time, Res, and various codes. Includes stations like WRL, SCST, PCYT, MASBT, etc.

1432

Table with columns: Station Name, Time, Res, and various codes. Includes stations like GTOI, KRAI, NLA, MRSI, etc.

21d 19h

2018 SEP

1434

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

IDC 21 19:39:50.2, 8.0, 28.10N, 86.09E, h0km, mb3.2/3, mbtmp3.1/4, ML2.7/1, Error ellipse: s-maj=448.4km s-min=26.9km az=66.0, Xizang

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

TAP 21 19:50:07.8, 23.96N, 122.67E, h32km, ML3.0, C JMA 21 19:50:08.0, 0.1, 24.0N, 0.9, 122.6E, 0.6, h34km, MV2.2/14, NW OFF ISHIGAKI/JIMA IS

ISC 21 19:50:06.5, 1.3, 23.87N, 0.0, 122.65E, 0.0, 2, h21km, 4km, n120, 0.691/231, Taiwan region

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including E0S4, E0S3, JYNG, E0S2, YOJ, E0S1, HWA, TEYL, EWUT, ETL, TWD, ENA, SHUL, NACB, ESAO, TWC, ETM, HATJ, IRIF, ESL, ETLH, EGFH, NDS, EGS, WARBT, HGSB, LATG, TWE, ECBN, ENTT, EHYH, EHYH.

Main table with columns: NDT, Datong Townshi, EHY, NNSB, NNS, WNF, WHF, JKRS, JKRS, FUSB, FUSB, TIPB, TIPB, EYUL, EYUL, YULB, YULB, YULB, CHKH, CHKH, FUSF, FUSF, TWF1, TWF1, OWD, OWD, NWLT, NWLT, SX11, SX11, WUSB, WUSB, YHNB, YHNB, YHNB, CHKT, CHKT, FULB, FULB, NSK, NSK, JIJ, JIJ, TWA, TWA, NHDH, NHDH, EHD, EHD, ECS, ECS, TATO, TATO, EDH, EDH, EDH, EDH, SSSL, SSSL, SSSL, SSSL, DPDB, DPDB, NFF, NFF, NFF, NFF, WCS, WCS, WMS, WMS, YM01, YM01, YM01, YM01, WHP, WHP, LDUT, LDUT, LDUT, LDUT, YM08, YM08, YM08, YM08, TYC, TYC, TYC, TYC, ELDTW, ELDTW, WHYT, WHYT, ANP, ANP, ANP, ANP, JISG, JISG, LIOB, LIOB, LIOB, LIOB, NSTT, NSTT, NSTT, NSTT, ANP, ANP, LONT, LONT.

Main table with columns: ALS, Alishan, ALS, TWQ1, TWQ1, TWG, TWG, WNT, WNT, PCYT, PCYT, CHN5, CHN5, STYH, STYH, STYH, STYH, WGT, WGT, WGT, WGT, WCHH, WCHH, WCHH, WCHH, WCKO, WCKO, WCKO, WCKO, TPUB, TPUB, TPUB, TPUB, WDLH, WDLH, WDLH, WDLH, WTP, WTP, WTP, WTP, ECL, ECL, ECL, ECL, SLGT, SLGT, SLGT, SLGT, SGST, SGST, SGST, SGST, CHN1, CHN1, CHN1, CHN1, TWK, TWK, TWK, TWK, SNST, SNST, SNST, SNST, WTK, WTK, WTK, WTK, LAY, LAY, LAY, LAY, LYUB, LYUB, LYUB, LYUB, TSMG, TSMG, TSMG, TSMG, SCST, SCST, SCST, SCST, EAST, EAST, EAST, EAST, TAWH, TAWH, TAWH, TAWH, ICHU, ICHU, ICHU, ICHU, WSF, WSF, WSF, WSF, MASBT, MASBT, MASBT, MASBT, SLIU, SLIU, SLIU, SLIU, SCZT, SCZT, SCZT, SCZT, TSCK, TSCK, TSCK, TSCK, WDGJ, WDGJ, WDGJ, WDGJ, PHUB, PHUB, PHUB, PHUB, PNG, PNG, PNG, PNG, VWUC, VWUC, VWUC, VWUC, PTMZ, PTMZ, PTMZ, PTMZ.

IDC 21 19:50:21.3, 1.2, 14.46S, 166.62E, h0km, mb3.7/5, mbtmp3.7/6, ML3.5/1, Error ellipse: s-maj=40.4km s-min=26.0km az=100.0

ISC 21 19:50:25.7, 1.1, 14.55S, 0.1, 166.6E, 0.3, h28km, n7, 0.054/8, mb3.5/5, Vanuatu Islands

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

1435

WRA	Warramunga Arr	31.27 255	P	P	19 56 43.2	-0.2
ASAR	Alice Springs	32.17 249	P	P	19 56 51.1	-0.2
QSPA	South Pole Qui	75.54 180	P	P	20 02 07.8	+0.3
SONM	Songino Array	81.92 324	P	P	20 02 43.3	+0.5
ILAR	Eielson Arr	86.49 18	P	P	20 03 05.1	-0.4
ARCES	ARCES Array B	119.85 345	PKP	PKIKP	20 09 13.2	+0.4

NEIC 21 20:15:27.4,2.2,19.3S:0.2:175.8E:0.2:h10km,1km, mb4.4/11, Error ellipse: s-maj=2.75km s-min=15.1km az=322.0

IDC 21 20:15:28.9,0.8,19.40S:175.83E,h0km,mb3.9/8, mbmp3.9/9,ML4.7/1,MS3.3/8, Error ellipse: s-maj=36.9km s-min=20.7km az=146.0

ISC 21 20:15:33.0,0.6,19.55S:0.1:176.0E:1.1,h35km,n33, r=172/27,mb4.2/15,MS3.4/6,SC, South of Fiji Islands region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
MSVF	Nonsavu	2.65 49	Op	P	20 16 13.0	-2.0
MSVF	Nonsavu	2.65 49	Sn	P	20 16 41.9	-2.4
MSVF	Nonsavu	2.65 49	Pn	P	20 16 11.7	-1.6
MSVF	Nonsavu	2.65 49	Op	P	20 16 42.7	-1.6
MSVF	Nonsavu	2.65 49	Op	P	20 17 18.3	
RAO	Raoul Island	11.19 151	LR	LR	20 21 44.7	
HNR	Honiara	18.44 301	LR	LR	20 25 05.6	
RTZ	Ruatahuna	19.07 178	IAMB	IAMB	20 19 51.7	-0.7
RTZ	Ruatahuna	19.07 178	IAMB	IAMB	20 20 21.8	
BKZ	Black Stump Fm	19.60 179	P	P	20 19 56.7	-1.6
MRZ	Mangatainoka R	21.09 181	IAMB	IAMB	20 20 13.3	-1.1
MRZ	Mangatainoka R	21.09 181	IAMB	IAMB	20 20 17.6	
LTZ	Lake Taylor	23.42 187	P	P	20 20 38.9	0.0
LTZ	Lake Taylor	23.42 187	IAMB	IAMB	20 20 48.5	
INZ	Inchbonnie	23.46 188	P	P	20 20 38.5	-0.7
BBOO	Buckleboo	37.96 241	IAMB	IAMB	20 22 43.5	-3.9
BBOO	Buckleboo	37.96 241	IAMB	IAMB	20 23 08.0	
WR0	Warramunga Arr	38.92 262	P	P	20 22 49.5	-6.2
WR0	Warramunga Arr	38.92 262	IAMB	IAMB	20 23 32.3	
WB2	Warramunga Arr	39.10 262	P	P	20 22 49.9	-7.3
WB2	Warramunga Arr	39.10 262	IAMB	IAMB	20 23 09.8	
WRA	Warramunga Arr	39.11 262	P	P	20 22 57.6	+0.3
WRA	Warramunga Arr	39.11 262	IAMB	IAMB	20 23 09.8	
WRA	Warramunga Arr	39.11 262	PcP	PcP	20 25 07.3	+0.6
AS31	Alice Springs	46.63 254	P	P	20 22 56.9	-1.3
ASAR	Alice Springs	46.63 254	P	P	20 22 56.6	-1.7
ASAR	Alice Springs	46.63 254	P	P	20 22 58.2	0.0
ASAR	Alice Springs	46.63 254	PcP	PcP	20 25 07.6	+0.6
GUMO	Guam	44.93 315	LR	LR	20 40 25.4	
CASY	Casey	62.47 205	P	P	20 25 51.2	-1.2
CASY	Casey	62.47 205	IAMB	IAMB	20 25 53.8	
JNU	Nakatani	67.76 320	LR	LR	20 49 38.7	
ASAJ	Asahikawa	70.29 335	LR	LR	20 51 17.2	
QSPA	South Pole Qui	70.56 180	P	P	20 26 43.3	-1.0
QSPA	South Pole Qui	70.56 180	P	P	20 26 45.9	+1.6
KSR5	Korea Array	72.48 322	LR	LR	20 53 09.4	
MAW	Mawson	80.52 201	P	P	20 27 43.2	+2.1
MA2	Magadar	81.44 347	LR	LR	20 56 18.2	
NVAR	Mina Array Bea	84.32 46	P	P	20 28 04.5	+2.8
CMAR	Chiang Mai Arr	84.45 292	P	P	20 28 03.6	+1.1
TROLL	Troll, Antarti	88.61 182	IP	P	20 28 22.8	+0.6
ILAR	Eielson Arr	88.72 15	P	P	20 28 22.5	+0.2
SNA4	Sanae	89.06 180	IP	P	20 28 24.3	+0.1
VNA3	Neumayer Olymp	89.41 178	IP	P	20 28 25.7	0.0
SONM	Songino Array	91.34 321	LR	LR	21 04 32.2	
TXAR	Lajitas Array	91.38 59	P	P	20 28 39.2	+3.5
TXAR	Lajitas Array	91.38 59	PcP	PcP	20 28 39.2	+3.5

IDC 21 20:24:31.2,3.7,17.81S:178.36W,h609km,21km,mb3.3/3, mbmp4.3/4, Error ellipse: s-maj=105.4km s-min=44.0km az=140.0

NEIC 21 20:24:33.9,1.1,18.2S:0.3:178.6W:0.2,h606km,14km, mb4.3/16, Error ellipse: s-maj=43.9km s-min=13.1km az=157.0

ISC 21 20:24:32.2,2.9,18.1S:0.4:178.5W:0.4,h605km,16km, n22,r=1906/27,mb4.3/11, Fiji Islands region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
MSVF	Nonsavu	3.29 276	Op	P	20 25 53.6	0.0
CAN	Charters Tower	33.31 261	P	P	20 30 22.0	+0.1
CAN	Canberra	33.49 233	IAMB	IAMB	20 30 23.2	0.0
CAN	Canberra	33.49 233	IAMB	IAMB	20 30 27.1	
TOO	Toolangi	36.95 231	P	P	20 30 51.5	-0.3
COEN	Coen	37.01 271	P	P	20 30 52.6	+0.1
COEN	Coen	37.01 271	IAMB	IAMB	20 31 34.7	
STKA	Stephens Creek	38.43 241	P	P	20 31 04.8	+0.1
STKA	Stephens Creek	38.43 241	P	P	20 31 05.1	+1.2
BBOO	Buckleboo	43.21 241	P	P	20 31 42.0	+0.5
BBOO	Buckleboo	43.21 241	IAMB	IAMB	20 31 42.8	
WR0	Warramunga Arr	44.30 260	P	P	20 31 50.0	-0.2
WB0	Warramunga Arr	44.46 260	PcP	PcP	20 33 25.0	+3.5
WB2	Warramunga Arr	44.46 260	P	P	20 31 51.1	-0.4
WB2	Warramunga Arr	44.46 260	IAMB	IAMB	20 31 52.3	
WB2	Warramunga Arr	44.46 260	PcP	PcP	20 33 20.6	-0.9
WRA	Warramunga Arr	44.49 260	P	P	20 31 51.8	+0.1
WRA	Warramunga Arr	44.49 260	PcP	PcP	20 33 20.3	-1.3
AS31	Alice Springs	46.63 254	P	P	20 31 52.9	+0.2
ASAR	Alice Springs	46.63 254	P	P	20 31 52.0	-0.7
ASAR	Alice Springs	46.63 254	PcP	PcP	20 33 21.1	-1.0
ASAR	Alice Springs	46.63 254	P	P	20 31 53.3	+0.6
ASAR	Alice Springs	46.63 254	PcP	PcP	20 33 20.8	-1.2
ASAR	Alice Springs	46.63 254	PcP	PcP	20 33 21.4	-1.9
MTN	Manton Dam	48.69 269	P	P	20 32 21.4	-1.9

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MTN	comp=Z,17nm,1.4s	IAMB	IAMB	20 32 39.9		
FORT	Forrest	49.82 245	P	P	20 32 30.8	-0.5
FORT	Forrest	49.82 245	IAMB	IAMB	20 33 11.2	
KNRA	Kunururra	50.37 264	P	P	20 32 36.1	+0.7
KNRA	Kunururra	50.37 264	IAMB	IAMB	20 32 45.1	
FITZ	Fitzroy Crossi	52.89 261	P	P	20 32 53.6	0.0
SOEI	Sod	55.97 270	P	P	20 33 12.1	-0.2
MBWA	Marble Bar	57.92 256	IAMB	IAMB	20 33 28.1	-0.2
MBWA	Marble Bar	57.92 256	IAMB	IAMB	20 33 46.5	
MMAI	Mount Meron Arr	146.18 303	PKPbc	PKPpdf	20 43 04.6	+0.5

NEIC 21 20:28:49.9,0.7,17.1S:0.1:175.02W:0.03,h267km,15km, mb4.0/8, Error ellipse: s-maj=17.9km s-min=4.2km az=177.0

IDC 21 20:28:58.8,4.9,17.58S:175.54W,h313km,34km,mb3.3/5, mbmp3.9/6, Error ellipse: s-maj=54.8km s-min=28.1km az=52.0

ISC 21 20:28:56.0,2.2,17.45S:0.3:175.5W:0.2,h300km,n19, r=0598/18,mb3.9/8,Tonga Islands

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
AFI	Afiatalu	4.99 46	Op	Pn	20 29 59.4	-1.4
AFI	Afiatalu	4.99 46	Pn	Pn	20 30 51.8	-2.4
NIUE	Niue	5.50 108	Pn	Pn	20 30 08.6	-1.1
NIUE	Niue	5.50 108	Pn	Pn	20 31 12.0	-1.4
NONSAVU	Nonsavu	6.20 266	Pn	Pn	20 30 25.6	-2.2
NONSAVU	Nonsavu	6.20 266	Pn	Pn	20 30 29.8	+2.0
URZ	Urewera	21.74 196	P	P	20 33 24.0	+0.5
TOO	Toolangi	36.95 232	P	P	20 35 58.3	-1.2
STKA	Stephens Creek	41.52 241	P	P	20 36 13.7	+0.6
STKA	Stephens Creek	41.52 241	P	P	20 36 14.4	+1.3
BBOO	Buckleboo	46.09 241	P	P	20 36 51.5	+0.6
BBOO	Buckleboo	46.09 241	IAMB	IAMB	20 37 01.1	-0.4
WB0	Warramunga Arr	47.45 259	P	P	20 37 29.7	
WB2	Warramunga Arr	47.47 259	P	P	20 37 01.6	-0.1
WB2	Warramunga Arr	47.47 259	IAMB	IAMB	20 37 18.1	
WRA	Warramunga Arr	47.48 259	P	P	20 37 02.1	+0.3
AS31	Alice Springs	47.62 254	P	P	20 37 03.4	+0.6
ASAR	Alice Springs	47.62 254	P	P	20 37 03.0	+0.2
ASAR	Alice Springs	47.62 254	P	P	20 37 03.3	+0.4
ASAR	Alice Springs	47.62 254	PcP	PcP	20 38 27.9	+0.5
FORT	Forrest	52.75 244	P	P	20 37 40.9	0.0
QSPA	South Pole Qui	72.61 180	IAMB	IAMB	20 39 50.5	-0.3
QSPA	South Pole Qui	72.61 180	IAMB	IAMB	20 40 28.1	
QSPA	South Pole Qui	72.61 180	P	P	20 39 51.2	+0.4
MMAI	Mount Meron Arr	148.22 305	PKPbc	PKIKP	20 48 08.3	-0.4

IDC 21 20:39:15.2,6.9,16.27S:176.13W,h396km,36km, mb3.7/3,mbmp4.5/4, Error ellipse: s-maj=139.1km s-min=49.7km az=130.0, Fiji Islands region

NEIC 21 20:41:55.7,1.5,43.48N:0.05:105.23W:0.07,h0km,1km, ML3.3/54, Error ellipse: s-maj=9.7km s-min=7.2km az=133.0

IDC 21 20:41:57.2,4.2,43.42N:105.38W,h0km,mbmp3.2/2, ML2.0/1, Error ellipse: s-maj=46.2km s-min=10.4km az=153.0

ISC 21 20:41:57.2,1.0,43.48N:0.06:105.24W:0.06,h0km,n43, r=096/42, Wyoming

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
RSSD	Black Hills	1.08 53	Op	Pb	20 42 19.3	+0.3
K22A	Casper	1.25 229	P	Pg	20 42 20.6	-0.6
N23A	Red Feather La	2.63 192	IAMB	IAMB	20 42 40.0	-1.2
N23A	Red Feather La	2.63 192	IAMB	IAMB	20 43 22.4	
BRIGB	Briggsdale	2.98 166	Pn	Pn	20 42 42.5	-3.2
BRIGB	Briggsdale	2.98 166	IAMB	IAMB	20 43 44.1	
BRIGB	Briggsdale	2.98 166	IAMB	IAMB	20 44 03.5	
PD31	Pinedale Array	3.24 259	Pn	Pn	20 42 50.0	+0.5
PDAR	Pinedale Array	3.24 259	Pn	Pn	20 42 50.0	+0.5
PDAR	Pinedale Array	3.24 259	Pn	Pn	20 42 51.1	+1.6
PDAR	Pinedale Array	3.24 259	Lg	Lg	20 43 35.4	
LAO	LASA Array	3.28 348	P	P	20 42 50.1	+0.1
RLMT	Red Lodge	3.32 301	Pn	Pn	20 42 50.7	+0.1
OGNE	Ogallala	3.48 136	Pn	Pn	20 42 53.1	+0.4
ISCO	Idaho Springs	3.69 184	Pn	Pn	20 42 58.3	+2.5
YNE	Yellowstone No	3.75 296	IAMB	IAMB	20 42 56.3	-0.2
YNE	Yellowstone No	3.75 296	IAMB	IAMB	20 43 58.3	
LOHW	Long Hollow	3.90 274	Pn	Pn	20 42 59.8	+1.2
FLWY	Flagg Ranch	4.00 281	Pn	Pn	20 43 06.0	+0.7
FLWY						

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHD Suzuyama, JSU Izumi3, JIU3 Takazaki, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMA 21 22:02:55.5-0.0, 32.0N, 0.1x129.9E, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TRN 21 22:19:47.8, 10.84N, 62.27W, h91km, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KMSI Makassar, BKSI Bulukumba, KMSI Cibinong, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like VRAC Vranov, KRUC Moravsky, ARCS Cresnevi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like VRAC Vranov, KRUC Moravsky, ARCS Cresnevi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URZ Urevera, TKGZ Te Karaka, MUZG Tarnag Statio, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Direction, Date, Time, Status, and other parameters. Includes stations like Q16K King Salmon, Q17K Contact Creek, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Direction, Date, Time, Status, and other parameters. Includes stations like GHO Glory Hole Cre, KKN Knik Glacier, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Direction, Date, Time, Status, and other parameters. Includes stations like D22K Ayikyak River, D22K Ayikyak River, etc.

TIXI	Tiksi	31.00 330	LR	LR	03 31 51.2
KLR	Kul'dur	32.12 286	P	P	03 18 16.2 -1.0
KLR	Kul'dur	32.12 286	i P	P	03 18 17.3 0.0
CLRS	Cowichan Lake	34.45 73	P	P	03 18 29.8 +0.9
LLBL	Lillooet	34.05 69	P	I Amb	03 18 35.1 +1.1
H11N2	WAKE ISLAND Hy	34.13 207	T	T	03 55 01.1
H11N3	WAKE ISLAND Hy	34.14 207	T	T	03 54 59.5
H11N1	WAKE ISLAND Hy	34.15 207	T	T	03 54 57.2
USA0B	Ussuriysk Arra	34.29 278	P	I Amb	03 18 36.0 -0.2
USA0B	Ussuriysk Arra	34.29 278	P	P	03 18 37.3
USA0B	Ussuriysk Arra	34.29 278	P	P	03 18 36.0 -0.2
USRK	Ussuriysk Ar.	34.29 278	P	P	03 18 36.2 0.0
USRK	Ussuriysk Ar.	34.29 278	P	P	03 18 35.8 -0.4
USRK	Ussuriysk Ar.	34.29 278	P	P	03 31 59.9
USRK	Ussuriysk Ar.	34.29 278	P	P	03 18 36.2 0.0
YKA	Yellowknife Ar	34.38 47	P	P	03 18 35.9 -0.8
YKA	Yellowknife Ar	34.38 47	P	P	03 21 11.8 +0.5
YKA	Yellowknife Ar	34.38 47	eP	P	03 18 38.5 +1.8
MJAO	Matsu Arr-Jizo	34.80 262	eP	P	03 18 42.9 +2.2
MJAR	Matsushiro Arr	34.82 262	P	P	03 18 41.5 +0.6
MJAR	Matsushiro Arr	34.82 262	P	P	03 31 41.6
MJB9	Matsu-Tunnel	34.82 262	P	P	03 18 40.7 -0.3
H11S1	WAKE ISLAND Hy	35.34 207	T	T	03 56 25.0
H11S2	WAKE ISLAND Hy	35.34 207	T	T	03 56 26.4
H11S3	WAKE ISLAND Hy	35.36 207	T	T	03 56 22.0
LOH	Longmire	35.78 75	P	I Amb	03 18 49.8 +0.7
LOH	Longmire	35.78 75	P	P	03 18 49.8 +0.7
JGF	Kuroka	35.96 262	P	P	03 18 51.6 +0.9
LTY	Liberty	36.33 74	I Amb	I Amb	03 18 54.0 +1.0
BO8A	Colville Reser	36.51 72	P	P	03 18 55.8 +0.5
HAWA	Hanford	37.33 75	P	I Amb	03 19 02.6 +0.4
D08A	Wollman Farm	37.37 73	P	I Amb	03 19 03.1 +0.6
EDM	Edmonton	37.84 62	P	P	03 19 06.3 -0.1
EDM	Edmonton	37.84 62	P	P	03 19 06.3 -0.1
YBH	Yreka Blue Hor	37.84 83	P	LR	03 19 07.5 +0.8
YBH	Yreka Blue Hor	37.84 83	P	LR	03 33 00.5
YBH	Yreka Blue Hor	37.84 83	P	P	03 19 07.5 +0.8
NEW	Newport	37.86 71	P	P	03 19 07.4 +0.7
NEW	Newport	37.86 71	P	P	03 19 07.4 +0.7
NEW	Newport	37.86 71	P	P	03 19 07.4 +0.7
JCJ	Chichijima	39.09 247	LR	LR	03 32 51.4
HATC	Hat Creek Radi	39.14 83	P	I Amb	03 19 18.6 +1.0
RES	Resolute Bay	39.17 25	LR	LR	03 39 03.8
BMO	Blue Mountains	39.46 75	P	P	03 19 21.1 +0.9
BMO	Blue Mountains	39.46 75	P	P	03 19 21.1 +0.9
WVOR	Wild Horse Val	39.96 79	P	P	03 19 26.3 +1.8
MSO	Misouli	40.45 71	P	P	03 19 29.0 +0.6
KSR5	Korea Array	40.66 272	eP	P	03 19 30.7 +0.6
KSR5	Korea Array	40.66 272	eP	P	03 19 43.0 0.0
KSR5	Korea Array	40.66 272	eP	P	03 35 42.5
KSR5	Korea Array	40.66 272	eP	P	03 19 31.7 +1.6
OVMT	Ovando	40.88 70	P	P	03 19 32.2 +0.2
PAHR	Pah Rah Range	41.07 83	P	I Amb	03 19 35.2 +1.5
YERR	Yerington	41.59 84	P	I Amb	03 19 39.3 +1.2
JNU	Nakatsue	41.61 264	LR	LR	03 35 37.5
HRY	Holter Researc	41.75 70	P	P	03 19 39.6 +0.5
HLID	Hailey	41.91 75	P	I Amb	03 19 41.5 +1.0
EGMT	Eagleton	42.27 67	P	I Amb	03 19 43.2 -0.2
BOZ	Bozeman (W)	42.46 71	P	I Amb	03 19 45.7 +0.8
BOZ	Bozeman (W)	42.46 71	P	I Amb	03 19 46.5
BOZ	Bozeman (W)	42.46 71	P	P	03 19 45.7 +0.8
NVAR	Mina Array Bea	42.51 84	P	P	03 19 46.6 +1.1
NVAR	Mina Array Bea	42.51 84	P	P	03 19 58.9 +0.3
NVAR	Mina Array Bea	42.51 84	P	P	03 21 37.8 +0.4
NVAR	Mina Array Bea	42.51 84	P	P	03 21 53.0
NVAR	Mina Array Bea	42.51 84	P	P	03 34 09.9
ELK	Elko	43.02 79	P	P	03 19 50.9 +1.2
ELK	Elko	43.02 79	P	P	03 34 34.4
ELK	Elko	43.02 79	P	P	03 19 50.9 +1.2
HVU	Hansel Valley	43.92 76	P	I Amb	03 19 57.5 +0.8
HVU	Hansel Valley	43.92 76	P	I Amb	03 19 59.5
HVU	Hansel Valley	43.92 76	P	P	03 19 57.5 +0.8
RLMT	Red Lodge	44.11 70	P	P	03 19 59.3 +0.9
R1B	Troy Canyon, C	44.25 82	P	P	03 19 59.4 -0.1

TPNV	Topopah Spring	44.71 84	P	I Amb	03 20 04.5 +1.4
TPNV	Topopah Spring	44.71 84	P	I Amb	03 20 05.4
TPNV	Topopah Spring	44.71 84	P	P	03 20 04.5 +1.4
DUG	Dugway, Tooele	44.83 78	P	P	03 20 05.7 +1.6
PD31	Pinedale Array	45.28 73	P	I Amb	03 20 08.6 +0.9
PDAR	Pinedale Array	45.28 73	P	P	03 20 09.5
PDAR	Pinedale Array	45.28 73	P	P	03 20 08.6 +0.9
PDAR	Pinedale Array	45.28 73	P	P	03 20 07.8 +0.1
PDAR	Pinedale Array	45.28 73	P	P	03 20 19.5 -1.6
PDAR	Pinedale Array	45.28 73	P	P	03 21 47.1 +0.3
PDAR	Pinedale Array	45.28 73	P	P	03 38 41.2
MVU	Marysville	46.23 80	P	LR	03 20 16.2 +1.0
PFO	Pinyon Flats O	46.73 88	LR	LR	03 36 01.5
SOMN	Songino Array	47.49 297	P	P	03 20 25.8 +0.9
SOMN	Songino Array	47.49 297	P	P	03 20 24.6 -0.3
SOMN	Songino Array	47.49 297	P	P	03 21 53.1 -1.2
SOMN	Songino Array	47.49 297	P	P	03 40 53.6
SOMN	Songino Array	47.49 297	P	P	03 20 26.3 +1.5
U15A	North Rim	47.49 82	I Amb	I Amb	03 20 26.6 +1.4
RSSD	Black Hills	47.75 69	P	I Amb	03 20 27.2 +0.2
RSSD	Black Hills	47.75 69	P	P	03 20 27.7
RSSD	Black Hills	47.75 69	P	P	03 20 27.2 +0.2
N23A	Red Feather La	48.56 73	P	P	03 20 32.7 -0.7
HHC	Hu-ho-hao-te	48.63 287	eP	P	03 20 35.6 +1.9
HHC	Hu-ho-hao-te	48.63 287	eP	P	03 20 35.6 +1.9
WUAZ	Wupatki	48.65 82	P	I Amb	03 20 34.5 +0.5
HNS	HongShan	48.88 281	i P	P	03 20 36.8 +1.3
MVCO	Mesa Verde	49.33 79	P	I Amb	03 20 40.4 +1.1
NJ2	Nanjing	49.83 273	eP	P	03 20 41.3 -1.5
S22A	4UR Ranch, Cre	50.00 77	P	P	03 20 44.9 +0.4
SPITS	Spitsbergen Ar	50.28 356	P	P	03 20 44.6 -1.1
SDDC	Great Sand Dun	50.81 76	P	I Amb	03 20 51.1 +0.6
TUC	Tucson	51.14 85	P	P	03 20 54.4 +1.6
T25A	Trinidad	51.86 76	P	P	03 20 59.4 +1.1
ANMO	Albuquerque	52.06 79	i P	P	03 21 01.2 +1.4
LYN	LuoYang	52.12 280	P	P	03 20 58.8 -1.2
FRB	Frøbisier Bay	52.35 32	LR	LR	03 44 03.3
121A	Cooke Peak, D	52.85 83	P	P	03 21 05.6 -0.1
XAN	Xi'an	54.63 282	P	P	03 21 18.8 +0.3
ZALV	Zalesovo Beam	54.66 314	P	P	03 22 20.4 -0.1
SFJD	Sangre de Cristo	55.11 23	LR	LR	03 46 56.4
ENH	Enshi	56.87 278	P	P	03 21 34.3 -0.3
TXAR	Lajitas Array	57.62 82	P	P	03 21 40.3 +0.4
TXAR	Lajitas Array	57.62 82	P	P	03 21 52.8 -0.8
ARCES	ARCES Array B	58.10 351	P	P	03 21 42.5 -0.2
ARCES	ARCES Array B	58.10 351	P	P	03 47 46.2
ARCES	ARCES Array B	58.10 351	P	P	03 21 43.1 +0.5
PLPT	Palo Pinto	58.47 76	P	P	03 21 46.6 +0.9
KURK	Kurchatov	59.65 314	P	I Amb	03 21 53.1 -0.5
KURK	Kurchatov	59.65 314	P	P	03 21 53.6 0.0
KURB	Kurchov Arra	59.75 314	P	P	03 21 53.1 -1.2
MIAR	Mount Ida	60.10 71	P	P	03 21 57.1 +0.1
MIAR	Mount Ida	60.10 71	P	P	03 21 57.1 +0.1
WMQ	Ururumi	60.11 304	eP	P	03 21 58.8 +1.8
WHAR	Woody Hollow	60.34 70	P	P	03 21 58.1 -0.5
MK31	Makanchi Array	60.73 309	P	P	03 22 00.1 -1.0
MK31	Makanchi Array	60.73 309	P	P	03 22 00.1 -1.0
MKAR	Makanchi Array	60.73 309	P	P	03 22 00.0 -1.1
MKAR	Makanchi Array	60.73 309	P	P	03 21 59.2 -1.9
MKAR	Makanchi Array	60.73 309	P	P	03 50 08.5
MKAR	Makanchi Array	60.73 309	P	P	03 22 03.2 +2.1
O48B	Farmland	60.92 61	P	P	03 22 01.9 -0.6
GYA	Guyang	61.32 277	P	P	03 22 06.3 +0.8
BVAR	Borovoye Array	61.42 321	P	P	03 22 05.2 -0.5
BVAR	Borovoye Array	61.42 321	P	P	03 22 47.2 -0.1
P49A	Miami Univ. Ec	61.67 61	P	P	03 22 07.0 -0.5
OXF	Oxford	62.57 68	P	P	03 22 13.5 -0.1
OXF	Oxford	62.57 68	P	P	03 22 13.5 -0.1
ARTI	Arti	63.09 329	P	I Amb	03 22 16.8 0.0

ARTI	Arti	63.09 329	P	P	03 22 16.8 0.0
HNR	Horia	63.86 205	LR	LR	03 43 26.4
Z47A	Carrollton	64.28 69	P	P	03 22 24.9 0.0
KMI	Kunming	64.72 279	i P	P	03 22 29.3 +1.1
FPAL	Fort Paine	64.73 66	P	I Amb	03 22 27.6 -0.4
LRAL	Lakeview Retre	65.02 66	P	P	03 22 29.2 -0.6
FINES	FINES Array B	65.85 348	eP	P	03 22 34.1 -0.5
FINES	FINES Array B	65.85 348	eP	P	03 54 46.5
FINES	FINES Array B	65.85 348	eP	P	03 22 36.2 +1.6
BO3	Lake Jocassee	65.92 64	P	P	03 22 34.9 -0.6
GOGA	Godfrey	66.77 65	P	P	03 22 41.0 0.0
AAK	Ala-Archa	67.54 311	LR	LR	03 54 48.1
NOA	NOA Array B	67.57 366	LR	LR	03 54 38.8
TAOE	Nuku Hiva Isla	68.07 140	eT	T	04 36 58.7
AKTO	Aktjubinsk	68.14 326	LR	LR	03 56 13.6
HFS	Hagfors	68.34 354	P	P	03 22 50.2 -0.3
HFS	Hagfors	68.34 354	P	P	03 54 44.1
ABKAR	Abkular array	68.42 324	P	P	03 22 51.0 -0.2
KKAR	Karatay Array	69.03 313	P	P	03 22 54.3 -0.8
KKAR	Karatay Array	69.03 313	P	P	03 22 54.3 -0.8
BELG	Belogorye	69.79 333	LR	LR	03 55 26.3
CRAI	Chiangrai	69.80 277	P	P	03 23 00.8 +0.7
OBIN	Obninsk	70.07 340	eS	S	03 23 03.5 +2.3
SHL	Shilling	70.99 287	P	P	03 23 07.1 -0.4
SHL	Shilling	70.99 287	P	P	03 23 07.1 -0.4
PMOR	Pomario Rio	71.00 150	eT	T	04 40 45.5
PHRA	Phrae	71.19 276	P	P	03 23 09.3 +0.7
CMAR	Chiang Mai Arr	72.01 277	P	P	03 23 13.9 +0.3
CMAR	Chiang Mai Arr	72.01 277	P	P	03 23 13.5 -0.1
CMAR	Chiang Mai Arr	72.01 277	P	P	03 57 26.1
CMAR	Chiang Mai Arr	72.01 277	P	P	03 23 14.5 +0.9
CMAR	Chiang Mai Arr	72.01 277	P	P	03 53 20.0
CMAR	Chiang Mai Arr	72.01 277	P	P	03 23 13.9 -0.1
TOL2	Toitotii	72.08 248	P	I Amb	03 23 14.9
PPT2	Papeete2	72.94 152	eLR	LR	03 45 45.8
PPT2	Papeete2	72.94 152	eT	T	04 43 12.0
PAE	Paee	73.00 153	eT	T	04 43 17.5
CHGR	Chuyangaron	73.17 311	P	P	03 23 20.3 -0.1
CHGR	Chuyangaron	73.17 311	P	P	03 23 20.3 -0.1
AKASG	Malin Array Be	75.70 343	P	P	03 23 33.5 -1.1
MTN	Manton Dam	78.17 231	P	P	03 23 49.4 +0.5
TBI	Tubuai	78.44 154	eT	T	04 50 06.5
KVAR	Kislovodsk	78.82 332	eP	P	04 02 47.7
KIV	Kislovodsk	78.82 332	eP	P	03 25 52.7 +0.3
GNI	Garni	81.65 329	LR	LR	04 06 39.0
WBO	Warrungarra Arr	82.67 225	P	I Amb	03 24 13.2 +0.3
WRA	Warrungarra Arr	82.65 225	P	P	03 24 13.9 0.0
WRA	Warrungarra Arr	82.65 225	P	P	03 24 13.8 -0.1
WRA	Warrungarra Arr	82.65 225	eP	P	03 42 35.1 -0.6
WRA	Warrungarra Arr	82.65 225	eP	P	03 24 14.3 +0.4
RKT	Rikitee	83.04 141	eT	T	04 55 43.5
PSI	Prapat	84.03 267	P	P	03 24 20.0 0.0
RPSI	Rantau				

GII 22 03:17:42.3±0.3, 32°08'N±0°02.35'42"E±0°00'1, h5km, Mws1.1, confirmed, Dead Sea region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like UJAP, UJAR, YITV, etc.

KRSC 22 03:27:12.9±1.2, 48°37'N±156°60'E, h7km±18km, MI4.2, East of Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like KDTR, MTRV, GRL, etc.

SFS 22 03:36:18.7, 36°52'N±5°54'W, h16km, ML2.8/ML2.8/18, MLV2.8/23

IGIL 22 03:36:18.9, 36°63'N±5°50'W, h11km, ML2.1

INMG 22 03:36:19.5±1.7, 36°61'N±5°51'W, h20km±3km, ML2.4, Error ellipse: s-maj=2.4km s-min=2.4km az=57.0

MDD 22 03:36:19.3±0.3, 36°63'N±5°50'W, h11km, mb_Lg/2.14, Error ellipse: s-maj=3.4km s-min=2.0km az=1.2

CNRM 22 03:36:20.5, 36°47'N±5°59'W, h50km, ML2.1

ISC 22 03:36:17.3±1.1, 36.62±0.02, 5.51±0.02, h16km±9km, n88, r139/154.4, Strait of Gibraltar

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like EJIF, LJJA, ESPR, etc.

Table with columns: MORF, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Vila Bispo, Sao Teotonio, Evora, etc.

ADC 22 03:39:58.4±0.8, 52°87'N±134°53'E, h0km, mb3.9/7, mbmp3.9/10, ML3.3/3, MS2.7/1, Error ellipse: s-maj=22.2km s-min=14.1km az=115.0

MOS 22 03:39:58.9±1.0, 52°96'N±142°49'E, h10km, mb4.2/4, Error ellipse: s-maj=24.5km s-min=12.8km az=82.1

SKVL 22 03:39:59.7±0.5, 53°00'N±134°38'E, h10km±3km, mb4.6/7

ISC 22 03:40:00.4±0.6, 52°90'N±134°36'E±0°03, h10km±n32, r161/145, mb3.9/7, IC, Southeastern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like EKMR, CHMR, GRNR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like BMKR, NKL, KLR, etc.

NEIC 22 03:57:41.8±1.6, 7°33'S±0°08±12°7'W±0°1, h10km±1km, mb4.8/27, Error ellipse: s-maj=21.1km s-min=8.0km az=124.0

IDC 22 03:57:44.8±1.0, 6°92'S±11°72'W, h0km, mb4.2/12, mbmp4.2/12, MS3.9/62, Error ellipse: s-maj=58.4km s-min=17.7km az=98.0

GCMT 22 03:57:47.8±0.2, 6°85'S±0°01±12°58'W±0°01, h15km±1km, MV4.9/123, Moment Tensor Solution. s47, c58, s123, c181, Duration: 0 Moment tensor: Scale 10^16Nm; Mw=1.42±0.08; Mw=1.55±0.08; Mw=0.35±0.23; Mw=2.49±0.07; Ms=0.33±0.23; Best double couple: M2.94100x10^16 NP1φ.165.00000°, 885.00000°, λ-172.00000°. NP2φ.74.00000°, 882.00000°, λ-5.00000°. Principal axes: T 2.9680, Plg2.0000°, Azm299.0000°; N -0.0600, Plg80.0000°, Azm197.0000°; P -2.9140, Plg10.0000°, Azm30.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 22 03:57:41.5±0.6, 7°33'S±0°12±12°7'W±0°1, h10km±n120, r179/149, mb4.4/11, MS3.9/61, Ascension Island region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like ASCN, H10N1, H10N2, etc.

CATAC 22 04:54:48.7,0.3,10.33N,-85.35W,h27km,3km,ML4.1
UCR 22 04:54:49.1,0.9,10.33N,-85.32W,h29km,2km,MW4.0
ISC 22 04:54:49.6,1.0,10.32N,-0.02,85.34W,0.02,h33km,3km,
n97,s0f62/125,9C-5D,Costa Rica

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROTA CERRO NEG, CARATE, PUERTO, etc.

AUST 22:05:10:52.1±0.8,34'S±3'x11'7"E±1',h3km,2km,ML1.0/4,
Error ellipse: s-maj=6.1km s-min=4.3km az=22.4,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in Western Australia.

TRN 22:05:20:50.4,17.46N,62.80W,h162km,MD3.7,North of
St. Kitts.,Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in St. Kitts, Leeward Islands.

ICC 22 05:21:50.6±2.5,20.28S±177.79W,h539km,26km,
mb3.1/4,mbtmp3.9/5,Error ellipse: s-maj=32.1km
s-min=29.5km az=157.0,Fiji Islands region

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

NEIC 22 05:32:25.9±1.8,7.52S±0.08±125.08E±0.03,h356km,7km,
mb4.3/23,Error ellipse: s-maj=11.7km s-min=4.6km
az=189.0

IDC 22 05:32:26.1±1.6,7.46S±125.10E,h366km±16km,mb3.8/12,
mbtmp4.5/15,Error ellipse: s-maj=20.9km s-min=7.8km
az=70.0

DJA 22 05:32:26.7±0.2,8'S±2'±12'5E',h359km,4km,M4.4/17,
mb4.7/17,mb4.9/12,MLV4.6/12,MW(m)E4.2/12
ISC 22 05:32:26.5±0.4,7.57S±0.05±125.01E±0.07,h371km,n109,
±12/111,mb4.2/22,2C,Banda Sea

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

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

IDC 22 06:08:03.4±1.2,30.26S±179.66W,h366km,11km,mb3.4/8,
mbtmp4.2/9,Error ellipse: s-maj=17.2km s-min=16.0km
az=101.0

WEL 22 06:09:40.5,38'S±29'±17'8E±2.4,h78km,30km,M2.8/12,
ML3.1/19,MLV2.8/12,Error ellipse: s-maj=0.0km
s-min=0.0km az=146.9

ISC 22 06:08:01.8±0.6,30.44S±0.07±179.7W±0.1,h350km,n50,
±1991/51,mb3.6/8,Kermadec Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like RTZ Ruatahuna, ALRZ Allen Road, KNR Kohoku, etc.

WEL 22:06:09:11.7,0.3,41.1'S,3.17'E,az=175.5, Cook Strait s-min=0.0km az=175.5, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WEL Wellington, BHW Baring Head, BHW Baring Head, etc.

IDC 22:06:22:46.8, 1.5, 30.23S, 177.58W, h0km, mb3.9/3, mbmp4.5/12, MS3.4/13, Error ellipse: s-maj=42.6km

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

IDC 22:06:33:06.7, 0.7, 7.87S, 130.26E, h0km, mb4.6/12, mbmp4.5/12, MS3.4/13, Error ellipse: s-maj=38.9km

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

MORW Morawa 24.74 21 P P 06 38 31.8 +2.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MORW Morawa, STKA Stephens Creek, STKA Stephens Creek, etc.

comp=Z,7.2nm,0.9s,baz=329 Shalkode 68.84 323 eP P 06 44 10.5 -1.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KSH Kashi, UZB Uzynbulak, MK31 Makanchi Array, etc.

IDC 22:07:08:14.1, 1.4, 36.35N, 128.80E, h0km, mb3.7/3, mbmp3.6/8, ML3.6/4, MS3.3/2, Error ellipse: s-maj=24.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like FETY Fethiye, DALY Dalyan (Mula), DALY Dalyan (Mula), etc.

SHO	comp=E,400nm,0.4s	A	A	08 36 53.0					
SHO	Shikotan	3.05 248	ePN	Pn	08 35 57.7	-1.3			
SHO			eS	Sn	08 36 32.3	-1.9			
SHO	comp=N,1µm,0.5s		smax						
YUK	Yuzh-Kuril'sk	3.64 255	eP	Pn	08 36 06.7	-0.4			
YUK			AMB	AMB	08 36 08.2				
YUK	comp=N,1µm,2.0s		iS	Sn	08 36 48.7	-0.1			
YUK			A	A	08 36 53.2				
YUK	comp=N,6µm,3.0s		A	A	08 37 05.4				
YUK	comp=N,2µm,0.4s		A	A	08 37 05.4				
YUK	Yuzh-Kuril'sk	3.64 255	ePN	Pn	08 36 07.7	+0.6			
YUK			iS	Sn	08 36 49.6	+0.8			
YUK			smax						
NEM2	Nemuro 2	3.98 246	P	Pn	08 36 10.6	-1.2			
NEM2			eS	Sn	08 36 54.6	-2.5			
JRA	Rausu	4.18 256	P	Pn	08 36 15.6	+1.1			
JNK	Nakash	4.57 253	P	Pn	08 36 19.9	0.0			
JNK			eS	Sn	08 37 12.1	+0.3			
JAK	Akkeshi	4.83 246	P	Pn	08 36 22.2	-1.2			
JAK			A	A	08 36 22.2				
JTKR	Abashiri-Toko	5.01 259	P	Pn	08 36 27.1	+1.2			
JR	Ashorobuto	5.32 253	P	Pn	08 36 30.6	+0.4			
JOB	Onbetsu	5.44 249	P	Pn	08 36 31.4	-0.4			
JKK2	Kamakawa 2	5.84 261	P	Pn	08 36 38.9	+1.5			
YSS	Yuzh-Sakhalins	5.86 291	Pn	Pn	08 36 37.0	-0.6			
YSS			eP	Sn	08 36 38.2	+0.7			
YSS			eS	Sn	08 37 43.3	-0.1			
YSS			AMS	AMS	08 38 37.6				
YSS	comp=N,5µm,18.0s		AMS	AMS	08 38 37.6				
YSS	comp=N,6µm,18.0s		ePN	Pn	08 36 38.3	+0.7			
YSS	Yuzh-Sakhalins	5.86 291	eS	Sn	08 37 43.3	-0.1			
YSS			smax	smax					
YSS	comp=Z,60nm,1.0s								
JCH	Churui	5.88 248	P	Pn	08 36 36.9	-1.0			
JCH			eS	Sn	08 37 43.3	-0.6			
JKA	Kamikawa-asahi	5.89 263	Pn	Pn	08 36 38.6	+0.6			
JKA	Kamikawa-asahi	5.89 263	eP	Pn	08 36 39.2	+1.2			
ASAJ	Asahikawa	5.89 263	P	Pn	08 36 39.2	+1.1			
ASAJ	comp=N,12nm,0.3s,baz=78,slow=10.0,SNR=33		S	S	08 37 51.6	+7.4			
ASAJ	comp=N,62nm,0.7s,baz=104,slow=19,SNR=1.2		LR	LR	08 39 01.5				
ASAJ	comp=N,5µm,20.4s,baz=98,slow=39		LR	LR	08 39 01.5				
JWK2	Keihoko	6.25 275	P	Pn	08 36 46.2	+3.4			
ERM	Erimo	6.31 243	Pn	Pn	08 36 44.2	+0.5			
ERM	Erimo	6.31 243	ePN	Pn	08 36 44.6	+0.9			
ERM			smax	smax					
JAB	Ashibetsu	6.31 258	P	Pn	08 36 46.2	+2.4			
JNBK	Urakawa-nobuka	6.43 247	P	Pn	08 36 44.7	-0.7			
JNBK	Urakawa-nobuka	6.43 247	A	A	08 36 44.7				
SKR	Severo-Kuril's	6.66 31	eP	Pn	08 36 47.7	-0.8			
SKR			AMB	AMB	08 36 49.3				
SKR	comp=N,530nm,0.8s		eS	Sn	08 38 00.1	-2.9			
SKR			A	A	08 38 31.5				
SKR	comp=N,2µm,1.0s		A	A	08 38 31.5				
SKR	comp=N,3µm,15.0s		AMS	AMS	08 39 19.0				
SKR	comp=N,5µm,15.0s		AMS	AMS	08 39 19.0				
SKR	comp=N,4µm,15.0s		AMS	AMS	08 39 19.0				
SKR	Severo-Kuril's	6.66 31	ePN	Pn	08 36 47.3	-1.2			
SKR			smax	smax					
SKR	comp=Z,530nm,0.8s		MLR	MLR					
UGL	Uglegorsk	7.13 307	eP	Pn	08 36 56.3	+1.3			
UGL			AMB	AMB	08 36 58.5				
UGL	comp=Z,90nm,0.8s		AMB	AMB	08 36 59.5				
UGL	comp=Z,400nm,4.3s		eS	Sn	08 38 14.5	-0.2			
UGL			A	A	08 38 34.0				
UGL	comp=Z,700nm,3.5s		A	A	08 38 34.0				
UGL	comp=Z,700nm,3.5s		AMS	AMS	08 40 07.5				
UGL	comp=Z,3µm,15.0s		AMS	AMS	08 40 07.5				
UGL	comp=Z,3µm,15.0s		AMS	AMS	08 40 07.5				
UGL	comp=Z,4µm,15.0s		AMS	AMS	08 40 07.5				
UGL	Uglegorsk	7.13 307	ePN	Pn	08 36 56.3	+1.3			
UGL			eS	Sn	08 38 18.4	+3.7			
UGL			smax	smax					
UGL	comp=Z,90nm,1.0s		smax	smax					
UGL	comp=Z,420nm,4.0s		smax	smax					
UGL	comp=N,700nm,3.5s		smax	smax					
UGL	comp=E,660nm,3.5s		MLR	MLR					
UGL	comp=E,3µm,13.0s		MLR	MLR					
UGL	comp=Z,4µm,13.0s		MLR	MLR					
UGL	comp=N,3µm,15.0s		MLR	MLR					
TYV	Tymovskoe	7.92 320	eP	Pn	08 37 06.4	+0.7			
TYV			AMB	AMB	08 37 10.0				
TYV	comp=N,100nm,2.2s		eS	Sn	08 38 31.8	-2.1			
TYV			A	A	08 38 37.2				
TYV	comp=N,180nm,3.0s		A	A	08 38 37.2				
TYV	comp=N,150nm,3.0s		AMS	AMS	08 40 24.9				
TYV	comp=N,3µm,14.0s		AMS	AMS	08 40 24.9				
TYV	comp=N,2µm,14.0s		AMS	AMS	08 40 24.9				
TYV	comp=N,4µm,14.0s		AMS	AMS	08 40 24.9				
TYV	Tymovskoe	7.92 320	ePN	Pn	08 37 06.4	+0.7			
TYV			smax	smax					
TYV	comp=Z,100nm,2.2s		smax	smax					
TYV	comp=Z,33nm,1.0s		MLR	MLR					
TYV	comp=E,2µm,16.0s		MLR	MLR					
JANG	Nango	8.26 238	P	Pn	08 37 07.3	-3.2			
JANG			S	Sn	08 38 34.2	-8.3			
JTM	Nemabayashi	8.29 242	P	Pn	08 37 09.0	-2.0			
KDTR	Khodutka, Kamc	8.30 33	eP	Pn	08 37 09.8	-1.2			
KDTR			AMB	AMB	08 37 15.9				
KDTR	comp=E,40nm,0.6s		eS	Sn	08 38 37.0	-6.3			
KDTR			A	A	08 38 42.5				
KDTR	comp=E,160nm,0.8s		A	A	08 38 42.5				
PEAOB	Petrovlovsk	9.23 27	Pn	Pn	08 37 24.6	+0.9			
PEAOB			ePN	Pn	08 37 24.2	+0.5			
PETK	Petrovlovsk	9.23 27	P	Pn	08 37 25.0	+1.3			
PETK			P	Pn	08 37 23.8	+0.1			
PETK	comp=E,1.3nm,0.3s,baz=193,slow=12,SNR=1.5		S	Sn	08 39 16.1	+1.0			
PETK	comp=E,9.1nm,0.8s,baz=223,slow=29,SNR=1.4		LR	LR	08 41 08.7				
PETK	comp=E,2µm,18.4s,baz=217,slow=39		LR	LR	08 41 08.7				
PETK	comp=E,4nm,0.5s		Pn	Pn	08 37 25.0	+1.3			
PETK	Petrovlovsk	9.23 27	eP	Pn	08 37 26.5	-0.7			
PETK	Petrovlovsk	9.48 30	ePN	Pn	08 37 28.8	+1.6			
PETK			MLR	MLR					
PETK	comp=Z,600nm,18.0s		MLR	MLR					
PETK	comp=Z,900nm,13.0s		MLR	MLR					
OKH	Okha	9.87 332	iP	Pn	08 37 34.0	+1.5			

OKH	comp=Z,630nm,3.0s	AMB	AMB	08 37 40.8					
OKH		eS	Sn	08 39 21.8	0.0				
OKH		A	A	08 39 28.7					
OKH	comp=Z,750nm,2.5s	A	A	08 39 28.7					
OKH	comp=Z,530nm,2.5s	AMS	AMS	08 40 58.9					
OKH	comp=Z,2µm,14.0s	AMS	AMS	08 40 58.9					
OKH	comp=Z,2µm,14.0s	AMS	AMS	08 40 58.9					
OKH	comp=Z,2µm,14.0s	AMS	AMS	08 40 58.9					
OKH	Okha	9.87 332	iPN	Pn	08 37 34.2	+1.7			
OKH		eS	Sn	08 39 30.3	+8.5				
OKH		smax	smax						
OKH	comp=Z,200nm,11.3s	MLR	MLR						
OKH	comp=E,2µm,13.0s	MLR	MLR						
OKH	comp=N,2µm,14.0s	MLR	MLR						
OKH	comp=Z,2µm,13.0s	MLR	MLR						
TEY	Ternei	10.00 275	eP	Pn	08 37 35.2	+0.9			
TEY			Pn	Pn	08 37 35.2	+0.9			
NKL	Nikolayevsk	10.41 324	eP	Pn	08 37 40.2	+0.4			
NKL			AMB	AMB	08 37 43.4				
NKL	comp=Z,430nm,1.3s	AMS	AMS	08 37 43.5					
NKL	comp=Z,3µm,20.0s	AMS	AMS	08 37 43.5					
NKL	comp=Z,5µm,20.0s	AMS	AMS	08 37 43.5					
NKL	comp=Z,1.1µm,20.0s	AMS	AMS	08 37 43.5					
NKL	Nikolayevsk	10.41 324	ePN	Pn	08 37 36.5	-3.3			
NKL			smax	smax					
NKL	comp=N,61nm,1.4s	pmax	pmax						
NKL	comp=E,388nm,1.3s	pmax	pmax						
NKL	comp=Z,433nm,1.3s	MLR	MLR						
NKL	comp=E,5µm,19.0s	MLR	MLR						
NKL	comp=N,3µm,20.0s	MLR	MLR						
NKL	comp=Z,1.1µm,20.0s	MLR	MLR						
GRNR	Gornyy	11.15 306	eP	Pn	08 37 52.8	+2.8			
GRNR	Gornyy	11.15 306	iPN	Pn	08 37 52.8	+2.8			
GRNR			smax	smax					
GRNR	comp=Z,10.0nm,0.9s	MLR	MLR						
GRNR	comp=N,710nm,15.0s	MLR	MLR						
GRNR	comp=E,1µm,15.0s	MLR	MLR						
GRNR	comp=Z,2µm,14.0s	MLR	MLR						
MJAR	Matsushiro Arr	12.75 232	P	Pn	08 38 12.0	0.0			
MJAR	comp=Z,5.8nm,1.0s,baz=32,slow=10,SNR=4.4	S	Sn	08 40 32.2	-0.3				
MJAR	comp=Z,3.8nm,1.1s,baz=34,slow=27,SNR=1.3	LR	LR	08 43 38.7					
MJAR	comp=Z,1µm,21.1s,baz=48,slow=40	Pn	Pn	08 38 12.0	0.0				
MJAR	Matsushiro Arr	12.75 232	Pn	Pn	08 38 12.1	+0.1			
MAJO	Matsushiro	12.75 232	Pn	Pn	08 38 11.5	-0.5			
MAJO	Matsushiro	12.75 232	ePN	Pn	08 38 11.5	-0.5			
MAJO			smax	smax					
USA0B	Ussuriysk Arra	13.38 273	Pn	Pn	08 38 19.8	-0.7			
USA0B	Ussuriysk Arra	13.38 273	ePN	Pn	08 38 20.0	-0.5			
USRK	Ussuriysk Ar	13.38 273	Pn	Pn	08 38 19.7	-0.8			
USRK	Ussuriysk Ar	13.38 273	Pn	Pn	08 38 20.4	-0.1			
USRK	comp=Z,0.5nm,0.3s,baz=84,slow=13,SNR=18	LR	LR	08 43 22.1					</

22d 8h

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Table with columns: CTA, comp-Z, frequency, and other technical details. Includes entries like Charters Tower, Elko, HYB YNE, FXWY Fox Creek, RLMT Red Lodge, TPWV Teton Pass, etc.

Table with columns: KBZ, comp-Z, frequency, and other technical details. Includes entries like Shidzhatmaz, Malin Array Si, Malin Array Si, Malin Array Si, etc.

Table with columns: CLL, comp-Z, frequency, and other technical details. Includes entries like Colim, Colim, Colim, Colim, Colim, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, and multiple columns of satellite data (MTE, MTE, MTE, etc.). The table lists various satellite stations and their associated satellite signals, including station names like ASCN, H10N2, H10N1, etc., and satellite names like MTE, MTE, MTE, etc.

22d 9h

ASAR Alice Springs 128.78 209 PKP PKIKP 09 54 10.3 +0.4
WRA Warramunga Arr 131.78 212 PKP PKIKP 09 54 16.1 +0.2
KURBB Kurchatov Arra 142.53 33 PKP PKIKP 09 54 35.7 -1.1

RSNC 22 09:41:50.70,0.0,11°N,1°7'2W, h81km,4km,M3.0,mb3.8,
mB4.7,ML2.8,Mw(mB)4.0
FUNV 22 09:41:51.9,10.95N,72.49W,h95km,MW3.8
ISC 22 09:41:48.8,1.4,11.10N,0.06,72.47W,0.03,h91km,15km,
n35,ct176/67,Near north coast of Colombia

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists various stations like URIC, MCOV, SMRC, etc.

KRNET 22 09:48:45.8,0.1,39.62N,71.21E,h20km,mb3.6
IDC 22 09:48:46.5,0.1,39.67N,71.23E,h0km,mb3.8,7,
mbtmp3.7/13,ML2.9/6,Error ellipse: s-maj=19.2km
s-min=13.1km az=141.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like DRK, BTK, FRG, etc.

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Main table with columns: YNGY, TAS, BAKH, etc. Lists stations and their associated data points.

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Table with columns: TNSS, MDOK, KOTS, etc. Lists stations and their associated data points.

DJA 22 09:58:22.9,0.3,4°S,3°13'9E, h198km,6km,M5.0/9,
mb4.7/9,mb5.5/4,MLV5.2/7,Mw(mB)5.0/4
IDC 22 09:58:24.8,0.5,4.44S:138°51'E,h161km,4km,mb3.9/14,
mbtmp4.4/16,Error ellipse: s-maj=20.1km s-min=8.4km
az=85.0
NEIC 22 09:58:24.9,1.1,4.45S:09.138°55'E,0.09,h155km,gkm,
mb4.5/60,Error ellipse: s-maj=14.3km s-min=12.2km
az=217.0
ISC 22 09:58:24.1,0.3,4.45S:004:138.60E,0.04,h150km,n129,
ct1950/146,mb4.5/49,4C,Irian Jaya

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like GENI, Gemem.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like GENI Genyem, TABU Tabubil, JAY Jayapura, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like BOOM Boomskeye usch, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

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

TPUB	Ta-pu	8.93 249	Pn	Pn	11 00 07.5 -3.4
TPUB	Ta-pu	8.93 249	P	Pn	11 00 07.3 -3.5
TJN	Taejon	9.80 349	Pn	Pn	11 00 24.1 +1.3
TJN	Taejon	9.80 349	P	Pn	11 00 23.9 +1.1
TJN	Taejon	9.80 349	P	Pn	11 00 23.1 +0.3
OZH	Quanzhou	10.18 262	P	Pn	11 00 24.9 -3.1
OZH	comp=Z,14um,11.0s		pmax	pmax	
OZH	comp=Z,10um,14.9s		LR	LR	
OZH	comp=Z,14um,12.1s		LR	LR	
OZH	comp=Z,17um,11.7s		LR	LR	
KNMB	Chin-men Tao	10.47 260	Pn	Pn	11 00 29.1 -2.9
INU	Inuyama	10.61 34	Pn	Pn	11 00 33.6 -0.2
INU	Inuyama	10.61 34	P	Pn	11 00 34.9 +1.1
KSAR	Wonju Array Be	10.77 352	P	Pn	11 00 37.5 +1.5
KSAR	Wonju Array Be	10.77 352	P	Pn	11 00 37.5 +1.5
KSRS	Korea Array	10.78 352	P	Pn	11 00 36.1 -0.1
KSRS	comp=Z,1.0nm,0.3s,baz=169,slow=14,SNR=77		LR	LR	11 05 29.9
KSRS	comp=Z,5um,18.6s,baz=175,slow=42		LR	LR	
JHJ	Hachio jima 2	10.79 52	Pn	Pn	11 00 37.5 +1.2
JHJ	comp=Z,32nm,0.3s,baz=200,slow=14,SNR=14		LR	LR	11 04 44.9
JHJ	comp=Z,5um,18.3s,baz=280,slow=37		LR	LR	
JHJ	comp=Z,32nm,0.6s		LR	LR	
JHJ2	Mitsune	10.81 52	Pn	Pn	11 00 37.2 +0.6
JHJ2	Mitsune	10.81 52	P	Pn	11 00 37.8 +1.2
KS19	Wonju Array Si	10.83 352	P	Pn	11 00 38.1 +1.2
NJ2	Nanjing	10.84 302	P	Pn	11 00 36.8 -0.2
NJ2			pP	S	11 00 39.5
NJ2			S	S	11 02 43.4 +5.6
NJ2			pmax	pmax	11 02 52.8
NJ2	comp=Z,32nm,0.8s		pmax	pmax	
NJ2	comp=Z,2um,3.5s		LR	LR	
NJ2	comp=Z,18um,11.4s		LR	LR	
NJ2	comp=Z,27um,12.8s		LR	LR	
NJ2	comp=Z,35um,12.8s		LR	LR	
JGF	Kuroka	10.98 35	Pn	Pn	11 00 39.3 +0.3
JGF	Kuroka	10.98 35	P	Pn	11 00 38.9 -0.1
INCN	Inchon	11.02 347	Pn	Pn	11 00 41.0 +1.6
INCN	Inchon	11.02 347	P	Pn	11 00 41.0 +1.6
INCN	Inchon	11.02 347	P	Pn	11 00 41.0 +1.6
INCN	Chichijima	11.13 85	Pn	Pn	11 00 39.6 -1.4
JCJ	Chichijima	11.13 85	Pn	Pn	11 00 34.8 -6.3
JCJ	comp=Z,17nm,0.3s,baz=263,slow=23,SNR=24		S	S	11 02 34.2 -1.1
JCJ	comp=Z,5.6nm,0.3s,baz=309,slow=23,SNR=2.6		LR	LR	11 03 59.5
JCJ	comp=Z,4um,20.0s,baz=282,slow=32		LR	LR	
MAJO	Matsushiro	12.14 34	Pn	Pn	11 00 55.2 +0.3
MAJO	Matsushiro	12.14 34	P	Pn	11 00 56.7 +1.8
MAJO	Matsushiro	12.14 34	P	Pn	11 00 56.2 +1.3
MAJO	comp=Z,10.0nm,0.4s		pmax	pmax	
MJAR	Matsushiro Arr	12.14 34	Pn	Pn	11 00 54.4 -0.5
MJAR	comp=Z,0.5nm,0.3s,baz=240,slow=13,SNR=24		S	S	11 03 11.7 +1.9
MJAR	baz=300,slow=29,SNR=1.0		S	S	
MJAR	comp=Z,3.8nm,0.6s		S	S	
MJB9	Matsu-Tunnel	12.15 34	Pn	Pn	11 00 55.6 +0.8
WHN	Wuhan	14.01 289	P	Pn	11 01 19.0 -1.3
WHN			S	S	11 04 01.3 +6.0
WHN	comp=Z,320nm,1.2s		LR	LR	
WHN	comp=Z,20um,13.1s		LR	LR	
WHN	comp=Z,49um,12.0s		LR	LR	
WHN	comp=Z,52um,12.4s		LR	LR	
TIA	Tai'an	14.28 314	P	Pn	11 01 24.0 -0.1
TIA			S	S	11 04 06.5 +4.6
TIA	comp=Z,150nm,1.0s		pmax	pmax	
TIA	comp=Z,3um,8.8s		LR	LR	
TIA	comp=Z,24um,13.6s		LR	LR	
TIA	comp=Z,22um,14.1s		LR	LR	
TIA	comp=Z,41um,13.1s		LR	LR	
JMM	Marumori	14.50 37	P	Pn	11 01 24.1 -2.8
JMM	Marumori	14.50 37	P	Pn	11 01 28.2 +1.2
CNSH	ChangSha	14.97 279	P	Pn	11 01 31.4 -2.0
CNSH			S	S	11 04 17.8 -0.9
CNSH	comp=Z,150nm,1.3s		pmax	pmax	
CNSH	comp=Z,14um,9.9s		LR	LR	
CNSH	comp=Z,20um,14.8s		LR	LR	
CNSH	comp=Z,28um,13.2s		LR	LR	
SNY	Shenyang	15.86 343	P	Pn	11 01 45.1 +0.1
SNY	comp=Z,320nm,1.1s		LR	LR	
SNY	comp=Z,18um,11.6s		LR	LR	
SNY	comp=Z,10um,12.6s		LR	LR	
SNY	comp=Z,26um,12.6s		LR	LR	
PSTR	Posyet	15.89 3	eP	Pn	11 01 43.9 -1.4
VLA	Vladivostok	16.43 6	eP	Pn	11 01 52.5 +0.3
HNS	HongShan	16.59 314	P	Pn	11 01 53.0 -0.8
HNS			S	S	11 05 20.8 +1.2
HNS	comp=Z,500nm,1.3s		pmax	pmax	
HNS	comp=Z,4um,9.6s		LR	LR	
HNS	comp=Z,20um,11.9s		LR	LR	
HNS	comp=Z,14um,14.3s		LR	LR	
HNS	comp=Z,28um,13.1s		LR	LR	
LYN	LuoYang	16.74 302	P	P	11 01 57.8 -0.6
LYN			pP	pP	11 02 12.3 +4.2
LYN			S	S	11 05 12.3 -0.2
LYN	comp=Z,650nm,1.5s		pmax	pmax	
LYN	comp=Z,3um,4.8s		LR	LR	
LYN	comp=Z,27um,12.0s		LR	LR	
LYN	comp=Z,43um,11.3s		LR	LR	
LYN	comp=Z,65um,12.0s		LR	LR	
CN2	Changchun	17.36 350	eP	Pn	11 02 03.6 -0.4
CN2			eS	S	11 05 14.8 -1.8
CN2	comp=Z,10.0nm,0.7s		pmax	pmax	
CN2	comp=Z,1um,3.4s		LR	LR	
CN2	comp=Z,17um,14.0s		LR	LR	
CN2	comp=Z,7um,14.0s		LR	LR	
CN2	comp=Z,19um,14.6s		LR	LR	
BJT	Baijiatuu	17.38 323	P	Pn	11 02 04.3 +0.1
BJT			IAMB	IAMB	11 02 08.6
BJT	comp=Z,1um,1.8s		P	Pn	11 02 04.3 +0.1
BJT			pmax	pmax	
BJI	Beijing	17.39 323	P	P	11 02 05.8 +0.2
BJI	comp=Z,120nm,1.5s		LR	LR	
BJI	comp=Z,4um,14.6s		LR	LR	
BJI	comp=Z,3um,15.0s		LR	LR	

BJI	comp=Z,5um,15.7s		LR	LR	
USA0B	Ussuriysk Arra	17.51 5	P	Pn	11 02 06.3 +0.5
USA0B	Ussuriysk Arra	17.51 5	eP	Pn	11 02 04.7 -1.1
USRK	Ussuriysk Ar.	17.51 5	P	Pn	11 02 05.0 -0.9
USRK	comp=Z,1.3nm,0.3s,baz=191,slow=10,SNR=35		LR	LR	11 02 05.4 -0.4
USRK	comp=Z,3um,18.4s,baz=183,slow=39		LR	LR	11 09 18.4
MDJ	Mudanjiang	17.83 360	P	P	11 02 10.4 0.0
MDJ			S	S	11 05 30.3 +2.3
MDJ	comp=Z,13nm,1.0s		pmax	pmax	
MDJ	comp=Z,1um,11.3s		LR	LR	
MDJ	comp=Z,4um,15.8s		LR	LR	
MDJ	comp=Z,6um,12.7s		LR	LR	
MDJ	comp=Z,8um,13.1s		LR	LR	
MDJ	Mudanjiang	17.83 360	P	P	11 02 10.5 +0.1
MDJ	Enshi	18.12 286	P	Pn	11 02 13.5 0.0
TIY	Taiyuan	18.22 311	eP	Pn	11 02 14.8 0.0
TIY			PP	Pn	11 02 27.6 +1.4
TIY			S	S	11 05 39.5 +1.8
TIY	comp=Z,180nm,0.8s		pmax	pmax	
TIY	comp=Z,3um,4.7s		LR	LR	
TIY	comp=Z,11um,12.0s		LR	LR	
TIY	comp=Z,12um,13.1s		LR	LR	
TIY	comp=Z,13um,14.8s		LR	LR	
ERM	Erimo	18.80 33	P	Pn	11 02 21.7 0.0
ERM			IAMB	IAMB	11 02 32.5
ERM	comp=Z,482nm,1.8s		P	Pn	11 02 24.0 +2.3
ERM	Erimo	18.80 33	eP	P	11 02 19.7 -1.4
ERM	comp=Z,157nm,1.6s		pmax	pmax	
JEM	Erimo	18.80 33	IAMS_20	IAMS_20	11 10 40.2
JEM	comp=Z,5um,20.0s		LR	LR	
BNX	BinXian	19.04 355	P	P	11 02 21.6 -2.1
BNX			S	S	11 05 54.4 -2.8
BNX	comp=Z,69nm,1.2s		pmax	pmax	
BNX	comp=Z,1um,12.0s		LR	LR	
BNX	comp=Z,5um,13.1s		LR	LR	
BNX	comp=Z,5um,13.7s		LR	LR	
BNX	comp=Z,7um,13.1s		LR	LR	
TEY	Ternei	19.07 15	eP	P	11 02 22.0 -2.0
TEY			pmax	pmax	11 05 56.4
TEY	comp=E,10.0nm,2.0s		pmax	pmax	
TEY	comp=N,10.0nm,1.6s		pmax	pmax	
GUMO	Guam	19.31 130	P	P	11 02 26.5 -0.4
GUMO			IAMB	IAMB	11 02 35.2
GUMO	comp=Z,515nm,1.1s		P	Pn	11 02 26.8 +0.7
GUMO	Guam	19.31 130	P	Pn	11 02 28.6 0.0
GUMO	comp=Z,2.5nm,0.3s,baz=225,slow=16,SNR=4.1		LR	LR	11 08 15.8
GUMO	comp=Z,4um,19.8s,baz=296,slow=32		LR	LR	
GUMO	comp=Z,130nm,1.0s		LR	LR	
XAN	Xi'an	19.33 297	P	P	11 02 26.1 -1.0
XAN			pP	pP	11 02 36.4 -0.4
XAN			S	S	11 06 03.6 -1.0
XAN	comp=Z,850nm,1.2s		pmax	pmax	
XAN	comp=Z,5um,4.3s		LR	LR	
XAN	comp=Z,11um,12.5s		LR	LR	
XAN	comp=Z,22um,12.0s		LR	LR	
XAN	comp=Z,28um,12.4s		LR	LR	
QIZ	Qiongzong	19.84 251	P	P	11 02 33.3 +0.6
QIZ	comp=Z,96nm,1.6s		pmax	pmax	
QIZ	comp=Z,2um,10.6s		LR	LR	
QIZ	comp=Z,7um,12.4s		LR	LR	
QIZ	comp=Z,2um,11.9s		LR	LR	
QIZ	comp=Z,5um,15.6s		LR	LR	
QIZ	Qiongzong	19.84 251	P	P	11 02 31.1 -1.5
QIZ	Davao City (W)	19.95 192	P	Pn	11 02 40.0 +4.2
QIZ	Asahikawa	20.22 28	P	P	11 02 35.1 -1.5
QIZ	comp=Z,34nm,1.0s,baz=233,slow=12,SNR=6.6		LR	LR	11 10 38.1
ASAJ	Asahikawa	20.22 28	P	P	11 02 37.5 +0.9
ASAJ	comp=Z,3um,20.3s,baz=246,slow=37		pmax	pmax	
ASAJ	comp=Z,34nm,1.0s		pmax	pmax	
ASAJ	comp=Z,141nm,1.2s		MLR	MLR	
JKA	Kamikawa-asahi	20.22 28	P	P	11 02 37.5 +0.9
XLT	XiLinHaoTe	20.36 331	eP	S	11 02 37.5 -0.8
XLT			pmax	pmax	11 06 23.5 -2.1
XLT	comp=Z,290nm,1.1s		LR	LR	
XLT	comp=Z,930nm,13.8s		LR	LR	
XLT	comp=Z,8um,14.1s		LR	LR	
XLT	comp=Z,14um,13.4s		LR	LR	
HHC	Hu-ho-hao-te	20.57 318	eP	P	11 02 39.8 -0.7
HHC			pP	Pn	11 02 43.6 +0.8
HHC			PP	Pn	11 03 05.3 +7.0
HHC			SS	S	11 06 37.5 -0.1
HHC	comp=Z,44nm,1.0s		pmax	pmax	
HHC	comp=Z,1um,5.4s		LR	LR	
HHC	comp=Z,20um,12.2s		LR	LR	
HHC	comp=Z,16um,12.2s		LR	LR	
HHC	comp=Z,31um,13.1s		LR	LR	
GYA	Guiyang	20.61 274	P	P	11 02 40.8 -0.4
GYA			sP	S	11 02 48.8 +1.9
GYA			S	S	11 06 26.3 -4.6
GYA			pmax	pmax	11 06 33.5 -2.1
GYA	comp=Z,2um,6.5s		LR	LR	
GYA	comp=Z,10um,12.8s		LR	LR	
GYA	comp=Z,22um,13.4s		LR	LR	
GYA	comp=Z,26um,12.4s		LR	LR	
BTO	Baotou	21.37 315	eP	P	11 02 50.3 +1.1
BTO			pP	pP	11 02 54.3 +0.5
BTO			pP	pP	11 02 57.4 -0.9
BTO			PP	Pn	11 03 05.3 +7.0
BTO			SS	S	11 07 20.3 +1.1
BTO	comp=Z,180nm,1.3s		pmax	pmax	
BTO	comp=Z,3um,9.8s		LR	LR	
BTO	comp=Z,34um,15.4s		LR	LR	
BTO	comp=Z,23um,12.7s		LR	LR	
BTO	comp=Z,47um,12.7s		LR	LR	
YUK	Yuzh-Kuril'sk	21.63 33	eP	P	11 02 50.4 -1.4
KLR	Kul'dur	22.50 3	P	P	11 02 59.8 -1.6
KLR	comp=Z,38nm,1.1s,baz=186,slow=8.8,SNR=25		LR	LR	

KLR	comp=Z,1um,18.7s,baz=176,slow=38		LR	LR	11 12 26.1
KLR	comp=Z,38nm,1.1s		LR	LR	

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Table with columns: WRA, Warramunga Arr, 46.63 174, P, P, 11 06 29.2 -0.8, 11 06 28.6 -1.5, 11 13 15.4 -3.0, 11 06 29.3 -0.8, 11 06 30.5 -0.6, 11 06 30.0 -0.3, 11 06 31.2 +0.6, 11 26 51.9, 11 06 31.1 +0.5, 11 08 15.9, 11 13 18.0 -1.3, 11 16 40.2 -5.3, 11 06 33.4 +1.9, 11 06 34.6 +0.4, 11 06 46.0, 11 06 34.6 +0.4, 11 06 33.3 -1.1, 11 06 33.3 -1.1, 11 06 34.3 -0.9, 11 06 34.8 -0.3, 11 06 34.8 -0.3, 11 06 34.9 -0.3, 11 06 34.8 -0.3, 11 06 37.4 -0.7, 11 06 37.3 -0.7, 11 06 40.2 -0.5, 11 06 40.4 -0.3, 11 06 43.2 -0.7, 11 06 43.2 -0.7, 11 23 11.1, 11 06 46.6 -0.1, 11 06 46.6 -0.1, 11 06 46.3 -0.4, 11 06 46.6 -0.1, 11 06 48.5 +0.5, 11 06 48.1 -0.1, 11 06 48.1 -0.1, 11 07 00.5, 11 06 48.6 +0.4, 11 06 48.1 -0.1, 11 06 48.9 -0.3, 11 06 50.2, 11 06 48.8 -0.3, 11 29 38.2, 11 06 48.4 -0.8, 11 06 51.6 +1.3, 11 28 48.0, 11 06 51.4 +1.1, 11 06 49.3 -1.0, 11 06 51.2 +0.9, 11 06 49.3 -1.0, 11 06 52.0 -0.9, 11 06 52.0 -0.9, 11 07 10.2, 11 06 57.4 0.0, 11 06 57.2 -0.2, 11 06 57.4 0.0, 11 07 10.2, 11 06 57.4 0.0, 11 06 58.3 +0.1, 11 06 59.2 +1.1, 11 06 58.3 +0.1, 11 06 57.2 -0.9, 11 08 18.2 +1.3, 11 28 51.7, 11 06 58.3 +0.1, 11 06 58.8 +0.6, 11 31 16.0, 11 07 00.2 +1.3, 11 07 00.2 +1.3, 11 06 59.9 -0.5, 11 07 01.2 0.0, 11 07 01.2 0.0, 11 07 00.9 -0.7, 11 08 19.9 +1.5, 11 30 58.3, 11 07 07.1 -0.2, 11 07 07.1 -0.2, 11 07 08.3 +0.9, 11 07 07.6 +0.3, 11 08 08.5 -0.6, 11 07 12.4 +1.4, 11 07 10.5 -0.6, 11 07 11.6 +0.4, 11 07 11.8 -0.3, 11 07 12.4 +0.3, 11 07 11.8 -0.3

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Table with columns: KBL, Gambell, 52.54 29, P, P, 11 07 15.1 +0.6, 11 07 20.6 -1.2, 11 07 26.7 -0.1, 11 07 27.0 +0.2, 11 07 26.8 -1.2, 11 07 29.9 +0.3, 11 07 29.1 -0.4, 11 07 31.7 -0.1, 11 07 34.1 +0.1, 11 07 34.9 +0.5, 11 07 34.0 -0.9, 11 07 35.1 -0.2, 11 07 35.8 +0.1, 11 07 37.8 -0.8, 11 07 40.5, 11 07 39.0 +0.5, 11 07 37.8 -0.4, 11 07 41.0 +1.6, 11 07 57.8, 11 32 49.7, 11 07 39.1 -0.2, 11 07 39.3 -0.1, 11 07 40.3 +0.1, 11 07 39.9 -1.2, 11 33 03.2, 11 07 40.6 -0.5, 11 07 42.5 +1.4, 11 08 09.1, 11 07 41.0 -0.1, 11 07 43.2 0.0, 11 07 43.6 -0.3, 11 07 44.5 -0.6, 11 07 45.0 -0.2, 11 07 44.6 -0.8, 11 33 17.2, 11 07 44.7 -0.9, 11 07 45.4 -0.3, 11 07 46.4 +0.1, 11 07 46.3 +0.2, 11 07 46.4 -0.6, 11 07 46.9 -0.6, 11 07 59.1, 11 07 48.4 +0.9, 11 07 47.3 -0.2, 11 07 48.3 +1.2, 11 08 16.1, 11 34 01.7, 11 07 46.8 -0.3, 11 07 47.2 -0.3, 11 07 47.1 -0.6, 11 07 48.0 +0.2, 11 07 48.5 +0.9, 11 07 49.5 +0.7, 11 07 49.0 0.0, 11 07 48.9 -0.1, 11 08 01.7, 11 07 48.5 -0.3, 11 07 48.9 -0.4, 11 07 48.5 -0.9, 11 07 48.9 -0.7, 11 07 49.0 -0.8, 11 07 49.1 -1.3, 11 07 49.8 -0.9, 11 07 49.5 -1.6, 11 07 49.9 -1.3, 11 07 52.5 +0.1, 11 07 51.7 +0.2, 11 07 53.5 +0.8, 11 07 51.3 -0.9, 11 07 52.8 +0.4, 11 08 13.0, 11 34 26.9, 11 07 51.9 -0.4, 11 07 52.1 -0.4, 11 07 52.2 -0.3, 11 07 52.7 -0.8, 11 08 05.8, 11 07 52.8 -0.7, 11 08 48.0, 11 10 04.2, 11 16 54.9 +2.6, 11 19 40.9 -1.9, 11 07 54.4 +0.6, 11 08 21.9, 11 07 53.5 -0.3, 11 07 55.3 +1.1, 11 08 18.1, 11 07 53.9 -0.3, 11 07 54.3 -0.1, 11 07 54.1 -0.1, 11 07 54.1 -0.3, 11 07 55.5 0.0, 11 07 56.9 +0.7, 11 07 56.0 -0.3, 11 07 55.6 -0.9

22d 10h

Table with columns: O16K, Kokkuk River B, 58.36 35, P, P, 11 07 55.5 -1.0, 11 07 56.8 0.0, 11 08 33.1, 11 33 06.2, 11 07 56.7 0.0, 11 07 57.9 +1.1, 11 08 34.6, 11 34 27.0, 11 07 56.4 -0.4, 11 07 56.3 -0.6, 11 33 32.7, 11 34 09.9, 11 07 56.8 -0.4, 11 07 57.9 -0.7, 11 08 00.3 +1.3, 11 07 58.5 -0.5, 11 07 59.5 -0.2, 11 07 59.8 +0.1, 11 08 38.9, 11 07 58.4 -1.4, 11 08 51.6, 11 35 22.4, 11 07 59.4 -0.6, 11 07 59.3 -0.8, 11 34 35.4, 11 08 01.1 -0.3, 11 08 01.1 -0.2, 11 08 02.4 +0.9, 11 08 29.5, 11 08 00.8 -0.8, 11 08 02.6 +1.0, 11 08 04.2, 11 08 01.5 -0.1, 11 08 30.0, 11 08 01.7 +0.1, 11 08 01.4 -0.3, 11 08 01.7 -0.5, 11 08 02.4 0.0, 11 08 04.5 +1.6, 11 35 04.4, 11 08 03.1 +0.2, 11 08 03.0 -0.1, 11 08 36.3, 11 08 03.1 -0.2, 11 08 03.7 -0.2, 11 08 04.2 +0.2, 11 08 05.5 -0.7, 11 08 03.3 -1.0, 11 08 03.7 -1.1, 11 08 04.7 -0.2, 11 08 17.4, 11 08 05.9 +0.9, 11 08 04.9 -0.1, 11 08 03.8 -1.0, 11 08 03.5 +0.5, 11 08 07.8, 11 35 33.6, 11 08 05.2 +0.1, 11 08 06.4 +1.0, 11 08 05.7 +0.3, 11 08 07.6 +0.8, 11 08 08.8 +1.1, 11 08 08.2 +1.5, 11 08 08.4 +0.8, 11 08 07.2 -0.3, 11 08 07.4 -0.1, 11 08 07.7 -0.2, 11 08 09.0 +0.5, 11 35 13.0, 11 08 08.3 -0.2, 11 08 08.2 -0.4, 11 08 09.2 +0.1, 11 08 09.7 +0.1, 11 16 22.8 +0.4, 11 25 56.4, 11 08 10.5 +0.9, 11 08 08.7 -0.4, 11 08 08.8 -0.2, 11 08 10.2 +1.1, 11 08 27.5, 11 08 09.2 0.0, 11 08 10.7 +1.1, 11 33 51.8, 11 08 09.5 0.0, 11 08 13.1, 11 33 41.9, 11 08 09.7 -0.1, 11 08 09.8 -0.4, 11 36 32.2

22d 10h

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Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Date, Time, Status, and other parameters. Includes stations like E21K Killik River, L20K Farewell AK, IMAR Indian Mountain, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Date, Time, Status, and other parameters. Includes stations like NEA2 comp=Z,772nm,20.0s, NEA2 Nenana, RC01 Raint Creek A, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Azimuth Error, Date, Time, Status, and other parameters. Includes stations like F26K Sheenjek River, F26K Sheenjek River, ARPS Mount Arapiles, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like E28M Babbage River, TOO Toolangi, CRQE Cirque, F28M Old Crow, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like MNGR Mingechevir, J30M Hart River, INK Inuvik, INK Inuvik, YUK6 Outpost Mounta, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like KBZ Khabaz, KBZ Khabaz, WHFO Wadi Hawf, WHFO Wadi Hawf, R31K City Hall, etc.

22d 11h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like IAMS_20, PKP, etc.

ISK 22 11:13:08.9, 36.48N, 28.75E, h5km, ML2.9/16
AFAD 22 11:13:09.0, 36.48N, 28.72E, h7km, 3km, ML2.8
ISC 22 11:13:09.8, 1.36, 48N, 0.03, 28.74E, 0.02, h9km, 10km, n36, c055/55, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like IAMS_20, PKP, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like IAMS_20, PKP, etc.

IDC 22 11:14:58.4, 0.9, 26.75N, 129.53E, h0km, mb4.0/11, mbmp4.0/13, ML3.3/2, Error ellipse: s-maj=29.4km s-min=17.4km az=78.0

JMA 22 11:15:00.7, 0.1, 26.7N, 0.4, 129.53E, h51km, MV3.7/27, NEAR OKINAWAJIMA ISLAND

ISC 22 11:14:59.4, 2.1, 26.73N, 0.03, 129.68E, 0.03, h13km, 14km, n34, c142/54, mb3.9/11, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like IAMS_20, PKP, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like IAMS_20, PKP, etc.

UPP 22 11:49:28.0, 0.1, 59.00N, 18.21E, h0km, ML2.2, Unknown
HEL 22 11:49:28.9, 0.1, 59.01N, 18.13E, h0km, ML1.8, Explosion
DNK 22 11:49:28.8, 0.5, 59.00N, 18.20E, h0km, ML2.2(UPP), Explosion

IDC 22 11:49:30.6, 1.9, 59.12N, 18.04E, h0km, mbtmp3.3/3, ML1.9/4, Error ellipse: s-maj=24.5km s-min=6.6km

ISC 22 11:49:28.0, 0.8, 58.99N, 0.02, 18.19E, 0.02, h0km, n46, c150/62, Baltic Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station codes like IAMS_20, PKP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OSTU Oestervaaala, GRAU Graesoe, FORU Forsmark, etc.

UPA 22 11:52:46.4-4.8, 13.26N;81.00W, h42km, 875km
UCR 22 11:52:46.6-0.7, 12.75N;81.08W, h179km, 58km, MW3.7
ISC 22 11:52:46.1-3.6, 13.2N;02-81.1W;0.1, h35km, n13,
s=193/17, Caribbean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VICA Volcano Irazu, BCIP Isla Barro Col, etc.

UPP 22 11:56:39.7-0.1, 59.00N;18.20E, h0km, ML2.4, Unknown
HEL 22 11:56:40.4-0.1, 59.00N;18.15E, h0km, ML1.8, Explosion
DNK 22 11:56:40.1-0.4, 58.99N;18.21E, h0km, ML2.4(UPP),
Explosion

IDC 22 11:56:43.5-1.0, 59.28N;18.09E, h0km, mbtmp3.2/4,
ML1.9/4, Error ellipse: s-maj=13.1km s-min=6.7km
az=179.0
ISC 22 11:56:39.0-0.8, 58.99N;0.02-18.25E, h0km, n46,
c=095/62, Baltic Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NYNU Nynaeshamm, UPP Uppsala, VIKU Vikbolandet, etc.

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

IDC 22 11:58:46.1-1.0, 50.34S;112.87E, h0km, mb3.9/5,
mbtmp3.9/5, MS4.1/2, Error ellipse: s-maj=52.6km
s-min=19.7km az=108.0
ISC 22 11:58:47.4-1.0, 50.34S;112.92E, h0km, n14,
c=06/8, mb4.0/5, 2C, Southeast Indian Ridge

UPP 22 12:03:50.7-0.1, 59.00N;18.21E, h0km, ML2.5, Unknown
HEN 22 12:03:51.5-0.1, 59.01N;18.15E, h0km, ML1.9, Explosion
DKL 22 12:03:51.0-0.4, 58.99N;18.21E, h0km, ML2.5(UPP),
Explosion

IDC 22 12:03:54.6-1.7, 59.28N;18.09E, h0km, mbtmp3.0/4,
ML1.9/3, Error ellipse: s-maj=23.0km s-min=6.1km
az=178.0
ISC 22 12:03:50.8-0.8, 59.01N;0.02-18.18E, h0km, n51,
c=1502/68, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NYNU Nynaeshamm, UPP Uppsala, VIKU Vikbolandet, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NOA NORSAR Array B, NOA NORSAR Array B, etc.

NEIC 22 12:08:16.9-2.4, 0.94S;0.06;119.75E;0.06, h10km, 1km,
mb4.6/2.9, Error ellipse: s-maj=10.2km s-min=9.9km
az=111.0
DJA 22 12:08:19.1-0.3, 1.1S;2.1;12.0E, h16km, 2km, M4.7/25,
mB5.3/6, mb4.8/25, ML4.8/20, MwmB4.7/6
IDC 22 12:08:21.8-2.8, 0.97S;119.91E, h58km, 27km, mb4.0/16,
mbtmp4.3/17, ML4.7/1, MS3.5/4, Error ellipse:
s-maj=25.1km s-min=12.9km az=74.0
ISC 22 12:08:19.2-0.4, 0.97S;0.05;119.83E;0.06, h28km, n101,
c=150/96, mb4.7/38, MS3.4/4, Minahassa Peninsula,
Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like APSI Ampana, TTI Tana Toraja, TOLII Tolitoli, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like GTA Gaotai, XLT XLintaoTe, ULN Ulaanbaatar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like RSNC 22 12:16:01.0, 0.5, 2'S, 2'8"W, h10km, M3.9, mb4.3, MG4.9, ML4.3, Mw(mb)4.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries like FORT Forrest, MTN Mantion Dam, KNRA Kununurra, etc.

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Table with columns: IAU, J2000, Name, RA, Dec, Mag, Type, etc. Includes entries for K70, J170, JN10, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes entries for H03N1, NEIC 22, etc.

Table with columns: GO03, Copiap, IAU, RA, Dec, Mag, Type, etc. Includes entries for GO03, Copiap, AC04, etc.

Table with multiple columns containing station names, call signs, frequencies, and other technical details. The table is organized into several vertical sections, each starting with a call sign or station name. The data includes various technical parameters such as frequency, power, and signal characteristics.

TUC TUC	Tucson	69.23 325	P	P	13 25 05.3 +2.2
comp=Z,44nm,1.5s					
TUC TUC	Tucson	69.23 325	P	P	13 25 05.3 +2.2
comp=Z,44nm,1.5s					
ANMO ANMO	Albuquerque	69.24 329	P	I	13 25 05.6 +2.3
comp=Z,93nm,1.9s					
ANMO ANMO	Albuquerque	69.24 329	iP	P	13 25 05.0 +1.8
comp=Z,7.0nm,1.3s					
ANMO ANMO	Albuquerque	69.24 329	P	P	13 25 05.5 +2.3
comp=Z,1.1nm,1.5s					
HNH	Hanover	69.33 359	I	I	13 25 05.7
comp=Z,49nm,1.0s					
NCB	Newcomb	69.65 358	I	I	13 25 07.5
comp=Z,55nm,1.4s					
PIX	Pinacate	70.08 322	I	I	13 25 12.0
comp=Z,58nm,1.5s					
TBI	Tubuai	70.25 253	eS	S	13 34 16.9 -2.9
comp=Z,944nm,30.0s					
TBI	Tubuai	70.25 253	eLR	LR	13 46 34.5
comp=Z,2um,25.8s					
TBI	Tubuai	70.25 253	eT	T	14 42 11.6
comp=Z,5.6nm,0.2s					
N35A	Tabor	70.30 340	I	I	13 25 10.9
comp=Z,64nm,1.1s					
LONY	Lake Ozonia	70.31 357	I	I	13 25 11.4
comp=Z,51nm,1.5s					
WBO	Williamsburg	70.72 357	I	I	13 25 13.2
comp=Z,40nm,0.8s					
SBA SBA	Scott Base	71.10 191	P	P	13 25 16.3 +2.4
comp=Z,90nm,1.4s					
SBA SBA	Scott Base	71.10 191	P	P	13 25 16.3 +2.4
comp=Z,90nm,1.4s					
SBA SBA	Scott Base	71.10 191	P	P	13 25 16.5 +2.6
comp=Z,90nm,1.4s					
SDCO	Great Sand Dun	71.15 332	I	I	13 25 18.7
comp=Z,69nm,1.5s					
MNTQ	Montreal, Queb	71.16 358	I	I	13 25 18.9
comp=Z,65nm,1.2s					
113A	Mohawk Valley	71.17 323	I	I	13 25 16.5
comp=Z,56nm,1.8s					
140A	Norwalk	71.79 345	I	I	13 25 20.1
comp=Z,56nm,1.3s					
DBIC DBIC	Dimbokro	71.90 73	P	P	13 25 19.2 -0.4
comp=Z,32nm,0.8s,baz=223,slow=6.4,SNR=24					
DBIC DBIC	Dimbokro	71.90 73	P	P	13 25 18.6 -1.0
comp=Z,32nm,0.8s,baz=228,slow=34					
DBIC DBIC	Dimbokro	71.90 73	P	P	13 25 19.3 -0.4
comp=Z,212nm,1.5s					
DBIC DBIC	Dimbokro	71.90 73	P	P	13 25 19.0 -0.7
comp=Z,212nm,1.5s					
TRQ	Mont Tremblant	71.91 357	I	I	13 25 20.6
comp=Z,70nm,1.4s					
MVCO	Mesa Verde	72.03 329	I	I	13 25 24.1
comp=Z,80nm,1.4s					
WUAZ	Wupatki	72.06 326	I	I	13 25 24.6
comp=Z,65nm,1.3s					
PPT2	Papeete2	72.44 259	eP	P	13 25 18.6 -4.4
comp=Z,222nm,25.2s					
PPT2	Papeete2	72.44 259	eS	SS	13 39 10.6 -1.4
comp=Z,520nm,27.2s					
PPT2	Papeete2	72.44 259	eLR	LR	13 47 27.8
comp=Z,978nm,27.0s					
PPT2	Papeete2	72.45 259	eLR	LR	13 47 29.2
comp=Z,657nm,28.2s					
PPT	Papeete	72.45 259	LR	LR	13 50 02.5
comp=Z,168nm,18.7s,baz=126,slow=30					
ISCO	Idaho Springs	72.93 333	P	P	13 25 27.3 +1.7
comp=Z,181nm,1.5s					
PFO	Pinyon Flats 0	73.29 322	I	I	13 25 30.5 +2.9
comp=Z,181nm,1.5s					
PFO	Pinyon Flats 0	73.29 322	iP	P	13 25 29.6 +1.9
comp=Z,181nm,1.1s					
SPMN	Marine on St.	73.57 344	I	I	13 25 29.6
comp=Z,28nm,0.8s					
COWI	Conover	73.58 347	I	I	13 25 30.6
comp=Z,55nm,1.4s					
HMU	Henry Mountain	73.67 328	I	I	13 25 34.3
comp=Z,144nm,1.8s					
O20A	White River Ci	74.32 331	I	I	13 25 37.3
comp=Z,58nm,1.2s					
MTPU	Mount Pierson	74.44 327	I	I	13 25 38.5
comp=Z,86nm,1.8s					
SRU	San Rafael Swe	74.51 329	I	I	13 25 38.2
comp=Z,82nm,1.5s					
SZCU	Shurtz Canyon	74.54 327	I	I	13 25 39.4
comp=Z,57nm,1.3s					
E38A	The Farm, Brul	74.58 345	I	I	13 25 36.2
comp=Z,63nm,1.4s					
Q16A	Castle Valley	74.66 329	I	I	13 25 39.6
comp=Z,181nm,1.3s					
PASC	Pasadena Art C	74.67 321	I	I	13 25 39.6
comp=Z,51nm,1.4s					
GSC	Goldstone, Bar	74.73 323	I	I	13 25 40.2
comp=Z,66nm,1.9s					
P17A	Butcher Ranch	74.90 329	I	I	13 25 40.6
comp=Z,70nm,1.3s					
F33A	5 Mile Ranch	75.05 342	I	I	13 25 39.2
comp=Z,63nm,1.6s					
CCAC	Calif City Air	75.29 322	I	I	13 25 43.1
comp=Z,74nm,1.6s					
PRN	Pahroc Range	75.39 325	I	I	13 25 44.2
comp=Z,70nm,1.3s					
TPNV	Topog Spring	75.66 324	I	I	13 25 45.9
comp=Z,82nm,1.4s					
K22A	Casper	75.70 334	I	I	13 25 45.0
comp=Z,109nm,1.8s					
MPU	Maple Canyon	75.75 329	I	I	13 25 45.6
comp=Z,66nm,1.2s					
NLU	North Lily Min	75.90 329	I	I	13 25 46.8
comp=Z,65nm,1.5s					
RSSD	Black Hills	76.01 336	P	P	13 25 44.5 +1.2
comp=Z,46nm,1.5s					
JLU	Jordanelle	76.13 329	I	I	13 25 47.9
comp=Z,137nm,1.9s					
SPR3	Spring Creek 3	76.24 327	I	I	13 25 48.6
comp=Z,99nm,1.6s					
GRAC	Grapevine Rang	76.29 323	I	I	13 25 48.4
comp=Z,62nm,1.6s					
R11B	Troy Canyon, C	76.38 325	I	I	13 25 49.9
comp=Z,99nm,1.6s					
DUG	Dugway, Tooele	76.44 328	I	I	13 25 49.7
comp=Z,96nm,1.6s					
DUG	Dugway, Tooele	76.44 328	P	P	13 25 48.1 +2.3
comp=Z,96nm,1.6s					
Q12A	Willow Creek R	76.56 326	I	I	13 25 50.1
comp=Z,96nm,1.6s					
HWUT	Hardware Ranch	76.98 330	I	I	13 25 52.0
comp=Z,101nm,1.6s					
E28A	Huff	77.02 340	I	I	13 25 50.9
comp=Z,65nm,1.1s					
PDAR	Pinedale Array	77.04 332	P	P	13 25 50.6 +1.4
comp=Z,2.1nm,0.7s,baz=131,slow=6.1,SNR=20					
PDAR	Pinedale Array	77.04 332	LR	LR	13 57 24.9
comp=Z,152nm,20.1s,baz=156,slow=34					
BGU	Big Grassy Mou	77.12 329	I	I	13 25 53.0
comp=Z,68nm,1.6s					
SPUT	South Promonto	77.15 329	I	I	13 25 53.2
comp=Z,68nm,1.6s					
HVU	Hansel Valley	77.67 329	I	I	13 25 55.9
comp=Z,155nm,2.0s					
AHID	Auburn Hatcher	77.71 331	I	I	13 25 56.1
comp=Z,137nm,1.9s					
PMOZ	Porto Moniz, M	77.75 44	eLR	LR	13 53 11.8
comp=Z,297nm,20.0s					
LHV	Little Huntoon	77.83 324	I	I	13 25 57.7
comp=Z,71nm,1.6s					
NVAR	Minna Array Bea	77.85 324	P	P	13 25 54.6 +0.8
comp=Z,5.8nm,0.9s,baz=151,slow=5.9,SNR=49					
NVAR	Minna Array Bea	77.85 324	LR	LR	13 56 03.8
comp=Z,265nm,19.6s,baz=132,slow=32					
comp=Z,5.8nm,0.9s					

ELK	Elko	78.03 327	I	Amb	13 25 58.2
comp=Z,60nm,1.6s					
ELK	Elko	78.03 327	LR	LR	13 56 46.3
comp=Z,672nm,21.0s,baz=142,slow=33					
ELK	Elko	78.03 327	P	P	13 25 56.6 +1.8
comp=Z,672nm,21.0s,baz=142,slow=33					
SUR	Sutherland	78.04 120	LR	LR	13 56 29.4
comp=Z,922nm,18.7s,baz=260,slow=33					
REDW	Red Top Meadow	78.08 332	I	Amb	13 25 58.5
comp=Z,94nm,1.6s					
TPAW	Teton Pass	78.23 332	I	Amb	13 25 58.3
comp=Z,53nm,1.3s					
WAKR	Walker	78.51 323	I	Amb	13 26 01.8
comp=Z,51nm,1.4s					
IMW	Indian Meadow	78.55 332	I	Amb	13 26 01.2
comp=Z,52nm,1.3s					
YERR	Yerington	78.76 324	I	Amb	13 26 02.8
comp=Z,75nm,1.5s					
RLMT	Red Lodge	78.86 333	I	Amb	13 26 02.8
comp=Z,69nm,1.5s					
LAO	LASA Array	79.00 336	I	Amb	13 26 02.8
comp=Z,64nm,1.2s					
ULM	Lac du Bonnet	79.01 344	I	Amb	13 26 00.6
comp=Z,29nm,1.5s					
ULM	Lac du Bonnet	79.01 344	P	P	13 25 59.9 +0.3
comp=Z,8.9nm,0.5s,baz=163,slow=5.6,SNR=20					
ULM	Lac du Bonnet	79.01 344	LR	LR	14 04 45.7
comp=Z,204nm,18.7s,baz=135,slow=39					
ULM	Lac du Bonnet	79.01 344	P	P	13 25 59.0 -0.6
comp=Z,8.9nm,0.5s					
PNTR	Pine Nut	79.03 324	I	Amb	13 26 04.2
comp=Z,134nm,1.7s					
YNE	Yellowstone No	79.06 333	I	Amb	13 26 03.8
comp=Z,74nm,1.3s					
PAHR	Pah Rah Range	79.36 324	I	Amb	13 26 06.0
comp=Z,108nm,1.4s					
MPK	Martis Peak	79.41 323	I	Amb	13 26 06.5
comp=Z,93nm,1.4s					
YHL	Hebgen Lake	79.42 332	I	Amb	13 26 06.6
comp=Z,119nm,1.6s					
AFDM	Forest Hills D	79.67 323	I	Amb	13 26 06.9
comp=Z,59nm,1.7s					
HLUD	Hailey	79.82 330	I	Amb	13 26 08.4
comp=Z,67nm,1.3s					
RAR	Rarotonga	79.90 251	LR	LR	13 52 34.6
comp=Z,51nm,20.8s,baz=321,slow=29					
MFID	Canas Ranch	80.36 329	I	Amb	13 26 11.0
comp=Z,71nm,1.4s					
ORV	Oroville	80.39 323	I	Amb	13 26 11.3
comp=Z,114nm,1.6s					
DLMT	Dillon	80.43 332	I	Amb	13 26 11.4
comp=Z,113nm,1.5s					
SCHO	Schefferville	80.54 2 P	P	P	13 26 08.1 +0.2
comp=Z,30nm,1.2s,baz=183,slow=11					
SCHO	Schefferville	80.54 2 P	LR	LR	14 01 07.3
comp=Z,190nm,21.9s,baz=241,slow=35					
MAW	Mawson	80.63 164	P	P	13 26 09.1 +0.7
comp=Z,72nm,1.0s,baz=214,slow=6.3,SNR=84					
MAW	Mawson	80.63 164	LR	LR	14 02 46.2
comp=Z,480nm,18.9s,baz=233,slow=36					
TSUM	Tsumeb	80.64 107	P	P	13 26 09.0 -0.5
comp=Z,72nm,1.0s					
TSUM	Tsumeb	80.64 107	I	Amb	13 26 21.0
comp=Z,76nm,1.1s					
TSUM	Tsumeb	80.64 107	LR	LR	13 59 45.4
comp=Z,526nm,18.2s,baz=228,slow=34					
TORD	Torodi Ar. Bea	80.70 71	P	P	13 26 08.8 -0.9
comp=Z,80.70 71					
TORD	Torodi Ar. Bea	80.70 71	P	P	13 26 09.1 -0.6
comp=Z,30nm,0.6s,baz=238,slow=5.3,SNR=38					
TORD	Torodi Ar. Bea	80.70 71	LR	LR	14 01 55.7
comp=Z,800nm,18.3s,baz=232,slow=36					
WVOR	Wild Horse Val	80.98 326	P	P	13 26 12.5 +1.8
comp=Z,30nm,0.6s					
HATC	Hat Creek Rad	81.26 324	I	Amb	13 26 15.4
comp=Z,109nm,1.4s					
EGMT	Eagleton	81.44 335	I	Amb	13 26 15.5
comp=Z,66nm,1.2s					
J08A	Circle Bar Ran	81.58 327	I	Amb	13 26 17.4
comp=Z,116nm,1.5s					
KCPM	Cahto Peak	81.62 322	I	Amb	13 26 17.6
comp=Z,91nm,1.2s					
PLID	Pearl Lake	81.72 330	I	Amb	13 26 17.2
comp=Z,93nm,0.9s					
BMO	Blue Mountains	82.14 329	I	Amb	13 26 19.9
comp=Z,51nm,1.4s					
KMPM	Mount Pierce	82.43 322	I	Amb	13 26 21.5
comp=Z,38nm,1.2s					
YBH	Yreka Blue Hor	82.57 324	LR	LR	14 00 08.7
comp=Z,217nm,19.7s,baz=149,slow=34					
I07A	Izee	82.62 327	I	Amb	13 26 22.9
comp=Z,66nm,1.5s					
JCC	Jacoby Creek,	82.65 322	I	Amb	13 26 23.1
comp=Z,59nm,1.4s					
K04D	Chiloquin, OR	82.70 325	I		

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

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

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

Table with columns: ID, Name, Azimuth, Elevation, Type, Status, Time, Res. Includes entries like H03N2 Juan Fernandez, H03N1 Juan Fernandez, DZM Mont Zemaac, etc.

DNK 22 15:02:44.9.1.5.59:01N:18:23E, hOkm, ML3.0, Explosion
UP 22 15:02:44.4.0.1.59:00N:18:20E, hOkm, ML2.9, Unknown
HEL 22 15:02:45.0.0.1.59:01N:18:14E, hOkm, ML2.9, Explosion

Suspected explosion
IDC 22 15:02:47.6.1.8.59:22N:18:11E, hOkm, mbtmp3.1/4, ML2.0/4, Error ellipse: s-maj=23.6km s-min=6.6km az=178.0

ISC 22 15:02:44.3.0.8.59:00N:0:02:18:19E:0:02, hOkm, n70, e097/87, Sweden

Main table listing station names, azimuth, elevation, phase ID, and time/resolution for various stations like NYNU, NRTU, UPPS, etc.

HEL 22 15:22:38.8.0.1.59:01N:18:09E, hOkm, ML1.8, Explosion
UP 22 15:22:38.4.0.1.59:00N:18:20E, hOkm, ML2.4, Unknown
DNK 22 15:22:38.8.0.4.59:00N:18:21E, hOkm, ML2.4(U), Explosion

IDC 22 15:22:41.8.2.1.0.59:23N:18:15E, hOkm, mbtmp3.7/2, ML1.8/4, Error ellipse: s-maj=26.8km s-min=6.9km az=177.0

ISC 22 15:22:38.5.0.8.59:00N:0:03:18:22E:0:03, hOkm, n45, e1909/57, Baltic Sea

Main table listing station names, azimuth, elevation, phase ID, and time/resolution for various stations like NYNU, NRTU, UPPS, etc.

Main table listing station names, azimuth, elevation, phase ID, and time/resolution for various stations like TPIG, NEUV, PLIG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAND, LCR2, BRDY, MNHN, SGCY, ABTX, POST, DKN5, AMTX, DUNE, TUL3, ANMO, USBA, T42A, WVT, PVCO, NVAR, PLID, H03N2, H03N1, H03N3, ILAR.

NOU 22:16:01.40,6,23:35S:179:22W, h548km, mb4.2/16, South of Fiji Islands
IDC 22:16:01.45,8,1.4,23:80S:179:88E, h526km, 14km, mb3.4/10, mbtmp4.2/11, Error ellipse: s-maj=18.8km s-min=14.8km az=106.0
NEIC 22:16:01.46,0,1.7,24:0S:0:1x180:0E:0.1, h523km, 9km, mb4.3/22, Error ellipse: s-maj=20.2km s-min=17.5km az=207.0
ISC 22:16:01.47,7,0.5,23:32S:0:07-179:9E:0.1, h550km, n81, s1538/87, mb3.9/18, 4C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO, GLKZ, MSVF, PINNC, OUZ, KUZ, WIAZ, MBX, MIKAZ, HAZ, PKGZ, RUGZ, URZ, URZ, URZ, MWZ, RTZ, HIZ, HIFZ, BFZ, BFZ, BFZ, MWZ, CTW, HNSWZ, SNZQ, QNZ, TUWZ, KHZ, LTZ, MGZ, RPZ, JCZ, CTA, CTAA, STKA, BBOO, BBOO, BBOO, MULG, AS31, ASAR, ASAR, WRO, WB2, WB0, WRA, WRA, WRA, WRO, FORT, FORT, KNRA, FITZ, QSPA, QSPA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BELA, MAW, MG03, SNAAS, SNAAS, SNAAS, NVAR, VNA3, VNA2, CMAR, TMUT, TXAR, PDAR, E22K, D22K, MKAR, KURBR, BVAR, ARCES, FINES, FINES, HFS, AKASO, BRTR, MMAI, EKA.

IDC 22:16:03.43,2,1.9,1:23N:98:09E, h0km, mb4.1/8, mbtmp4.1/9, ML4.7/1, MS3.6/1, Error ellipse: s-maj=87.3km s-min=18.2km az=56.0
DJA 22:16:04:01.9,0.4,2:1N:2:9'E, h120km, 5km, M4.0/13, mb4.0/11, MLV4.1/13
NEIC 22:16:04:02:1,2,7:1:99N:0:08:98:97E:0:05, h128km, 8km, mb4.3/13, Error ellipse: s-maj=12.3km s-min=5.2km az=155.0
ISC 22:16:04:01.4:0.7,1:95N:0:04:98:96E:0:05, h127km, 7km, n45, s1515/48, mb4.1/15, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RPSI, PSI, GSI, KCSI, PCSI, BKNI, BKNI, SNI, PDSI, IPM, IPM, SISI, MSLI, KULM, KULM, CHMR, TOLIZ, LUWI, H08S2, H08S3, H08S1, FITZ, KNRA, MORW, WB0, WRA, WRA, WRA, WB2, WRO, AS31, ASAR, ASAR, FORT, MKAR, KURBR, STKA, ZALV, BVAR, ABKAR, FURI, FINES, QSPA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KNET, NNC, KRNET, SOME, ISC, UCH, UCH, UCH, UCH, KBK, KBK, KBK, AAK, AAK, AAK, AAK, FRU1, FRU1, CHMS, CHMS, CHMS, CHMS, ARLS, ARLS, EKS2, EKS2, EKS2, EKS2, TKM2, TKM2, TKM2, TKM2, BOOM, BOOM, BOOM, BOOM, USP, USP, USP, USP, SGDS, SGDS, KST, KST, KST, KST, ULHL, ULHL, ULHL, ULHL, DGS, DGS, DGS, DGS, MRKS, MRKS, MRKS, MRKS, NRN, NRN, MTBS, MTBS, MTBS, MTBS, MTBS, MTBS, KRBS, KRBS, KRBS, MNAS.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

NEIC 22 16:40:18.4, 2.0, 25.52S, 0.09, 177.1W, 0.1, h105km, 12km, mb4.3/10, Error ellipse: s-maj=19.5km s-min=12.5km az=100.0

ICD 22 16:40:25.7, 3.4, 25.29S, 177.46W, h160km, 29km, mb3.8/8, mbtmp4.3/10, MS3.1/4, Error ellipse: s-maj=23.7km s-min=15.8km az=84.0

ISC 22 16:40:25.6, 0.7, 25.49S, 0.08, 177.5W, 0.1, h160km, n44, s1848/35, mb4.2/17, S, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

ICD 22 16:57:41.3, 5.3, 13.96N, 93.77E, h0km, mb3.3/2, mbtmp3.1/3, ML3.4/1, Error ellipse: s-maj=105.9km s-min=36.4km az=111.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

NEIC 22 17:00:00.3, 2.6, 16.92N, 0.08, 94.62W, 0.03, h120km, 9km, mb4.2/24, MD4.5/119(MEX), Error ellipse: s-maj=11.5km s-min=4.5km az=189.0

MEX 22 17:00:01.3, 0.8, 16.89N, 94.64W, h115km, 8km, MD4.5, ISC 22 16:59:59.5, 0.8, 16.90N, 0.04, 94.60W, 0.04, h131km, 9km, n120, s2816/188, Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

ICD 22 17:02:49.5, 0.8, 28.96N, 139.46E, h401km, 11km, mb3.1/11, mbtmp3.9/13, Error ellipse: s-maj=21.1km s-min=11.4km az=82.0

JMA 22 17:02:50.8, 0.2, 29.1N, 2.14E, h467km, MV3.9/25, NEAR TORISHIMA IS

ISC 22 17:02:52.4, 0.7, 29.03N, 0.07, 139.9E, 0.1, h450km, n27, s2956/32, mb3.4/11, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like MJAR Matsuhiro Arr, ASAJ Asahikawa, KLR Kuldur, etc.

IDD 22 17:08:39.8-4.0, 161°18N-121°09E, h0km, mb3.2/3, mbmtp3.2/3, Error ellipse: s-maj=398.4km s-min=29.3km az=62.0, Luzon

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

IDD 22 17:15:59.7-1.49, 0.678S-160°71E, h0km, mb3.8/3, mbmtp3.2/3, Error ellipse: s-maj=250.0km s-min=125.4km az=46.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like WRA Warramunga Arr, STKA Stephens Creek, ASAR Alice Springs, etc.

NEIC 22 17:30:22.1-2.3, 36°53N-0°01'01.98"969W, h0km, mb3.2/3, Error ellipse: s-maj=2.6km s-min=1.8km az=146.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like NOKA Waynoka, OK038 West end E0370, ELIS Ellis County, etc.

FUNV 22 17:31:08.5, 11°04N-61°98W, h114km, MW3.5 TRN 22 17:31:08.3, 11°05N-62°05W, h107km, MD2.8, North of the Paria peninsula.

ISC 22 17:31:05.3-1.6, 10°38N-0°04-62.03W-0.06, h130km, 12km, n16, s198/30, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like TCE Chachacare, PSMG Mucurapo Girls, TRN Trinidad (W), etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like MERV Luepa, LUEV Luepa, BENV Bein, etc.

IDD 22 17:43:21.8-2.7, 8°24S, 116°86E, h0km, mb3.8/3, mbmtp3.9/4, ML3.7/1, Error ellipse: s-maj=49.3km s-min=21.4km az=115.0

NEIC 22 17:43:22.6-1.6, 8°35S-0°1'x116°77E-0.07, h10km, 2km, mb4.1/6, Error ellipse: s-maj=19.5km s-min=11.3km az=352.0

DJA 22 17:43:23.9-0.6, 8°S-5°11'7E, h11km, 6km, M4.2/12, mb4.4/5, MLV4.1/12

ISC 22 17:43:22.4-0.8, 8°38S-0°07'x116°77E-0.05, h10km, n39, s150/40, mb4.0/3, Sumba

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like KLINI Mataram, PLAI Plampang, SRIBI Singaraja, etc.

WRA Warramunga Arr 20.53 126 P 17 48 02.2 +1.1 comp=Z, 1.6nm, 0.4s

WRO Warramunga Arr 20.70 126 P 17 48 03.6 +0.6 comp=Z, 1.6nm, 0.4s

ASAR Alice Springs 22.37 135 P 17 48 20.5 -0.5 comp=Z, 2.5nm, 0.7s

ASR1 Alice Springs 22.37 135 P 17 48 21.7 +0.7 comp=Z, 2.5nm, 0.7s

ASAR Alice Springs 22.37 135 P 17 48 22.1 +1.1 comp=Z, 2.5nm, 0.7s

FOR Forest 24.66 156 P 17 48 44.4 +1.0 comp=Z, 1.3nm, 1.2s

BBOO Buckleboo 30.17 146 P 17 49 33.2 +0.3 comp=Z, 1.3nm, 1.2s

STKA Stephens Creek 32.85 139 P 17 49 56.6 +0.1 comp=Z, 2.5nm, 1.4s

STKA Stephens Creek 32.85 139 P 17 49 57.9 +1.4 comp=Z, 2.0nm, 0.4s

CPUP Villa Florida 145.03 189 PKPbc PKPbc 18 03 00.8 +0.7 comp=Z, 1.6nm, 0.7s

ISC 22 17:58:57.4-287.0, 30°99N-133°14E, h0km, Error ellipse: s-maj=165.5km s-min=99.7km az=89.0, Southeast of Shikoku

ISC 22 18:04:01.9, 39°59N-26°07E, h5km, ML2.6/21 AFAD 22 18:04:02.0-5.0, 39°59N-26°12E, h6km, 1km, ML2.3

THE 22 18:04:02.6, 39°60N-26°07E, h2km, 2km, ML2.4/5, Error ellipse: s-maj=2.5km s-min=0.4km az=92.0

ATH 22 18:04:03.3, 39°57N-26°04E, h12km, 1km, ML2.4/7, Error ellipse: s-maj=2.0km s-min=0.2km az=204.0

ISC 22 18:04:02.7-0.9, 39°58N-0°02-62.08E-0.02, h8km, 7km, n67, s192/93, 2C-50, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like KOCA Canakkale, Ayyv, BOZC Bozcaada, EZNE Ezine-Canakkal, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like ECEA Canakkale, ECEA ECEA, ECEA comp=N, 479nm, 0.6s, etc.

GADA Gvkgada 0.62 347 P 18 04 14.5 -0.3 comp=N, 230nm, 0.9s

LIA Limnos Island 0.76 295 P 18 04 17.1 -0.2 comp=N, 448nm, 0.5s

LIA Limnos Island 0.76 295 P 18 04 17.2 -0.2 comp=N, 901nm, 0.4s

BUHA Balikesir, Bu 0.78 96 P 18 04 17.3 -0.4 comp=E, 924nm, 0.5s

BUHA Balikesir, Bu 0.78 96 P 18 04 17.3 -0.4 comp=E, 131nm, 0.4s

BUHA Balikesir, Bu 0.78 96 P 18 04 17.3 -0.4 comp=E, 106nm, 0.3s

DKL Dikili 0.82 128 P 18 04 18.6 +0.1 comp=N, 106nm, 0.3s

GELI Tayfur-Gelibolu 0.87 20 P 18 04 18.9 -0.6 comp=N, 124nm, 0.4s

SMTH Samothraki Isl 0.98 335 P 18 04 21.3 -0.3 comp=N, 90nm, 0.8s

ZEDA ZEDA 0.99 128 P 18 04 21.1 -0.7 comp=E, 81nm, 0.4s

ZEDA ZEDA 0.99 128 P 18 04 21.1 -0.7 comp=N, 105nm, 0.5s

FOCM Foa 1.01 149 P 18 04 21.6 -0.4 comp=N, 379nm, 0.3s

ERIK Eriki-Kesan 1.14 17 Pn 18 04 23.4 -1.2 comp=N, 62nm, 0.6s

ENEZ Enez 1.15 3 Pn 18 04 24.2 -0.7 comp=N, 105nm, 0.5s

CHOS Chios island 1.19 181 P 18 04 24.7 -0.9 comp=N, 105nm, 0.5s

CHOS Chios island 1.19 181 P 18 04 24.7 -0.9 comp=N, 105nm, 0.5s

BALY Balya 1.20 82 P 18 04 25.5 -0.3 comp=N, 105nm, 0.5s

BALY Balya 1.20 82 P 18 04 25.5 -0.3 comp=N, 105nm, 0.5s

SOMA Soma-Manisa 1.21 110 Pn 18 04 25.6 -0.3 comp=N, 105nm, 0.5s

KRBG Karabiga-Canak 1.24 49 Pn 18 04 25.5 -1.0 comp=N, 79nm, 0.9s

STEP BALIKESIR_Sava 1.29 99 S 18 04 25.5 -0.7 comp=N, 91nm, 0.7s

STEP STEP 1.29 99 S 18 04 25.5 -0.7 comp=N, 91nm, 0.7s

ALN Alexandroupoli 1.31 359 Pn 18 04 26.7 -0.7 comp=N, 161nm, 0.4s

ALN Alexandroupoli 1.31 359 Pn 18 04 26.7 -0.7 comp=N, 161nm, 0.4s

ALN Alexandroupoli 1.31 359 Pn 18 04 26.7 -0.7 comp=N, 161nm, 0.4s

ALN Alexandroupoli 1.31 359 Pn 18 04 26.7 -0.7 comp=N, 161nm, 0.4s

GONE Gonen-Balikesir 1.32 69 Pn 18 04 27.4 -0.1 comp=N, 161nm, 0.4s

SKY Skiros Island 1.38 240 Pn 18 04 27.1 -1.2 comp=N, 161nm, 0.4s

BLCB Balceva 1.41 148 Pn 18 04 28.9 -0.2 comp=N, 161nm, 0.4s

THAS Thassos island 1.46 315 Pn 18 04 28.2 -1.2 comp=N, 161nm, 0.4s

THAS Thassos island 1.46 315 Pn 18 04 28.2 -1.2 comp=N, 161nm, 0.4s

MRMT Marmara Adasi 1.55 48 Pn 18 04 30.7 0.0 comp=N, 161nm, 0.4s

EDC Edinick 1.57 60 Pn 18 04 30.9 -0.1 comp=N, 161nm, 0.4s

SUSR Susurluk-Balik 1.59 76 Pn 18 04 31.1 -0.2 comp=N, 161nm, 0.4s

UROR Uzunkopru-Edir 1.60 15 Pn 18 04 31.2 -0.2 comp=N, 161nm, 0.4s

RDO Rodhopi 1.61 345 Pn 18 04 31.6 +0.1 comp=N, 161nm, 0.4s

BAND Balikesir-Ban 1.74 63 P 18 04 34.6 -0.2 comp=N, 161nm, 0.4s

AOS Alonissos-1 1.75 257 P 18 04 38.2 -0.2 comp=N, 161nm, 0.4s

GORD Gortas-Manisa 1.76 112 Pn 18 04 39.4 -0.3 comp=N, 161nm, 0.4s

OUR Ouranopolis 1.78 296 Pn 18 04 33.4 -0.3 comp=N, 161nm, 0.4s

OUR Ouranopolis 1.78 296 Pn 18 04 33.4 -0.3 comp=N, 161nm, 0.4s

AOS2 Alonissos-2 1.78 257 Pn 18 04 33.0 -0.9 comp=N, 161nm, 0.4s

AOS2 Alonissos-2 1.78 257 Pn 18 04 33.0 -0.9 comp=N, 161nm, 0.4s

KYMI Kymi, Euboea I 1.81 239 P 18 04 32.9 -1.2 comp=N, 161nm, 0.4s

KAVA Kavaia 1.85 320 P 18 04 34.0 -0.8 comp=N, 161nm, 0.4s

KCTX Karacabey (Bur 1.88 68 Pn 18 04 35.4 +0.2 comp=N, 161nm, 0.4s

KOKKIOchori Kokkiochori 1.90 15 Pn 18 04 36.2 -0.2 comp=N, 161nm, 0.4s

DION Dionios Attik 2.25 229 Pn 18 04 39.7 -0.5 comp=N, 161nm, 0.4s

AFE Apeiranthos 2.55 190 Pn 18 04 42.6 -1.8 comp=N, 161nm, 0.4s

VOIR 5.90 353 P 18 05 34.9 +4.4 comp=N, 161nm, 0.4s

MLR Muntele Rosu 5.91 359 P 18 05 35.3 +4.7 comp=N, 161nm, 0.4s

SPBR Spubele 6.18 4 P 18 05 38.4 +0.3 comp=N, 161nm, 0.4s

PLOR Plostina 6.25 15 Pn 18 05 39.2 -0.2 comp=N, 161nm, 0.4s

VRI Vriociaia 6.30 4 P 18 05 39.9 +4.0 comp=N, 161nm, 0.4s

FUNV 22 18:12:51.5, 11°23N-62°04W, h136km, MW4.0 TRN 22 18:12:51.7, 11°25N-62°18W, h118km, MD3.4, North of the Paria peninsula.

ISC 22 18:12:49.2-1.4, 11°20N-0°04-62.13W-0.05, h140km, 10km, n27, s193/45, 2C-20, Windward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like TCE Chachacare, PSMG Mucurapo Girls, TRN Trinidad (W), etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MERV Las Mercedes, LUEV Luepa, BENV Bein, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MAK2 Makanchi, KURK Kurchatov, KURK Kurchatov, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SUR Sutherland, LBTB Lobate, MDP Montañas, etc.

IDC 22 18:15:44.9, 7.2, 22.23S; 178.07W, h0km, mb4, 1/4, mbtmp4, 1/4, Error ellipse: s-maj=192.4km s-min=36.9km az=31.0

NEIC 22 18:16:52.5, 1.0, 23.9S; 0.3; 179.9W, 0.2, h57km, 24km, mb4, 2/15, Error ellipse: s-maj=52.2km s-min=24.1km az=198.0

ISC 22 18:16:51.5, 3.2, 24.0S; 0.5; 180.0E; 0.3, h550km, n22, o584/22, mb4, 0/11, South of Fiji Islands

SNET 22 18:30:34.3, 1.5, 11.85N; 88.02W, h16km, 20km, ML2.8

CATAC 22 18:30:35.8, 1.3, 12.00N; 87.96W, h1km, 8km, mb5.0, ML3.4

ISC 22 18:36:34.1, 1.9, 11.96N; 0.0; 78.95W; 0.05, h14km, 11km, n34, c197/40, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PINNC Pines Island, OZM Mont Dzumak, ARMA Armaidale, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CSGN Cosiguina Volc, CRIN San Cristobal, INTP Intipuca, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SDV Santo Domingo, MMAL Meron Ar, VRAC Vranov, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WR0 Warramunga, WRA Warramunga Arr, WRA Warramunga, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CNCH Conchagua, CNGA AI SSO del Vol, CNGA Cerro Negro, etc.

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

NEIC 22 18:25:54.8, 0.9, 42.24N; 0.05; 143.2E; 0.2, h67km, 4km, mb4, 0/8, Error ellipse: s-maj=18.9km s-min=6.4km az=98.0

IDC 22 18:25:55.5, 3.7, 42.30N; 143.10E, h70km, 19km, mb3.6/7, mbtmp3.8/8, MS2.2/1, Error ellipse: s-maj=56.6km s-min=19.5km az=98.0

NIED 22 18:25:57.4, 42.33N, 143.01E, h53km, MW3.6, Moment Tensor Solution, s3 Moment tensor: Scale 1014Nm; Mw: 2.27; Mw-0.14; Mw-2.13; Mw: 1.25; Mw: 1.71; Fault plane solution: Ms: 3.29000x1014 NPT: 34.00000; s65.00000; 198.00000; NP2: s196.00000; s26.00000; 174.00000

JMA 22 18:25:55.7, 0.2, 42.3N; 0.6; 143.0E; 0.6, h53km, 1km, MV3.5/35, HIDEKA MOUNTAINS REGION

JMA Fv1.1 at HIDEKA MOUNTAINS REGION, ISC 22 18:25:54.9, 0.7, 42.27N; 0.04; 143.04E; 0.05, h64km, 5km, n49, c085/54, mb3.9/12, 5D, Hokkaido region

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JTHR Tokachihoro, JTHR Tokachihoro, JNBK Urakawa-nobuka, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SCLA Alcalá de los Rios, LIMN Finca el Limon, JAYA Jayaque-finc, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, ULM L'au du Bonnet, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JTM Tenbaysahi, YSS Yuzh-Sakhalins, JMM Marumori, etc.

IDC 22 18:31:48.4, 1.4, 6.64S; 12.62W, h0km, mb4, 0/8, mbtmp4, 0.9, ML3.4/1, MS3.8/50, Error ellipse: s-maj=103.0km s-min=20.9km az=104.0

GCMT 22 18:31:53.0, 0.2, 6.86S; 0.02; 12.73W; 0.01, h18km, 1km, MW4.9/113, Moment Tensor Solution, s41, c46; s113, c160; Duration: 0 Moment tensor: Scale 1016Nm; Mw: 0.35; Mw: 1.32; Mw: 1.71; Mw: 1.9; Mw: 1.9; Mw: 2.33; Mw: 0.12; Mw: 0.12; Best double couple: Ms: 2.78000x1016 NPT: s73.00000; s90.00000; 14.00000; NP2: s343.00000; s86.00000; 180.00000; 2.92860; 2.92860; Azm299.00000; N -0.3940; Plg86.00000; Azm78.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

ISC 22 18:31:50.5, 1.2, 6.65S; 0.2; 12.5W; 0.5, h10km, n55, c155/12, mb4, 2/8, MS3.9/49, CS, Ascension Island region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H1N2 WAKE ISLAND Hy 30.19 131, H1N1 WAKE ISLAND Hy 30.10 131, H1N3 WAKE ISLAND Hy 30.21 131, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DBIC Dimbokro, DBIC Dimbokro, BBTS Babate, etc.

MOS 22 18:35:34.5, 1.2, 21.34S; 174.23W, h21km, mb5.0/19, Error ellipse: s-maj=11.0km s-min=9.1km az=60.5

BUI 22 18:35:55.0, 0.2, 21.06S; 173.74W, h8km, mb5.3/35, mb5.3/15, Ms4.9/2, Ms7.4/7.1

NEIC 22 18:35:36.5, 2.4, 21.33S; 0.0; 173.92W; 0.09, h10km, 1km, mb5, 1/160, Error ellipse: s-maj=15.5km s-min=9.7km az=19.0

NOU 22 18:35:40.6, 2.1, 34S; 173.76W, h45km, mb5.0/53, Tonga Islands

IDC 22 18:35:48.0, 2.4, 21.38S; 174.37W, h89km, 20km, mb4.5/18, mbtmp4, 8/21, MS3.9/20, Error ellipse: s-maj=15.8km s-min=12.0km az=133.0

ISC 22 18:35:37.1, 0.7, 21.46S; 0.05; 173.88W; 0.05, h16km, 3km, h16km; pp-P, n800, c164/766, mb5.1/138, MS4.0/21, 58C-412, Tonga Islands

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

22d 18h

Table with columns: Station, Name, Time, Status, and Value. Includes stations like QNTNC, DZM, DZM, DZM, etc.

2018 SEP

Table with columns: Station, Name, Time, Status, and Value. Includes stations like QIS, BBOO, BBOO, etc.

1482

Table with columns: Station, Name, Time, Status, and Value. Includes stations like FBJS, BBJI, LPIG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FETA, ABTA, BOVS, etc.

IDC 22 18:37:46.4,6.6,7.68S,-117.1W,h0km,mb3.9/2, mbtmp4.0/3,ML3.5/1,Error ellipse: s-maj=525.9km s-min=118.7km az=121.0,Ascension Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DBIC, TORO, AKASG, etc.

ATH 22 18:52:42.2,39.25N,-22.99E,h9km,1km,ML1.9/8, Error ellipse: s-maj=1.8km s-min=0.9km az=147.0, Greece

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NEO, AXAR, AOS2, etc.

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

BUI 22 19:16:50.1,0.0,7.11S,-130.60E,h101km,mb4.8/54, mb4.9/14

MOS 22 19:16:50.2,0.8,6.68S,-130.50E,h72km,mb5.2/25, Error ellipse: s-maj=11.3km s-min=5.9km az=122.2

NEIC 22 19:16:53.0,1.8,6.70S,-130.48E,0.06,h80km,3km, mb5.0/67,Error ellipse: s-maj=9.6km s-min=8.0km az=65.0

DJA 22 19:16:52.4,0.2,7.5S,-131.1E,h89km,3km,ML4.8/15, mb5.0/15,mb5.1/9,MLV5.2/3,Mv(mb)4.4/9,MvMwp6.1/1, Mwp6.1/1

ISC 22 19:16:52.9,0.5,6.79S,-130.52E,0.04,h88km,4km, h380,r137/390,mb4.9/86,16C-7D, Banda Sea

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

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CM31, CM31, CM31, etc.

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NJ2, NJ2, NJ2, etc.

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

IDC 22 19:16:42.2,0.5,6.77S,-130.41E,h0km,mb4.6/15, mbtmp4.7/18,ML4.9/2,MS3.4/10,Error ellipse: s-maj=29.2km s-min=12.7km az=74.0

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

0.1nm,0.6s
NVAR Mina Array Bea 83.09 52 P P 19 45 50.6 +0.1

KRSC 22 19:37:44.4:1.1, 48°46'N, 156°18'E, h31km, 1.7km, MI3.8, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SKR Severo-Kuril's, KDR Khodutka, KDR MTRV, GRL Gorely, KRMR Karmyshinskiy, UGLF Ugllovaya, SMAR Somma, KRER Koryakskii, SDLR Sedlovina, KRX Arid, GNL Ganaly.

IDC 22 19:42:44.6:2.6, 21°38'S, 178°07'W, h404km, 25km, mb3.3/8, mbtmp4.0/9, Error ellipse: s-maj=30.3km s-min=16.9km az=139.0

ISC 22 19:42:45.1:0.8, 21°45'S, 178°20'W, 0.2, h412km, n15, e1505/14, mb3.6/8, 1C, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MSVF Nonsauv, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, GQSA South Pole Qui, PETK Petropavlovsk, YBH Vreka Blue Hor, NVAR Mina Array Bea, VNA3 Neumayer Olymp, TXAR Lajitas Array, BVAR Borovoye Array, AKASA Malin Array Bea, BRTR Keskin Array B, MMAI Mount Meron Arr, GERES GERES Array B.

VIE 22 19:48:09.1:0.9, 49°75'N, 18°48'E, h0km, mb2.5/6, ml2.3/8, Error ellipse: s-maj=6.9km s-min=5.1km az=94.0, Suspected Mining induced.

IPEC 22 19:48:09.6:0.3, 49°52'N, 18°56'E, h1km, ML2.1/5, Error ellipse: s-maj=2.0km s-min=1.7km az=59.0

PRU 22 19:48:11.0, 49°80'N, 18°49'E, h0km, Mining Induced Event Csm, E=3.0e+05

ISC 22 19:48:10.0:0.8, 49°75'N, 18°51'E, 0.03, h151e, h0km, n33, e071/57, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include OKC Ostrava-Krasne, MAUC Maruska, MORC Moravsky Berou, MORC Losov, LOSC Losov, ANAC Anensky vrch, ANAC Velka Javorina, LANS Lanskytva Anna, LANS Lans, LANS Velka Javorina, NIE Niedzica, NIE Vyhne, VYHS Vranov, VRAC Vranov, VRAC Dobruska-Polom, KRUC Moravsky, KRUC Modra-Piesok, MODS Modra-Piesok, MODS Ujpec, UJPC Ujpec, CHVC Chvalec, CHVC Ksiaz, KSP Ksiaz, KECS Kecovo, KECS Cervenica-Dubn, GPCV GO Pecny, Ondr, GPCV RONA, RONA Rosalia, Ausr, RONA Conrad Observa, CONA Conrad Observa, CONA Pruhonice, PRU Pruhonice, PRU Kolonickie sedl, KOLS Kolonickie sedl, ZVC Zvikov, CKRC Cesky Krumlov, BRG Berggiesshubel, BRG Berggiesshubel, KHC Kasperske Hory, KHC KHC, MOA Molin, MOA Molin, MOA Bad Ischl, Aus, BIOA Bad Ischl, Aus.

BIOA comp=2.4, 1nm, 0.3s eSn Sn 19 49 55.1 -0.7

KBA Koenlreinsberg 4.36 234 eSn Sn 19 50 08.8 -0.3

LESA Schwarzeleota 4.51 241 eSn Sn 19 50 12.9 0.0

WTTA Wattenberg 5.20 244 eSg Sg 19 50 57.6 +0.6

IDC 22 19:53:13.2:1.4, 48°85'S, 123°73'E, h0km, mb4.0/5, mbtmp4.0/5, MS3.3/5, Error ellipse: s-maj=100.5km s-min=19.2km az=109.0

ISC 22 19:53:14.5:1.4, 48°85'S, 123°55'E, 0.6, h13km, n18, e154/8, mb4.1/7, MS3.2/4, 4C, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, NWAOW Narrogin (SRO), STKA Stephens Creek, STKA Stephens Creek, GQSA South Pole Qui, GQSA South Pole Qui, KAPI Kappang, TROLL Troll, Antarti, SNAASanae, SNAASanae, VNA2 Neumayer-Watz, VNA3 Neumayer Olymp, H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, CMAR Chiang Mai Arr.

IDC 22 19:59:56.3:5.3, 15°28'S, 173°77'W, h0km, mb3.9/3, mbtmp3.9/3, Error ellipse: s-maj=408.5km s-min=29.5km az=150.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea.

JMA 22 20:22:05.8:0.2, 30°N, 1°13'9"E, h486km, MV3.7/36, NEAR TORISHIMA IS

IDC 22 20:22:07.5:1.7, 29°64'N, 138°95'E, h458km, 15km, mb3.0/12, mbtmp3.9/17, Error ellipse: s-maj=24.8km s-min=21.2km az=85.0

ISC 22 20:22:06.0:0.7, 29°65'N, 139°14'E, 0.10, h445km, n32, e174/39, mb3.3/12, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JHU Hachioji jima, JHU Chichi jima, CBJJ Chichi jima, JCY Chichijima, JCY Tanabenahech, JIE Ise, BSO1 Boso, BSO2 Boso, JOD2 Jodo, JNY Yano, JHU Hanu, JHU Ryogang san, JRY Yato, JAT Ashikaga, MJAR Matsushiro Arr, JHO Hitachi, JHS Saijio, JFK Kawachi, JNK Nakatsu, KRSR Korea Arr, USRK Utsuriysk Ar, CMAR Chiang Mai Arr, ZALV Zalesovo Beam, MKAR Makanchi Arr, MKAR Makanchi Arr, KURBB Kurchatov Arr, WRA Warramunga Arr, BVAR Borovoye Array, ARCES ARCES Array B, FINES FINESS Array B, HFS Hagfors, NOA NORRAR Array B, NVAR Mina Array Bea, BRTR Keskin Array B.

JMA 22 20:24:00.1:0.1, 26°7'N, 0°5'129'7E, 0.5, h52km, MV3.1/24, NEAR OKINAWAJIMA ISLAND

IDC 22 20:24:07.0:8.3, 27°02'N, 130°63'E, h83km, 104km, mb3.2/4, mbtmp3.5/5, ML3.4/1, MS2.5/2, Error ellipse: s-maj=127.9km s-min=22.5km az=66.0

ISC 22 20:24:00.5:1.5, 26°7'N, 0°4'129'69E, 0.04, h58km, 35km, n26, e096/31, mb3.5/4, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JYRO Yoronijima, JOKE Okinoerabujima, JTK Tokunoshima, JKW Kuniyomi, JNTH Nagotoyohara, JNTH Iheya, JAMN Aminamishikomi, JAMN Kikaishima, JZK Kitadaitoijima, JKDJ Kitadaitoijima, JKDJ Minamidaio 2, JMZ Minamidaio 2, JAZZ Amami Oshima, JMTN Amami Oshima, JMTN Tamagusuku3, JMTN Aguni-jima, JTAG Takarajima, JINI Nishishima, JYAK Yakushimahirau, JYAK Kuchinoerabu, JYAK Minamitane, JYAK Tanegashima 3, JNU Natsukesu, JNU Natsukesu, JNU Chichijima, GUMO Guam, SONM Songino Array, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs.

WEL 22 20:33:01.8:0.2, 39°5'2", 17°5'E, h19km, 2km, M3.3/86, ML3.7/43, MLV3.3/86, Error ellipse: s-maj=0.0km s-min=0.0km az=1.9

NOU 22 20:33:03.4, 39°15'S, 174°75'E, h32km, MLV3.7/11, North Island, New Zealand

ISC 22 20:33:02.0:0.9, 39°21'S, 174°90'E, 0.02, h24km, 8km, n141, e087/129, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include VRZ Vera Road, VRZ Pokaka, PKVZ Pokaka, PKVZ Taurewa, LREZ Lake Rotokare, MHEZ Mangahewa, MHEZ Mangahewa, MHEZ Mangateitei, MTOZ Chateau Observ, MTOZ Far West T-bar, MTRZ Turoa, MAVZ Matarangi, WHVZ Whangaehu Hut, WHVZ West Tongariri, WHVZ Ngauruhoe, DREZ Dargurua, DREZ Wanganui, WNVZ Wahianoa, WNVZ North Ngauruhoe, WNVZ South Ngauruhoe, KRVZ Karewarewa, KRVZ Tukino, PREZ Palmer Road, MNVZ North Ngauruhoe, MNTVZ North Tongariri, MNEZ North Egmont, TMVZ Te Maari, ETVZ East Tongariri, KATZ Kakarama, MOVZ Moawhango, MOVZ Hauri, MOVZ Hauri, HIZ Hauri, HIZ Kahui Hut, KHEZ Kahui Hut, KHEZ Pukeiti, PKE Pukeiti, RAKZ Rangitukia, RAKZ Post Office Rd, WATZ Wairara, HATZ Hinemaiaia, WHTZ Whakaora, TLZ Tolley Road, KUTZ Kaahu Road, OHWZ Ohaeka, TSZ Takapari Road, KWHZ Kaweka Forest, KRHZ Kereru, BKZ Black Stump Fm, BKZ Black Stump Fm, MRHZ Matale Rd, GRRZ Galeata Road, ALRZ Allen Road, HRRZ Handcock Road, POWZ Post Office Rd, HSRZ Hockless Road, MCHZ McNeill Hill, UTU Utuhina, DVHZ Dannevirke, WPHZ Wapukurua, HLHZ Highlands Stat, NMHZ Naumai, RRRZ Republican Roa, MRZ Mangatanioka R, TOZ Tahuroa Road, MHTZ Maungataniwha, PRWZ Port Road, KARZ Kaharoa, KMRZ Kaimai, TARZ Mount Tarawera, OMHZ Omarama, OMHZ Otaki Gorge, OMHZ Otaki Gorge, MKRZ Makatiti, MROZ Muroapanui, ARHZ Arorapa, KAHZ Kahurangi, KIWZ Kaiti Island, LIRZ Lichensteins R, PRHZ Porangahau, PXZ Pawanui, ANWZ Angora Road.

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

ICC 22-20:43:05.5, 3.5, 36.89N; 135.25E, h364km, 51km, mb2.6/1, mbmp3.0/3, Error ellipse: s-maj=150.0km s-min=31.3km az=14.0

JMA 22-20:43:05.6, 0.3, 37.1N; 133.6E, h387km, MV3.1/12, NW OFF HOKURIKU DISTRICT

ICC 22-20:43:05.6, 2.5, 37.2N; 135.8E; 0.2, h400km, n8, 0.694/g, Sea of Japan

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

ISN 22-21:02:02.6, 1.2, 34.69N; 46.27E, h31km, 23km, ML2.6

TEH 22-21:02:02.5, 34.62N; 46.26E, h10km, 25km, ML2.7

ICC 22-21:02:02.7, 1.0, 34.66N; 0.05, 46.24E; 0.05, h12km, 9km, n9, 0.08/85/12, Western Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IDHR, IGHG, KGS1, etc.

ICC 22-21:26:03.7, 4.1, 2.91S; 100.29E, h0km, mb3.6/5, mbmp3.6/5, MS3.2/1, Error ellipse: s-maj=173.0km s-min=22.4km az=55.0

ICC 22-21:26:08.1, 3.2, 2.95S; 100.44E; 0.8, h28km, n18, 0.875/6, mb3.8/5, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H0S2, H0S3, H0S1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H0A3, H0A2, TXAR, etc.

ICC 22-21:57:40.0, 0.9, 51.78N; 178.76W, h0km, mb3.6/10, mbmp3.7/12, ML3.6/2, MS2.6/3, Error ellipse: s-maj=31.7km s-min=17.8km az=176.0

NEIC 22-21:57:41.9, 1.8, 51.7N; 0.2; 178.42W; 0.06, h15km, 3km, mb3.9/15, Error ellipse: s-maj=26.9km s-min=3.6km az=176.0

ICC 22-21:57:41.5, 0.7, 51.78N; 0.1; 178.51W; 0.05, h10km, n45, 0.1825/35, mb3.7/12, Andean Islands

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

SKT Skwentna 17.76 45 Iamb Iamb 22 01 51.3 +1.9

F19K F19K 18.24 27 Iamb Iamb 22 02 55.8 +1.2

E19K E19K 18.83 26 Iamb Iamb 22 02 01.0 -0.1

MLY Manle 19.43 36 P P 22 02 07.2 -0.5

DHY Denali Highway 19.95 44 P P 22 02 15.6 +0.3

ILAR Eielson Array 20.78 39 P P 22 02 22.2 -0.2

E22K E22K 20.82 28 P P 22 02 24.8 -0.5

D22K Ayikyak River 21.05 26 P P 22 02 25.3 0.0

GLB Gilahina Butte 21.12 49 P P 22 02 25.8 -0.4

RIDG Independent RI 21.25 43 Iamb Iamb 22 02 28.1 +0.6

G24K Hadweencz Riv 21.22 34 P P 22 02 31.2 +1.9

ASAJ Asahikawa 26.89 46 LR LR 22 14 40.9

H1N2 WAKE ISLAND Hy 34.01 205 T T 22 40 03.5

H1N3 WAKE ISLAND Hy 34.02 205 T T 22 40 04.2

H1N1 WAKE ISLAND Hy 34.03 205 T T 22 40 04.8

MJAR Matushiro Arr 34.03 261 LR LR 22 15 54.5

H1S1 WAKE ISLAND Hy 35.23 205 T T 22 41 41.2

H1S2 WAKE ISLAND Hy 35.25 205 T T 22 41 38.9

H1S3 WAKE ISLAND Hy 35.25 205 T T 22 41 43.5

NVAR Mina Array Bea 43.32 83 P P 22 05 46.2 +2.6

PDAR Pinedale Array 46.00 73 P P 22 06 06.3 +1.2

SONM Songino Array 46.61 296 P P 22 06 09.7 +0.1

TXAR Lajitas Array 58.41 82 P P 22 07 37.6 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes H03N1, H03N3.

ICC 22-22:15:07.4, 1.4, 26.67N; 129.38E, h0km, mb3.6/5, mbmp3.7/6, ML3.9/1, Error ellipse: s-maj=61.9km s-min=19.3km az=71.0

NEIC 22-22:15:08.3, 2.0, 26.63N; 129.63E; 0.05, h10km, 1km, mb4.2/5, Error ellipse: s-maj=7.9km s-min=4.2km az=237.0

JMA 22-22:15:09.4, 0.1, 26.77N; 0.4; 129.7E; 0.4, h49km, MV3.3/27, NEAR OKINAWAJIMA ISLAND

ICC 22-22:15:08.4, 3.5, 26.71N; 0.03; 129.67E; 0.03, h17km, 23km, n37, 0.1933/58, mb4.0/8, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes JYRO, JOKE, JTK, etc.

JYAK Yakushimahirau 3.59 12 S S 22 16 03.5 +0.1

JYAK Yaku 3.77 7 P P 22 16 05.8 +2.8

JYAK Kuchinoerabu Minamitane 3.83 16 P P 22 16 05.7 -0.2

JYAK Kuchinoerabu Minamitane 3.83 16 P P 22 16 05.7 -0.2

JYAK Kuchinoerabu Minamitane 3.83 16 P P 22 16 05.7 -0.2

JYAK Kuchinoerabu Minamitane 3.83 16 P P 22 16 05.7 -0.2

JYAK Kuchinoerabu Minamitane 3.83 16 P P 22 16 05.7 -0.2

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JYAK Kuchinoerabu Minamitane 3.83 16 P P 22 16 05.7 -0.2

JYAK Kuchinoerabu Minamitane 3.83 16 P P 22 16 05.7 -0.2

JYAK Kuchinoerabu Minamitane 3.83 16 P P 22 16 05.7 -0.2

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like HI2, WTVZ, NN2V, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BBOO, FORT, MTRN, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like IMND, IVRN, IGZV, etc.

NEIC 22 22:20:32.3e,1.3,17.1S:0.1:168.4E:0.2,h212km,9km, mb4,4/9,Error ellipse: s-maj=23.0km s-min=15.5km a=121.0

IDC 22 22:20:34.0s,0.1,17.24S:168.34E,h230km,54km,mb3,7/6, mbmp4,2/7,Error ellipse: s-maj=66.2km s-min=32.4km a=156.0

ISC 22 22:20:29.4,0.9,16.97S:0.08:168.5E:0.2,h200km,n29, $0.95\text{93}\text{2}\text{3},\text{mb4},3/10, \text{Vanuatu Islands}$

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DZM, DZM, DZM, etc.

BUI 22 22:34:41.1,0.0,36.42N:52.58E,h29km,mb4,6/35, mb4,9/10,MS4,2/12,Ms7,3/9/15

MOS 22 22:34:43.0,1.3,36.73N:53.04E,h14km,mb4,8/42,Error ellipse: s-maj=4.6km s-min=3.2km a=42.2

NEIC 22 22:34:44.0,1.7,36.75N:0.09:53.07E:0.08,h10km,1km, mb4,7/59,Error ellipse: s-maj=14.5km s-min=10.4km a=184.0

TEH 22 22:34:44.1,36.65N:52.98E,h16km,40km,ML4,7, IDC 22 22:34:45.8,0.8,36.61N:52.89E,h22km,3km,mb4,3/20, mbmp4,4/30,ML3,9/10,MS3,7/46,Error ellipse: s-maj=16.5km s-min=9.0km a=0.0

NINC 22 22:34:52.2,2.6,37.51N:53.55E,h0km,mb4,6,Error ellipse: s-maj=40.6km s-min=17.6km a=100.0

ISC 22 22:34:44.9,0.5,36.72N:0.04:53.01E:0.03,h20km,1km, h20km:pp-P,n570,0.1997/566,mb4,7/121,MS3,8/42, 36C-41D, Northern and central Iran

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like IALA, IGLO, IPRN, etc.

KBZ Khabaz 10.42 315 P Pn 22 37 14.5 +1.4

KBZ comp=Z,0.6nm,0.3s,baz=152,slow=4.0,SNR=13 22 39 05.2 -4.1

KBZ comp=Z,1.4nm,0.3s,baz=174,slow=9,SNR=2.1 LR 22 42 36.5

KBZ comp=Z,1.1nm,0.5s,baz=138,slow=4.5,SNR=13 22 37 14.4 +0.2

KBZ comp=Z,2.2nm,0.5s 10.63 315eP Pn 22 37 16.6 +1.2

KBZ comp=Z,2.2nm,0.5s 10.63 315eP Pn 22 37 16.6 +1.2

KBZ comp=Z,2.2nm,0.5s 10.63 315eP Pn 22 37 16.6 +1.2

KBZ comp=Z,2.2nm,0.5s 10.63 315eP Pn 22 37 16.6 +1.2

KBZ comp=Z,2.2nm,0.5s 10.63 315eP Pn 22 37 16.6 +1.2

KBZ comp=Z,2.2nm,0.5s 10.63 315eP Pn 22 37 16.6 +1.2

KBZ comp=Z,2.2nm,0.5s 10.63 315eP Pn 22 37 16.6 +1.2

KBZ comp=Z,2.2nm,0.5s 10.63 315eP Pn 22 37 16.6 +1.2

Table with columns: call sign, frequency, power, mode, and other technical details. Includes stations like AB31, ABKAR, AKZB, etc.

Table with columns: call sign, frequency, power, mode, and other technical details. Includes stations like TKM2, LPSR, MDOK, etc.

Table with columns: call sign, frequency, power, mode, and other technical details. Includes stations like AK23, MLR, AK19, etc.

Table with columns: WRA, S, Sn, Time, Res. Rows include WARRAMUNGA ARR, ALICE SPRINGS, STEPHENS CREEK, etc.

Table with columns: MHWZ, S, P, Pn, Time, Res. Rows include TLZ, KUTZ, WHWZ, etc.

Table with columns: KAPI, S, P, Pn, Time, Res. Rows include KAPPANG, BSSI, MKS, etc.

NEIC 23:02:53:37.6±2.0, 38°96'N-02:97°59'W

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include KSU1, R32A, KS21, etc.

INDC 23:03:09:33.2±0.4, 0°41'N-126°16'E

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include BUI, WRO, MOS, etc.

NEIC 23:03:07:19.2±16.0, 31°89'S-179°69'W

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include GLKZ, RIZ, MXZ, etc.

WEL 23:03:07:47.2±0.4, 32°S-4°17'9"E

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include WEL, NOU, etc.

INDC 23:03:09:39.3±0.2, 0°41'N-126°31'E

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include TINTI, GAMT, KMSI, etc.

NEIC 23:03:07:39.0±7.2, 32°56'S-178°00'W

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include PMG, XMS, etc.

NEIC 23:03:07:39.0±7.2, 32°56'S-178°00'W

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include GLKZ, RIZ, MXZ, etc.

INDC 23:03:09:39.3±0.2, 0°41'N-126°31'E

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include TINTI, GAMT, KMSI, etc.

NEIC 23:03:07:39.0±7.2, 32°56'S-178°00'W

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include PMG, XMS, etc.

23d 5h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C. Includes stations like DLMR, BTLR, DVE, LACR, ANN.

GLI 23 05:22:54.9,0.4, 29.321N,0.002:52.414E,0.001,h10km, confirmed
IDC 23 05:22:56.2,0.5, 29.39N,52.00E,h0km,mb4,4/27, mbtmp4.4/35,ML4,1/9,MS3,5/12,Error ellipse: s-maj=13.3km s-min=11.3km az=179.0

Main table of station data for 23d 5h, including codes like KAZZ, SHI, AHB, etc., and their respective coordinates and phases.

2018 SEP

Main table of station data for 2018 SEP, including codes like ASHO, TKDS, ALNE, etc., and their respective coordinates and phases.

1500

Main table of station data for 1500, including codes like HMDT, GEM, DSI, etc., and their respective coordinates and phases.

Table with columns: AAK, Ala-Archa, 22.34, 48, LR, LR, 05 37 04.7, ...

Table with columns: MAKZ, Makanchi, 28.99, 45, P, P, 05 28 58.1+0.4, ...

Table with columns: CTI, Castel Tesino, 35.53, 309, P, P, 05 29 55.2+0.1, ...

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like Camacan, BA, TMB, USHA, etc.

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

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like QSPA, BLOK, BLOK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PDAR Pinedale Array, NVAR Mina Array, ELK Elko, ULM Lac du Bonnet, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG Malin Array, ARCES ARCES Array, MMAL Mount Meron, BRTR Shidzhatmaz, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SATY Saty, KPKS Kokpek, KPKS Kokspek, UZB Uzunbulak, etc.

23d 5h

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

SJA 23 05:44:09.4+0.7, 24:33S:70.15W, h74km, 3km, ML4.1, MW4.1

NEIC 23 05:44:10.2+0.2, 24:35S:0.04, 70.05W:0.07, h61km, 8km, mb4.1/11, ML4.1 (GUC), Error ellipse: s-maj=9.1km s-min=5.4km az=98.0

GUC 23 05:44:11.8+0.6, 24:36S:69.99W, h54km, 2km, ML4.1, IDC 23 05:44:13.2+2.5, 24:31S:69.93W, h79km, 3km, mb3.7/3, mbmp4.1/6, Error ellipse: s-maj=61.0km s-min=21.9km az=120.0

ISC 23 05:44:10.5+0.7, 24:35S:0.03, 70.06W:0.05, h58km, 7km, n83, r182/94, mb4.1/6, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, PB04, etc.

2018 SEP

Main table with columns: AF01, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Pedro de A, AF01, etc.

NEIC 23 05:45:32.1+6.3, 31.0N:0.1:74.21E:0.08, h10km, 2km, mb3.7/8, Error ellipse: s-maj=20.6km s-min=3.9km az=213.0

NDI 23 05:45:41.9+2.4, 31.51N:74.13E, h13km, 21km, ML3.6, MW3.6, mb3.7 (NEIC)

ISC 23 05:45:33.1+1.7, 31.16N:0.05:74.03E:0.05, h10km, 13km, n27, r154/30, 2C, India-Pakistan border region

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

1506

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

IDC 23 05:45:47.2+0.4, 19:55N:71.22W, h0km, mb4.5/28, mbmp4.5/31, ML4.4/3, MS4.7/22, Error ellipse: s-maj=14.0km s-min=10.2km az=48.0

MOS 23 05:45:48.1+1.1, 19.64N:71.22W, h15km, mb5.2/46, MS4.9/9, Error ellipse: s-maj=6.8km s-min=5.1km az=103.7

SSNC 23 05:45:49.3+3.3, 19:70N:71.31W, h10km, 21km, mb5.1, MD4.2, ML5.2

SDD 23 05:45:50.8+3.6, 19:73N:71.30W, h31km, 39km, MD5.1, ML4.7, MW5.2, Fault plane solution: NP1:phi=142.00000, delta=200.000, lambda=138.00000

NEIC 23 05:45:51.0+1.8, 19:65N:0.04:71.27W:0.05, h20km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.28W, h20km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.27W, h22km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.28W, h20km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.27W, h22km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.28W, h20km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.27W, h22km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.28W, h20km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.27W, h22km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.28W, h20km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.27W, h22km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.28W, h20km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.27W, h22km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.28W, h20km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.27W, h22km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.28W, h20km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.27W, h22km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

NEIC 23 05:45:51.1+1.8, 19:65N:71.28W, h20km, 3km, mb5.1/11, Ms. 20.5/1/356, Mw5.1/45, Mw5.2/19, Error ellipse: s-maj=6.8km s-min=5.4km az=59.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn:2.83; Mw:4.14; M2:1.31; M3:-3.76; Mw:1.59; Mw:3.08;

PAPH	Port-au-Prince	1.46 221	Pn	Pb	05 46 17.0 +0.4
PAPH	Port-au-Prince	1.46 221	eP	Pb	05 46 17.6 +1.0
PAPH	comp=N,20um,1.0s		IAML		05 47 00.9
PAPH	comp=N,20um,1.0s		IAML		05 47 00.9
PAPH	Port-au-Prince	1.46 221	eP	Pb	05 46 17.6 +1.0
PODR	Polo	1.46 179	eP	Sg	05 46 17.7 -0.6
PODR			eSg	Sg	05 46 37.3 -0.1
PODR			IAML		05 46 48.8
BANI	BANI	1.52 144	eP	Pb	05 46 17.6 -0.1
BANI			IAML		05 46 46.6
BANI	comp=N,8um,0.3s		IAML		05 46 46.6
BANI	comp=N,79um,0.3s		IAML		05 46 46.6
LOBA2	Hotel Casa Bon	1.56 173	eP	Pb	05 46 18.6 +0.3
BANI1	Bani Escuela	1.63 146	eP	IAML	05 46 54.5
SDD	Santo Domingo	1.76 132	Pn	Pb	05 46 19.5 +0.1
SDD			Sn	Pb	05 46 42.2 -1.0
SDD	Santo Domingo	1.76 132	eP	Sb	05 46 19.9 +0.5
SDD			eSg	Sb	05 46 43.3 0.0
SDD			IAML		05 46 48.1
SDD	comp=N,6um,0.3s		IAML		05 46 48.1
GRTK	Grand Turk	1.87 5	Pn	Pn	05 46 20.8 -0.3
GRTK			Sb	Pb	05 46 45.5 -1.2
GRTK	Grand Turk	1.87 5	eP	Pn	05 46 20.0 -0.1
GRTK			eSg	Pn	05 46 43.6 -0.5
GRTK			IAML		05 46 48.7
GRTK	comp=N,35um,0.6s		IAML		05 46 48.7
GRTK	Grand Turk	1.87 5	eP	Pn	05 46 20.9 -0.1
GRTK			eS	Pn	05 46 44.7 +0.6
GRTK			IAML		05 46 48.0
GRTK	comp=N,26um,0.5s		IAML		05 46 48.7
MIDR	Miches	2.22 107	eP	Pn	05 46 27.4 +1.6
MIDR			eSg	Sb	05 46 54.6 -2.0
MIDR			IAML		05 46 57.6
MIDR	comp=N,17um,0.6s		IAML		05 47 08.9
MIDR	comp=N,7um,0.7s		IAML		05 47 08.3
SPM1	San Pedro Uam,0	2.22 122	IAML		05 47 08.3
SPM1	comp=N,1um,0.9s		IAML		05 47 08.3
SPM1	comp=N,41um,0.9s		IAML		05 47 08.3
HIDR	Higüey Centro	2.65 113	eP	Pn	05 46 33.7 +1.9
HIDR			eSg	Sb	05 47 07.3 -1.8
HIDR			IAML		05 47 13.5
HIDR	comp=N,90um,0.3s		IAML		05 47 13.5
SADR	Isla Saona	2.78 121	eP	Pn	05 46 36.2 +2.7
SADR			eSg	Sb	05 47 10.8 -2.0
SADR			IAML		05 47 28.9
SADR	comp=N,32um,0.7s		IAML		05 47 28.9
MASC	Masc	2.81 281	eP	Pn	05 46 34.1 +0.2
MASC			eS	Sn	05 47 08.6 +1.3
PCDR	Punta Cana, DR	2.98 112	Pn	Pn	05 46 37.8 +1.6
QMBU	Quimbuélo	3.35 280	eP	Pn	05 46 45.1 +0.1
QMBU			eS	Pn	05 47 22.7 +1.0
NMDO	Nuevo Mundo	3.58 285	eP	Pb	05 47 43.9 -0.7
MOAC	Moa	3.59 287	eP	Pb	05 46 49.3 -3.5
MOAC			eS	Sn	05 47 24.2 -2.3
MOAC			IAML		05 47 48.2
MOAC	comp=N,53um,0.7s		IAML		05 47 51.0
GTBY	Guantanamo Bay	3.60 275	Pn	Pn	05 46 45.3 +0.5
GTBY	Guantanamo Bay	3.60 275	iP	Pg	05 46 58.1 -1.0
GTBY	Guantanamo Bay	3.60 275	eP	Pn	05 46 45.4 +0.5
GTBY	Guantanamo Bay	3.60 275	eP	Pn	05 46 45.2 +0.4
GTBY			eS	Sn	05 47 28.8 +1.9
NICP	Nicar	4.12 285	eP	Pn	05 46 50.3 -1.6
AGPR	Aguadilla, PR	4.13 106	Pn	Pn	05 46 52.7 +0.7
AGPR	Aguadilla, PR	4.13 106	eP	Pn	05 46 52.4 +0.4
RCC	Rio Carpintero	4.16 276	eS	Sn	05 46 52.0 +0.5
RCC			IAML		05 47 40.0 -0.5
RCC	comp=N,2um,0.8s		IAML		05 47 50.0
RCC	comp=N,1um,0.9s		IAML		05 47 52.7
PRSN	Puerto Rico Se	4.18 109	Pn	Pn	05 46 53.8 +0.1
PRSN	Puerto Rico Se	4.18 109	IAML		05 48 12.3
CRPR	Cabo Rojo, PR	4.29 112	Pn	Pn	05 46 56.2 +2.0
MARVS	Santiago de Cu	4.35 276	eP	Sn	05 46 45.0 -0.5
MARVS			eS	Sn	05 47 41.7 -3.6
MLPR	Magüeyes Islan	4.36 112	Pn	Pn	05 46 56.4 +1.2
MLPR	Magüeyes Islan	4.36 112	IAML		05 48 13.4
AOPR	Arecibo Obsery	4.49 106	Pn	Pn	05 46 57.1 +0.1
UUPR	Uttao, UPR, P	4.54 107	Pn	Pn	05 46 58.2 +0.4
HLGC	Holguin	4.64 286	eP	Sn	05 47 00.2 +1.0
HLGC			eS	Sn	05 47 55.0 +2.4
EMPR	Esperanza - Ma	4.65 104	Pn	Pn	05 46 59.4 +0.1
OBIP	Obispado Ponce	4.72 109	Pn	Pn	05 47 00.4 +0.2
CLP	Cerrillos	4.73 108	Pn	Pn	05 47 01.4 +1.1
CHIV	Chivrico	4.83 275	Pn	Pn	05 47 01.1 -0.6
CHIV	Chivrico	4.83 275	eP	Pn	05 47 01.2 -0.5
CHIV			eS	Sn	05 47 57.3 +0.2
SJG	San Juan	5.10 106	Pn	Pn	05 47 05.1 -0.4
SJG	comp=N,28nm,0.3s,baz=339,slo=22,SNR=31		Pg	Pg	05 47 17.6 -1.1
SJG	comp=N,137nm,0.3s,baz=329,slo=16,SNR=22		Lg	Lg	05 48 00.7 -3.2
SJG	comp=N,198nm,0.3s,baz=302,slo=19,SNR=7		Lg	Lg	05 48 14.6
SJG	comp=N,634nm,0.3s,baz=174,slo=22,SNR=10		LR	LR	05 48 50.5
SJG	comp=N,2um,20.3s,baz=284,slo=37		comp=N,56um,0.3s		
GCPR	Guaynabo City	5.11 104	Pn	Pn	05 47 05.3 -0.2
IGPR	InterUniversit	5.19 108	Pn	Pn	05 47 06.1 -0.6
PDPR	Patillas Dam,	5.25 107	Pn	Pn	05 47 07.5 0.0
HUMP	Col San Antoni	5.37 105	Pn	Pn	05 47 08.8 -0.3
LMGC	Las Mercedes	5.39 275	eP	Pn	05 47 08.3 -1.1
HQJ	Hope	5.41 283	iP	Pn	05 47 12.3 -1.1
STH	Stony Hill	5.45 254	iP	Pn	05 47 12.5 +2.3
MTDJ	Mount Denham	6.07 258	Pn	Pn	05 47 19.6 +0.8
MTDJ	Mount Denham	6.07 258	iP	Pn	05 47 21.5 +2.7
MTDJ	Mount Denham	6.07 258	iS	Sn	05 48 22.9 -5.0
MTDJ	Mount Denham	6.07 258	IAML		05 49 37.2
MTDJ	Mount Denham	6.07 258	eP	Pn	05 47 20.8 +1.9
MTDJ			eS	Sn	05 48 25.9 -2.0
AUA1	Aruba	7.20 170	Pn	Pn	05 47 36.7 +2.5
HATO	Hato, Curacao	7.75 163	Pn	Pn	05 47 44.1 +2.3
SABA	Saba	7.89 103	Pn	Pn	05 47 44.3 +1.1
SMRT	St. Maarten	7.94 100	Pn	Pn	05 47 43.0 -1.5
CBCV	The Bluff, Cay	7.97 272	eP	Sn	05 47 42.4 -2.5
CBCV			eS	Sn	05 49 09.9 -4.7
MIGV	Manicargua	8.48 288	eP	Pn	05 47 48.2 -3.6
ANWB	Willy Bob	9.23 101	Pn	Pn	05 48 01.1 -1.6
ANBD	Bethesda, Anti	9.61 104	Pn	Pn	05 48 02.5 -2.2
GDHS	Morne Mazeau,	9.67 109	Pn	Pn	05 48 08.0 -0.2
ABD	La Joyeuse, An	9.85 107	Pn	Pn	05 48 10.3 -0.3
CBM	Ff, Capester	9.88 109	Pn	Pn	05 48 11.1 -0.1
CAMR	Camariaoa	9.99 292	Pn	Pn	05 48 11.0 -1.5
CAMR	Camariaoa	9.99 292	eP	Pn	05 48 09.7 -2.8
CAMR			eS	Sn	05 49 54.4 -1.0
MAGL	Barre de l'île	10.22 109	Pn	Pn	05 48 15.5 -0.2
MAGL	Guadeloupe/Mar	10.29 107	Pn	Pn	05 48 15.2 -1.5
H05N1			Sn	Sn	05 50 07.8 -3.8
H05N1			Sb	Sn	05 49 01.4 +1.1
SDV	Santo Domingo	10.71 176	Pn	Pn	05 48 26.4 +3.8
SDV	Santo Domingo	10.71 176	Pn	Pn	05 48 26.4 +3.8
SDV	comp=N,15nm,0.3s,baz=12,slo=7.5,SNR=46		Sn	Sn	05 50 21.2 -0.9
SDV	comp=N,2.8nm,0.3s,baz=354,slo=13,SNR=1.6		Pn	Pn	05 48 24.3 +1.7
SDV	Santo Domingo	10.71 176	eP	Pn	05 48 26.4 +2.0
DFD	Fort de France	10.85 115	Pn	Pn	05 48 26.5 +2.0
DFD	Fort de France	10.85 115	Pn	Pn	05 48 27.3 +0.6
BIM	Biget	11.02 116	Pn	Pn	05 48 27.9 +0.5
ILAM	Illet Lapin Mar	11.07 114	Pn	Pn	05 48 29.2 +1.6
BAUV	El Baul	11.09 163	Pn	Pn	05 48 31.6 -1.8
060A	Indiantown	11.31 316	Pn	Pn	05 48 32.3 +2.2
H05S1	Guadeloupe/Mar	11.27 116	Pn	Pn	05 50 33.5 -2.0
H05S1			Sn	Sn	05 48 33.7 +1.8
PCRV	Puerto La Cruz	11.39 145	Pn	Pn	05 50 21.2 -0.9
PCRV	comp=N,5.4nm,0.3s,baz=293,slo=2.6,SNR=46		Pn	Pn	05 48 24.3 +1.7

PCRV	comp=N,7.2nm,0.3s,baz=133,slo=22,SNR=5.8		Sn	Sn	05 50 31.2 -7.6
PCRV	comp=N,4um,20.7s,slo=37		LR	LR	05 52 49.6
BBSN	Las Esperanzas	14.52 241	Pn	Pn	05 49 04.7 -2.6
ESPNS	Los Chiles	15.00 192	Pn	Pn	05 49 17.1 +2.4
ROSC	El Rosal	15.00 192	Pn	Pn	05 49 22.7 +1.3
ROSC	El Rosal	15.00 192	Pn	Pn	05 49 26.9 0.0
ROSC	comp=N,2.9nm,0.3s,baz=150,slo=12,SNR=13		P	P	05 49 22.7 +1.3
ROSC	El Rosal	15.00 192	P	Pmax	05 49 22.7 +1.3
ACON	Acoyapa	15.37 242	Pn	Pn	05 49 26.2 +0.2
ACON			IAMB	IAMB	05 49 31.5
VTR0	Volcan Trunfal	15.37 233	eP	P	05 49 30.4 -0.6
RAFA	San Farael, Vo	15.45 233	eP	P	05 49 31.8 0.0
LCHIL	Los Chiles	15.50 238	eP	P	05 49 32.5 +0.5
NHSC	New Hope	15.59 311	Pn	Pn	05 49 27.3 -1.4
HEREDIA	Heredia	15.65 234	eP	Pn	05 49 35.4 +1.6
NELY	Ciudad Nely	15.70 228	eP	P	05 49 34.6 +0.4
BELE	Belen	15.72 234	eP	P	05 49 35.6 +1.1
LCR2	La Lucha 2	15.73 233	eP	P	05 49 33.2 -1.6
TC51	Tacares	15.77 235	eP	P	05 49 35.8 +0.8
VACH	Volcan Arenal	15.80 237	eP	P	05 49 36.3 +0.9
SOCE	Pocosol	15.81 236	eP	P	05 49 38.2 -1.6
SOCE			IAMB	IAMB	05 49 38.2
CEDE	Laguna Cededo	15.81 237	Pn	Pn	05 49 36.5 +1.0
TEIG	Tepeich	15.98 275	Pn	Pn	05 49 33.9 0.0
TEIG	Tepeich	15.98 275	Pn	Pn	05 49 34.3 +0.5
TEIG	comp=N,2.7nm,0.3s,baz=337,slo=0.4,SNR=16		Sn	Sn	05 52 22.6 -7.9
TEIG	comp=N,2.0nm,0.3s,baz=139,slo=21,SNR=1.5		LR	LR	05 56 14.8
TEIG	comp=N,19.2s,baz=80,slo=39		comp=N,5.2nm,0.5s		
Y58A	Scranton	16.05 334	Pn	Pn	05 49 32.5 -2.2
Y58A			IAMB	IAMB	05 49 40.9
HORNC	Hornhills	16.06 238	eP	P	05 49 39.7 +1.4
JTS	Las Juntas de	16.12 237	Pn	Pn	05 49 40.5 +1.5
JTS			IAMB	IAMB	05 56 14.3
JTS	comp=N,2.4um,18.9s,baz=82,slo=39		P	P	05 49 39.0 0.0
PIRO	Carate, Puerto	16.14 228	eP	P	05 49 40.2 +1.1
VRLE	La Escondida,	16.16 239	eP	P	05 49 40.6 +1.1
LCR2	La Cruz	16.22 240	eP	P	05 49 42.7 +2.7
Y58A	Rayland	16.48 336	Pn	Pn	05 49 38.2 -1.9
BIRD	Birdtown, Kers	17.02 333	Pn	Pn	05 49 45.0 -1.9
352A	Blakely	17.02 317	Pn	Pn	05 49 46.0 -1.0
JSC	Jenkinsville	17.06 331	Pn	Pn	05 49 45.6 -1.9
JSC	Jenkinsville	17.06 331	P	Pmax	05 49 45.6 -1.9
GOGA	Godfrey	17.49 324	P	P	05 49 50.2 -2.7
GOGA	Godfrey	17.49 324	P	P	05 49 56.2 +2.2
GOGA			Pmax	Pmax	
Y52A	Lilburn	18.16 324	P	P	05 50 01.6 +0.3
BLA	Blacksburg	19.24 337	P	P	05 50 13.5 +0.2
BLA	Blacksburg	19.24 337	P	P	05 50 13.5 +0.2
BLA			Pmax	Pmax	
CBN	Corbin Frederi	19.24 345	Pn	Pn	05 50 13.7 -0.5
CBN			IAMB	IAMB	05 50 21.4
S57A	Dark Hollow, R	19.25 341	P	Pn	05 50 14.1 -0.3
LRAL	Lakeview Retre	19.38 317	P	Pn	05 50 15.5 -0.1
TKL	Tuckaleches C	19.38 328	P	Pn	05 50 15.4 -0.5
TKL	Tuckaleches C	19.38 328	P	Pn	05 50 16.5 +0.6
TKL	comp=N,0.4nm,0.3s,baz=147,slo=12,SNR=13		S	S	05 53 39.3 -1.4
TKL	comp=N,16nm,0.6s,baz=7.5,slo=9.0,SNR=4.7		LR	LR	05 58 14.7
TZTN	Tazewell	19.98 330	P	P	05 50 21.8 +0.5
TZTN			IAMB	IAMB	05 50 32.8
CCIG	Comitan	20.10 264	P	Pn	05 50 24.2 -0.6
BOAV	Boa Vista	20.11 147	P	P	

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I29M	baz=98	62.77	334	IAMS_20	IAMS_20	06	23	45.7
FLN	Ogilvie Camp,	62.91	45	eP	pmax			05 56 14.6 -0.4
FLN	La Foliniere	62.91	45	eP	pmax			05 56 14.6 -0.4
ETSF	comp=Z,1.00nm,1.8s	62.93	51	eP	pmax			05 56 15.4 0.0
ETSF	Etsaut	62.93	51	eP	pmax			05 56 15.4 0.0
DAWY	comp=Z,3.0nm,0.6s	62.96	333	P	P			05 56 15.5 +0.3
H29M	baz=101,SNR=8.1	62.98	335	P	P			05 56 15.6 +0.4
H29M	Whitestone	62.98	335	P	P			05 56 15.6 +0.4
H29M	comp=Z,2.0m,21.0s	62.98	335	P	P			05 56 15.5 +0.3
G29M	Whitestone	62.98	335	P	P			05 56 15.5 +0.3
G29M	baz=103,SNR=10	62.98	335	P	P			05 56 15.6 +0.4
G29M	Pine Creek	63.01	336	IAMS_20	IAMS_20	06	24	13.0
G29M	comp=Z,3.0m,20.0s	63.01	336	P	P			05 56 15.6 +0.2
G29M	Pine Creek	63.01	336	P	P			05 56 15.6 +0.2
G29M	baz=104,SNR=7.1	63.01	336	P	P			05 56 15.6 +0.2
YUK3	Moose Creek	63.05	330	P	P			05 56 16.4 +0.5
YUK3	baz=99	63.05	330	P	P			05 56 16.4 +0.5
LDF	La Druitiere	63.15	45	eP	pmax			05 56 17.5 +0.9
LOGN	comp=Z,95nm,1.8s	63.17	329	IAMS_20	IAMS_20	06	24	51.5
LOGN	Logan Glacier	63.17	329	IAMS_20	IAMS_20	06	24	51.5
E29M	Blow River	63.32	338	P	P			05 56 17.3 -0.1
E29M	comp=Z,1.7nm,0.8s	63.32	338	P	P			05 56 18.8
E29M	comp=Z,2.0m,21.0s	63.32	338	P	P			05 56 18.2 +0.8
E29M	Blow River	63.32	338	P	P			05 56 18.2 +0.8
E29M	baz=104,SNR=16	63.32	338	P	P			05 56 18.2 +0.8
CTGM	Chitina Glacier	63.35	329	IAMS_20	IAMS_20	06	24	56.3
CTGM	comp=Z,840nm,20.0s	63.35	329	IAMS_20	IAMS_20	06	24	56.3
CTG	Chitina Glacier	63.35	329	P	P			05 56 18.2 +0.3
I28M	Miner Creek	63.45	334	IAMS_20	IAMS_20	06	24	05.8
I28M	comp=Z,2.0m,20.0s	63.45	334	P	P			05 56 19.1 +0.6
I28M	Miner Creek	63.45	334	P	P			05 56 19.1 +0.6
I28M	baz=101,SNR=25	63.45	334	P	P			05 56 19.1 +0.6
GRNC	Granite Creek	63.52	329	IAMS_20	IAMS_20	06	14	13.9
GRNC	comp=Z,789nm,19.0s	63.52	329	IAMS_20	IAMS_20	06	14	13.9
MESA	MESA	63.55	328	IAMS_20	IAMS_20	06	21	34.7
MESA	comp=Z,1.0m,22.0s	63.55	328	IAMS_20	IAMS_20	06	21	34.7
EPF	Esparras	63.59	51	eP	pmax			05 56 21.6 +1.9
EPF	comp=Z,29nm,1.4s	63.59	51	eP	pmax			05 56 21.6 +1.9
M27K	Edge Creek, AK	63.79	331	IAMS_20	IAMS_20	06	25	40.0
M27K	comp=Z,1.0s	63.79	331	IAMS_20	IAMS_20	06	25	40.0
M27K	Edge Creek, AK	63.79	331	P	P			05 56 21.1 +0.3
M27K	baz=98,SNR=5.9	63.79	331	P	P			05 56 21.1 +0.3
ISLE	Juniper Island	63.79	329	IAMS_20	IAMS_20	06	21	58.1
ISLE	comp=Z,964nm,19.0s	63.79	329	IAMS_20	IAMS_20	06	21	58.1
LF	La Frestelle	63.79	49	eP	pmax			05 56 21.6 +0.7
LF	comp=Z,20nm,1.4s	63.79	49	eP	pmax			05 56 21.6 +0.7
EGAK	Eagle	63.84	333	IAMS_20	IAMS_20	06	24	33.1
EGAK	comp=Z,2.0m,19.0s	63.84	333	IAMS_20	IAMS_20	06	24	33.1
EGAK	Eagle	63.84	333	P	P			05 56 21.3 +0.4
EGAK	baz=100,SNR=5.3	63.84	333	P	P			05 56 21.3 +0.4
L27K	Beaver Creek,	63.87	331	P	P			05 56 22.0 +0.9
L27K	comp=Z,1.7nm,1.2s	63.87	331	P	P			05 56 22.0 +0.9
L27K	Beaver Creek,	63.87	331	P	P			05 56 21.4 +0.2
L27K	baz=98,SNR=7.7	63.87	331	P	P			05 56 21.4 +0.2
F28M	Old Crow	63.87	337	IAMS_20	IAMS_20	06	24	58.7
F28M	comp=Z,3.0m,19.0s	63.87	337	IAMS_20	IAMS_20	06	24	58.7
F28M	Old Crow	63.87	337	P	P			05 56 21.2 +0.2
F28M	baz=102,SNR=12	63.87	337	P	P			05 56 21.2 +0.2
E28M	Babbage River	63.96	338	IAMS_20	IAMS_20	06	24	06.1
E28M	comp=Z,2.0m,22.0s	63.96	338	IAMS_20	IAMS_20	06	24	06.1
E28M	Babbage River	63.96	338	P	P			05 56 22.5 +0.8
E28M	baz=103	63.96	338	P	P			05 56 22.5 +0.8
K27K	Chicken	64.12	332	IAMS_20	IAMS_20	06	22	00.4
K27K	comp=Z,1.0m,21.0s	64.12	332	IAMS_20	IAMS_20	06	22	00.4
K27K	Chicken	64.12	332	P	P			05 56 22.5 -0.2
K27K	baz=98	64.12	332	P	P			05 56 22.5 -0.2
K27K	Kandik River	64.17	334	P	P			05 56 22.8 -0.4
K27K	baz=100,SNR=25	64.17	334	P	P			05 56 22.8 -0.4
CRQE	Cirque	64.18	329	P	P			05 56 22.8 -0.5
CRQE	baz=96	64.18	329	P	P			05 56 22.8 -0.5
BGLC	Bering Glacier	64.21	328	P	P			05 56 23.3 -0.1
BGLC	baz=95	64.21	328	P	P			05 56 23.3 -0.1
MCARA	McCarthy VSAT	64.21	329	IAMS_20	IAMS_20	06	24	40.1
MCARA	comp=Z,35nm,19.0s	64.21	329	IAMS_20	IAMS_20	06	24	40.1
MCARA	McCarthy VSAT	64.21	329	P	P			05 56 23.3 -0.1
MCARA	baz=96,SNR=5.7	64.21	329	P	P			05 56 23.3 -0.1
H27K	Steamboat Moun	64.24	335	P	P			05 56 23.3 -0.2
H27K	comp=Z,1.0m,20.0s	64.24	335	P	P			05 56 23.3 -0.2
H27K	Steamboat Moun	64.24	335	P	P			05 56 23.3 -0.2
H27K	baz=100,SNR=7.4	64.24	335	P	P			05 56 23.3 -0.2
M26K	Nabesna, AK	64.31	331	IAMS_20	IAMS_20	06	23	22.7
M26K	comp=Z,937nm,22.0s	64.31	331	IAMS_20	IAMS_20	06	23	22.7
M26K	Nabesna, AK	64.31	331	P	P			05 56 23.7 -0.4
M26K	baz=97	64.31	331	P	P			05 56 23.7 -0.4
RJF	Les Rejaudoux	64.33	48	eP	pmax			05 56 24.6 +0.1
RJF	comp=Z,47nm,1.8s	64.33	48	eP	pmax			05 56 24.6 +0.1
G27K	Doyon Strip	64.39	336	IAMS_20	IAMS_20	06	25	16.6
G27K	comp=Z,2.0m,20.0s	64.39	336	IAMS_20	IAMS_20	06	25	16.6
G27K	Doyon Strip	64.39	336	P	P			05 56 24.7 +0.1
G27K	baz=100,SNR=12	64.39	336	P	P			05 56 24.7 +0.1
VRDI	Verde Repeater	64.40	329	IAMS_20	IAMS_20	06	29	34.1
VRDI	comp=Z,1.0m,21.0s	64.40	329	IAMS_20	IAMS_20	06	29	34.1
L26K	Log Cabin Wild	64.55	331	P	P			05 56 25.7 +0.1
L26K	baz=97,SNR=11	64.55	331	P	P			05 56 25.7 +0.1
D27M	Malcolm River	64.61	338	IAMS_20	IAMS_20	06	25	06.1
D27M	comp=Z,2.0m,20.0s	64.61	338	IAMS_20	IAMS_20	06	25	06.1
D27M	Malcolm River	64.61	338	P	P			05 56 26.3 +0.3
D27M	baz=102	64.61	338	P	P			05 56 26.3 +0.3
E27K	Coleen River	64.62	337	P	P			05 56 26.1 +0.1
E27K	comp=Z,8.6nm,0.9s	64.62	337	P	P			05 56 27.0
E27K	Coleen River	64.62	337	IAMS_20	IAMS_20	06	29	26.6
E27K	comp=Z,2.0m,21.0s	64.62	337	IAMS_20	IAMS_20	06	29	26.6
E27K	baz=101,SNR=6.5	64.62	337	P	P			05 56 26.3 +0.3
CAF	Calviac	64.73	49	eP	pmax			05 56 26.6 -0.6
CAF	comp=Z,44nm,1.7s	64.73	49	eP	pmax			05 56 26.6 -0.6
CLF	Chambon-Foret	64.74	45	IAMS_20	IAMS_20	06	19	16.1
CLF	comp=Z,1.0m,20.0s	64.74	45	IAMS_20	IAMS_20	06	19	16.1
I26K	Coal Creek Min	64.76	334	P	P			05 56 27.2 +0.3
I26K	baz=98	64.76	334	P	P			05 56 27.2 +0.3
TCF	Toulu Ste Croi	64.77	47	eP	pmax			05 56 27.3 -0.1
TCF	comp=Z,24nm,1.5s	64.77	47	eP	pmax			05 56 27.3 -0.1
J26L	Joseph Creek	64.82	333	IAMS_20	IAMS_20	06	30	03.1
J26L	comp=Z,3.0m,22.0s	64.82	333	IAMS_20	IAMS_20	06	30	03.1
J26L	Joseph Creek	64.82	333	P	P			05 56 27.2 -0.3
J26L	baz=97,SNR=10	64.82	333	P	P			05 56 27.2 -0.3
BRMR	Bremner River	64.93	329	P	P			05 56 27.9 -0.3
BRMR	baz=98	64.93	329	P	P			05 56 27.9 -0.3
SCRK	Sand Creek	64.94	332	P	P			05 56 27.9 -0.3
SCRK	baz=99,SNR=28	64.94	332	P	P			05 56 27.9 -0.3
N25K	Chitina, Valde	64.98	330	P	P			05 56 28.4 -0.1
N25K	baz=95	64.98	330	P	P			05 56 28.4 -0.1
G26K	Porcupine River	65.25	336	P	P			05 56 30.2 +0.2
G26K	baz=98	65.25	336	P	P			05 56 30.2 +0.2
RIDG	Independent Ri	65.30	332	P	P			05 56 30.7 +0.2
RIDG	comp=Z,3.0m,22.0s	65.30	332	P	P			05 56 30.7 +0.2
RIDG	Independent Ri	65.30	332	P	P			05 56 30.7 +0.2
RIDG	baz=96,SNR=14	65.30	332	P	P			05 56 30.7 +0.2
HARP	HARP	65.31	331	P	P			05 56 31.5 +0.9
HARP	baz=95	65.31	331	P	P			05 56 31.5 +0.9
EYAK	Cordova Ski Ar	65.47	328	P	P			05 56 31.9 +0.4
EYAK	baz=93	65.47	328	P	P			05 56 31.9 +0.4
F26K	Sheenjek River	65.49	336	P	P			05 56 32.3 +0.6
F26K	baz=98,SNR=9.4	65.49	336	P	P			05 56 32.3 +0.6
PAXU	Paxson	65.51	331	P	P			05 56 31.9 0.0

NLAI	Namlea	24.41 232	P	P	05 57 29.0	-0.7
INU	Inuyama	24.51 342	P	P	05 57 29.5	-1.0
INU	Inuyama	24.51 342	P	P	05 57 30.9	+0.5
SANI	Sanana	24.58 236	P	P	05 57 25.5	-4.8
SANI	Sanana	24.58 236	P	P	05 57 29.9	-1.3
SANI	Sanana	24.58 236	P	P	05 57 29.9	-1.4
JGF	Kuroka	24.64 342	P	P	05 57 30.7	-1.0
JGF	comp=Z,986nm,1.1s		IAmb	IAmb	05 57 49.9	
JCF	Kuroka	24.64 342	P	P	05 57 31.8	+0.1
KMSI	Cibinong	24.89 244	P	P	05 57 34.5	+0.5
SAUI	Saumlaki	24.93 217	P	P	05 57 35.8	+1.3
SAUI	Saumlaki	24.93 217	P	P	05 57 35.3	+0.8
JNU	Nakatsue	25.12 328	P	P	05 57 35.5	-0.6
JNU	comp=Z,534nm,0.9s		IAmb	IAmb	05 57 55.3	
JNU	Nakatsue	25.12 328	P	P	05 57 37.2	+1.2
YOJ	Yonaguni jima	25.13 302	P	P	05 57 38.0	+1.8
YOJ	comp=Z,980nm,1.1s		pmx	pmx		
MJAR	Matsushiro Arr	25.29 345	P	P	05 57 36.3	-1.2
MJAR	comp=Z,44nm,0.9s,baz=172,slow=8.8,SNR=57		PcP	PcP	06 01 10.2	+0.3
MJAR	comp=Z,26nm,0.8s,baz=160,slow=3.9,SNR=4.1		ScP	ScP	06 01 04.0	-0.8
MJAR	comp=Z,7.2nm,1.0s,baz=155,slow=1.9,SNR=3.5		LR	LR	06 06 27.0	
MAJO	Matsushiro	25.29 345	P	P	05 57 36.1	-1.5
MAJO	comp=Z,20um,21.7s,baz=158,slow=34		IAmb	IAmb	05 57 56.4	
MAJO	comp=Z,44nm,0.9s		IAmb	IAmb	05 57 56.4	
MAJO	comp=Z,474nm,0.8s		IAmb	IAmb	05 57 56.4	
MAJO	Matsushiro	25.29 345	IAMS_20	IAMS_20	06 06 05.3	
MAJO	comp=Z,20um,22.0s		IAMS_20	IAMS_20	06 06 05.3	
MAJO	Matsushiro	25.29 345	P	P	05 57 37.2	-0.3
MAJO	Matsushiro	25.29 345	P	P	05 57 36.1	-1.5
MAJO	comp=Z,685nm,1.1s		pmx	pmx		
MAJO	comp=Z,20um,21.0s		MLR	MLR		
SZP	Santa	25.44 285	P	P	05 57 40.5	+1.4
HNR	Honiara	25.45 147	P	P	05 57 37.9	-1.3
HNR	Honiara	25.45 147	IAmb	IAmb	05 58 12.4	
HNR	Honiara	25.45 147	P	P	05 57 39.2	0.0
HNR	Honiara	25.45 147	LR	LR	06 07 17.4	
HNR	Honiara	25.45 147	P	P	05 57 37.9	-1.3
HNR	Honiara	25.45 147	pmx	pmx		
HNR	comp=Z,145um,19.1s,baz=322,slow=35		MLR	MLR		
HNR	comp=Z,1um,0.9s		MLR	MLR		
HNR	comp=Z,12um,20.0s		MLR	MLR		
GTOI	Gorontalo	25.72 245	P	P	05 57 42.8	+1.1
GTOI	comp=Z,358nm,1.1s		P	P		
JMM	Marumori	26.02 350	P	P	05 57 42.7	-1.3
JMM	Marumori	26.02 350	P	P	05 57 43.9	-0.2
TWGBT	Beinan	26.15 297	P	P	05 57 45.7	+0.2
COEN	Coen	26.16 187	P	P	05 57 46.9	+0.4
COEN	Coen	26.16 187	P	P	05 57 46.3	+0.8
TWG	Pinlang	26.16 297	P	P	05 57 45.2	-0.3
TWG	comp=Z,902nm,1.0s		IAmb	IAmb	05 58 03.4	
YULB	Yu-li	26.16 299	P	P	05 57 45.6	0.0
YULB	comp=Z,780nm,0.9s		IAmb	IAmb	05 57 56.3	
YULB	Yu-li	26.16 299	P	P	05 57 46.5	+0.9
NACB	Ninganchiao	26.20 300	P	P	05 57 45.9	+0.1
NACB	Ninganchiao	26.20 300	P	P	05 57 47.2	+1.3
YHNB	Yeheng	26.57 301	P	P	05 57 50.5	+1.2
YHNB	Yeheng	26.57 301	P	P	05 57 50.9	+1.5
SSLB	Suangliung	26.59 299	P	P	05 57 50.4	+0.8
SSLB	Suangliung	26.59 299	P	P	05 57 50.3	+0.8
TATO	Taipei	26.60 302	P	P	05 57 51.6	+2.1
TATO	Taipei	26.60 302	P	P	05 57 51.4	+1.6
JSD	Sado	26.70 346	P	P	05 57 49.7	-0.5
TPUB	Ta-pu	26.70 298	P	P	05 57 50.2	-0.3
TPUB	comp=Z,2um,1.6s		IAmb	IAmb	05 58 00.9	
TPUB	Ta-pu	26.70 298	P	P	05 57 51.1	+0.6
LUWI	Luwuk	26.73 242	P	P	05 57 50.2	-0.6
LUWI	Luwuk	26.73 242	P	P	05 57 46.0	-4.8
LUWI	Luwuk	26.73 242	P	P	05 57 51.4	+0.6
LUWI	Luwuk	26.73 242	P	P	05 57 49.5	-1.3
JTU	Tsushima	26.96 328	P	P	05 57 54.4	+1.6
TOLJ	Toitoli	27.52 248	P	P	05 57 57.4	-0.5
TOLJ	Toitoli	27.52 248	P	P	05 57 58.3	+0.4
APSI	Ampana	27.65 244	P	P	05 57 58.0	-1.0
APSI	comp=Z,621nm,1.3s		P	P		
KDU	Kakadu	28.23 209	P	P	05 58 03.8	-0.3
MYLDM	Lahad Datu	28.25 258	P	P	05 58 06.2	+2.1
MYLDM	Lahad Datu	28.25 258	P	P	05 58 06.8	+2.4
MYLDM	Lahad Datu	28.25 258	P	P	05 58 06.0	+1.6
TARA	Tarawa	28.59 110	P	P	05 58 07.5	+0.1
TARA	comp=Z,1um,1.3s		IAmb	IAmb	05 58 09.2	
DRS	Darwin Rock St	28.80 212	P	P	05 58 08.9	-0.3
DRS	comp=Z,1um,1.4s		IAmb	IAmb		
JTM	Tennabiyashi	28.84 352	P	P	05 58 10.6	+1.3
OZH	Quanzhou	29.02 300	P	P	05 58 13.0	+1.9
OZH	Quanzhou	29.02 300	S	S	06 03 07.4	+7.8
OZH	comp=Z,39nm,0.8s		pmx	pmx		
OZH	comp=Z,1um,8.6s		LR	LR		
OZH	comp=Z,4um,17.2s		LR	LR		
OZH	comp=Z,3um,18.2s		LR	LR		
OZH	comp=Z,10um,23.5s		LR	LR		
KNMB	Chin-men Tao	29.03 299	P	P	05 58 11.1	-0.1
MTN	Manton Dam	29.03 212	P	P	05 58 10.9	-0.4
MTN	Manton Dam	29.03 212	P	P	05 58 10.4	+0.5
BBSI	Bau Bau	29.35 235	P	P	05 58 14.0	-0.1
TJN	Taejon	29.46 328	P	P	05 58 16.6	+1.7
TJN	Taejon	29.46 328	P	P	05 58 15.7	+0.8
SSE	Sheshan	29.79 313	S	S	06 03 12.0	+0.4
SSE	Sheshan	29.79 313	S	S	06 03 12.0	+0.4
SSE	comp=Z,32nm,0.9s		pmx	pmx		
SSE	comp=Z,510nm,7.5s		pmx	pmx		
SSE	comp=Z,1um,25.1s		LR	LR		
SSE	comp=Z,1um,25.1s		LR	LR		
ERM	Erino	29.83 355	P	P	05 58 17.4	-0.7
ERM	Erino	29.83 355	P	P	05 58 17.4	-0.7
KSRs	Korea Array	30.02 330	P	P	05 58 19.6	-0.2
KSRs	comp=Z,34nm,0.8s,baz=143,slow=9.8,SNR=99		PcP	PcP	06 01 21.6	+0.4
KSRs	comp=Z,50nm,0.9s,baz=160,slow=2.8,SNR=12		ScP	ScP	06 05 00.1	0.0
KSRs	comp=Z,16nm,1.1s,baz=139,slow=3.3,SNR=6.8		PKiKP	PKiKP	06 08 52.4	-1.2
KSRs	comp=Z,1.9nm,0.9s,baz=241,slow=1.7,SNR=4.5		PKiKP	PKiKP		
KSAR	Wonju Array Be	30.03 330	P	P	05 58 19.2	-0.7
KSAR	Wonju Array Be	30.03 330	P	P	05 58 19.2	-0.7
KS19	Wonju Array St	30.08 330	P	P	05 58 19.7	-0.7
MTSU	Mount Surprise	30.20 184	P	P	05 58 22.6	+1.0
INCN	Inchon	30.68 329	P	P	05 58 25.7	-0.1
INCN	Inchon	30.68 329	P	P	05 58 26.1	+0.3
INCN	Inchon	30.68 329	P	P	05 58 25.7	-0.1
INCN	Inchon	30.68 329	pmx	pmx		
INCN	comp=Z,81nm,0.8s		MLR	MLR		
BNSI	Bone	30.75 239	P	P	05 58 27.7	+1.2
BNSI	comp=Z,1um,1.3s		P	P		
SPSI	Sidrap Palu	30.80 240	P	P	05 58 26.5	-0.5
SPSI	comp=Z,570nm,1.0s		P	P		
SOEI	Soe	30.84 226	P	P	05 58 26.9	-0.6
SOEI	Soe	30.84 226	P	P	05 58 25.2	-2.3
SOEI	Soe	30.84 226	P	P	05 58 27.6	+0.6
SOEI	Soe	30.84 226	P	P	05 58 27.1	-0.4
BKSI	Bulukumba	31.24 328	P	P	05 58 30.8	0.0
BKSI	comp=Z,390nm,1.2s		P	P		
TVIH	Townsville Har	31.26 179	P	P	05 58 32.1	+1.2
TVIH	comp=Z,154nm,1.0s		P	P		

PMSI	Majene	31.29 242	P	P	05 58 31.0	-0.4
PMSI	comp=Z,279nm,1.1s		P	P		
KAPI	Kappang	31.38 238	P	P	05 58 32.0	-0.1
KAPI	Kappang	31.38 238	IAmb	IAmb	05 58 33.7	
KAPI	comp=Z,477nm,0.8s		IAmb	IAmb		
KAPI	Kappang	31.38 238	LR	LR	05 58 32.9	+0.8
KAPI	Kappang	31.38 238	LR	LR	06 10 07.9	
KAPI	comp=Z,4um,21.7s,baz=68,slow=34		LR	LR		
KAPI	Kappang	31.38 238	P	P	05 58 32.4	+0.3
KAPI	Kappang	31.38 238	P	P	05 58 32.3	+0.3
KAPI	comp=Z,482nm,1.0s		pmx	pmx		
KAPI	comp=Z,5um,20.0s		MLR	MLR		
KAPI	Kappang	31.38 238	P	P	05 58 31.8	-0.3
BSSI	Bau Bau, Buton	31.40 236	P	P	05 58 31.9	-0.4
BSSI	comp=Z,727nm,1.1s		P	P		
SMKI	Samarinda	31.41 248	P	P	05 58 34.7	+2.3
SMKI	comp=Z,817nm,1.2s		P	P		
MMRI	Maumere	31.56 230	P	P	05 58 33.0	-0.7
MMRI	comp=Z,288nm,0.8s		IAmb	IAmb	05 58 36.5	
MMRI	comp=Z,307nm,0.9s		IAmb	IAmb		
MMRI	Maumere	31.56 230	P	P	05 58 34.3	+0.6
MMRI	Maumere	31.56 230	P	P	05 58 32.1	-1.6
BATI	Baumata	31.58 226	P	P	05 58 33.3	-0.6
BATI	comp=Z,676nm,1.1s		P	P		
AUAYR	Ayr Slate High	31.60 178	P	P	05 58 35.0	+1.1
AUAYR	comp=Z,198nm,1.2s		P	P		
MKS	Makassar	31.72 238	P	P	05 58 35.7	+0.6
MKS	comp=Z,799nm,1.5s		P	P		
AJA	Kamikawasa	31.96 355	P	P	05 58 36.6	-0.3
AJA	Asahikawa	31.96 355	LR	LR	06 13 19.4	
ASAJ	Asahikawa	31.96 355	LR	LR	06 13 19.4	
ASAJ	Asahikawa	31.96 355	pmx	pmx		
ASAJ	Asahikawa	31.96 355	pmx	pmx		
NJ2	Nanjing	31.98 313	eP	P	05 58 37.4	+0.2
NJ2	Nanjing	31.98 313	P	P	05 59 45.1	+1.7
NJ2	Nanjing	31.98 313	P	P	06 03 51.3	+5.5
NJ2	comp=Z,14nm,0.5s		pmx	pmx		
NJ2	comp=Z,3um,19.9s		LR	LR		
NJ2	comp=Z,2um,16.1s		LR	LR		
NJ2	comp=Z,4um,22.1s		LR	LR		
BKB	Balikpapan	32.03 247	P	P	05 58 37.7	-0.2
BKB	Balikpapan	32.03 247	P	P	05 58 38.6	+0.7
BKB	Balikpapan	32.03 247	P	P	05 58 39.3	+1.4
BKB	comp=Z,1um,1.7s		P	P		
EDFI	Ende, Flores	32.05 231	P	P	05 58 35.2	-2.9
EDFI	comp=Z,218nm,1.0s		P	P		
CTA	Charters Tower	32.08 180	LR	LR	06 11 14.5	
CTA	comp=Z,12nm,19.6s,baz=360,slow=36		LR	LR		
CTA	Charters Tower	32.08 180	P	P	05 58 39.2	+1.0
CTA	Charters Tower	32.08 180	P	P	05 58 38.3	+0.1
CTAO	Charters Tower	32.08 180	P	P	05 58 39.0	+0.8
CTAO	Charters Tower	32.08 180	P	P	05 58 38.3	+0.1
CTAO	Charters Tower	32.08 180	pmx	pmx		
CTAO	comp=Z,130nm,1.2s		MLR	MLR		
CTAO	Charters Tower	32.08 180	P	P	05 58 38.9	+0.8
CTAO	Charters Tower	32.08 180	P	P	06 01 26.6	-0.4
HKPS	Hong Kong Po S	32.16 293	P	P	05 58 39.1	+0.1
HKPS	Hong Kong Po S	32.16 293	P	P	05 58 40.3	+1.3
KNRA	Kunurru	32.64 212	IAmb	IAmb	05 58 44.6	
KNRA	comp=Z,357nm,1.0s		IAmb	IAmb		
KUR	Kuril'sk	32.95 2	eP	P	05 58 45.5	0.0
K						

Table with columns for flight codes (SRDT, HTT, SYDH, etc.), destinations (Sydney Hard Rock, Chiang Mai Arr, etc.), times, and status indicators (P, I, M, etc.).

Table with columns for flight codes (KIWB, GSI, GSI, etc.), destinations (Kanaga Island, Gunungsitoli, etc.), times, and status indicators (P, I, M, etc.).

Table with columns for flight codes (OUZ, RAO, RAO, etc.), destinations (Omahuta, Raoul Island, etc.), times, and status indicators (P, I, M, etc.).

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias Rate, Elevation Bias Rate, Azimuth Bias Variance, Elevation Bias Variance, Azimuth Bias Covariance, Elevation Bias Covariance, Azimuth Bias Correlation, Elevation Bias Correlation, Azimuth Bias Rate Variance, Elevation Bias Rate Variance, Azimuth Bias Rate Covariance, Elevation Bias Rate Covariance, Azimuth Bias Rate Correlation, Elevation Bias Rate Correlation, Azimuth Bias Rate Variance, Elevation Bias Rate Variance, Azimuth Bias Rate Covariance, Elevation Bias Rate Covariance, Azimuth Bias Rate Correlation, Elevation Bias Rate Correlation.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias Rate, Elevation Bias Rate, Azimuth Bias Variance, Elevation Bias Variance, Azimuth Bias Covariance, Elevation Bias Covariance, Azimuth Bias Correlation, Elevation Bias Correlation, Azimuth Bias Rate Variance, Elevation Bias Rate Variance, Azimuth Bias Rate Covariance, Elevation Bias Rate Covariance, Azimuth Bias Rate Correlation, Elevation Bias Rate Correlation.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias Rate, Elevation Bias Rate, Azimuth Bias Variance, Elevation Bias Variance, Azimuth Bias Covariance, Elevation Bias Covariance, Azimuth Bias Correlation, Elevation Bias Correlation, Azimuth Bias Rate Variance, Elevation Bias Rate Variance, Azimuth Bias Rate Covariance, Elevation Bias Rate Covariance, Azimuth Bias Rate Correlation, Elevation Bias Rate Correlation.

J19K	Poorman	65.43	24	P	P	06 02 54.3 +1.1
J19K	baz=246,SNR=90					
J19K				S	S	06 11 36.1 +1.7
J19K	baz=246					
ZHN	Zhinishe	65.57	312	eP	P	06 02 54.2 -0.4
ZHN	comp=Z,161nm,1.1s,ba=312					
ZHN	Zhinishe	65.57	312	eP	P	06 02 54.2 -0.4
ZHN	comp=Z,161nm,1.1s			pmax	pmax	
L20K	Farewell_AK	65.57	26	P	P	06 02 55.5 +1.3
L20K	baz=248,SNR=69					
L20K				S	S	06 11 38.7 +2.5
L20K	baz=248					
L20K				S	S	06 11 38.7 +2.5
SATY	Saty	65.58	312	eP	P	06 02 54.1 -0.7
SATY	comp=Z,146nm,1.0s,ba=312					
SATY				eS	S	06 11 39.8 +2.6
SATY	Saty	65.58	312	eP	P	06 02 54.0 -0.7
SATY	comp=Z,146nm,1.0s,ba=312					
SATY				eS	S	06 11 39.8 +2.6
C18K	Utukok River	65.62	19	P	P	06 02 54.9 +0.5
C18K	baz=238,SNR=53					
C18K				S	S	06 11 35.1 -1.6
C18K	baz=238					
HOM	Homer	65.62	30	IAMS_20	IAMS_20	06 31 05.0
HOM	comp=Z,3um,20.0s					
HOM	Homer	65.62	30	P	P	06 02 54.7 +0.2
HOM	baz=252,SNR=9.7					
M20K	Styx River	65.68	27	IAMS_20	IAMS_20	06 27 43.6
M20K	comp=Z,4um,22.0s					
M20K	Styx River	65.68	27	P	P	06 02 56.4 +1.4
M20K	baz=249,SNR=137					
M20K				S	S	06 11 39.9 +2.2
M20K	baz=249					
M20K				S	S	06 11 39.9 +2.2
H19K	Roundabout Mou	65.76	23	P	P	06 02 56.3 +1.1
H19K	baz=244,SNR=130					
H19K				S	S	06 11 39.9 +1.6
CNP1M	China Poot	65.78	30	IAMS_20	IAMS_20	06 27 22.2
CNP1M	comp=Z,3um,22.0s					
G19K	Purcell Mouta	65.79	22	IAMS_20	IAMS_20	06 27 54.4
G19K	comp=Z,4um,22.0s					
G19K	Purcell Mouta	65.79	22	P	P	06 02 56.4 +0.9
G19K	baz=244,SNR=156					
G19K				S	S	06 11 39.1 +0.4
TDK	Taldygorghan	65.80	314	eP	P	06 02 55.5 -0.5
TDK	comp=Z,261nm,0.9s,ba=314			LR	LR	06 31 57.4
TDK	Taldygorghan	65.80	314	eP	P	06 02 55.5 -0.5
TDK	comp=Z,261nm,0.9s			pmax	pmax	
TDK				MLR	MLR	
B18K	Kokolik River	65.81	18	P	P	06 02 56.6 +1.0
B18K	baz=238,SNR=28					
B18K				S	S	06 11 38.8 -0.1
K20K	Telida	65.82	25	P	P	06 02 57.2 +1.5
K20K	baz=248,SNR=145					
K20K				S	S	06 11 42.2 +3.0
K20K	baz=248					
K20K				S	S	06 11 42.2 +3.0
F19K	Shalercukik Mo	65.86	21	P	P	06 02 56.0 +0.2
F19K	baz=248,SNR=48					
F19K				S	S	06 11 37.9 -1.6
N20K	Mount Spurr	65.86	28	P	P	06 02 56.2 +0.1
N20K	baz=250,SNR=18					
N20K				S	S	06 11 40.5 +0.7
N20K	baz=250					
SPCR	Spurr Chakacha	65.86	28	P	P	06 02 56.2 +0.1
SPCR	baz=250,SNR=15					
SPCR				S	S	06 11 40.8 +0.9
TARG	Taragay, Kyrgy	65.89	310	P	P	06 02 58.5 +1.4
TARG	comp=Z,232nm,1.6s			pmax	pmax	
NDI	New Delhi	65.91	296	eP	P	06 02 56.4 -0.6
NDI	comp=Z,84nm,0.8s			IAMB	IAMB	06 02 57.5
NDI						
NDI				i x	x	06 03 05.8
SMLA	Simla	65.93	299	eP	P	06 02 57.0 0.0
SMLA	comp=Z,426nm,1.6s			IAMB	IAMB	06 03 18.9
SMLA						
BHPL	Bhopal	65.94	290	eP	P	06 02 57.3 +0.1
BHPL	comp=Z,168nm,0.6s			i x	x	06 03 06.2
BHPL				IAMB	IAMB	06 03 08.3
GUNA	GUNA	65.94	292	eP	P	06 02 57.0 -0.2
GUNA	comp=Z,209nm,1.3s			IAMB	IAMB	06 02 57.8
GUNA						
GUNA	Sohna	66.04	296	eP	P	06 03 06.1
GUNA	comp=Z,209nm,1.3s			i x	x	06 02 57.1 -0.6
GUNA				i x	x	06 03 06.8
BRSE	Bradley Lake S	66.08	30	P	P	06 02 57.8 +0.3
BRSE	baz=252,SNR=51					
BRSE				S	S	06 11 42.0 -0.6
J20K	Nowitza River	66.10	24	P	P	06 02 58.6 +1.1
J20K	comp=Z,5um,22.0s			IAMS_20	IAMS_20	06 27 45.7
J20K	Nowitza River	66.10	24	P	P	06 02 59.1 +1.6
J20K	baz=247,SNR=236					
J20K				S	S	06 11 45.8 +3.2
J20K	baz=247					
J20K				S	S	06 11 45.8 +3.2
CAPN	Captain Cook N	66.20	28	IAMS_20	IAMS_20	06 35 57.4
CAPN	comp=Z,3um,18.0s					
CAPN	Captain Cook N	66.20	28	S	P	06 02 59.5 +1.3
CAPN	baz=252					
NRDN	NARMADA NAGAR	66.21	290	eP	P	06 03 03.1 +4.2
NRDN	comp=Z,3um,22.0s			i x	x	06 03 12.5
I20K	Naaghedeneel	66.21	24	P	P	06 02 59.7 +1.5
I20K	comp=Z,5um,21.0s			IAMS_20	IAMS_20	06 26 07.6
I20K	Naaghedeneel	66.21	24	P	P	06 02 59.7 +1.5
I20K	baz=247,SNR=84					
E19K	Redstone River	66.33	21	P	P	06 02 59.7 +0.8
E19K	baz=243					
E19K				S	S	06 11 45.1 -0.2
H20K	Anotleneega Mo	66.34	23	P	P	06 03 00.1 +1.1
H20K	baz=246,SNR=134					
H20K				S	S	06 11 47.3 +1.9
C19K	Lookout Ridge	66.35	19	P	P	06 03 00.3 +1.2
C19K	baz=240,SNR=143					
C19K				S	S	06 11 45.4 -0.1
SKT	Skwentna	66.42	27	IAMS_20	IAMS_20	06 27 45.3
SKT	comp=Z,3um,22.0s					
SKT	Skwentna	66.42	27	P	P	06 02 59.5 -0.1
SKT	baz=251,SNR=100					
SKT				S	S	06 11 45.9 -0.8
PPLA	Purkeypile	66.45	26	P	P	06 03 00.8 +0.8
PPLA	baz=250,SNR=76					
PPLA				S	S	06 11 48.5 +1.4
A19K	Wainwright	66.48	17	P	P	06 03 00.9 +1.2
A19K	baz=238					
A19K				S	S	06 11 48.0 +1.1
KURK	Kurchatov	66.49	320	P	P	06 03 00.4 +0.1
KURK	comp=Z,2um,22.0s			S	S	06 11 44.6 -3.0
KURK	Kurchatov	66.49	320	P	P	06 03 00.8 +0.6
KURK	comp=Z,2um,22.0s			S	S	06 03 00.7 +0.6
KURK				pP	pP	06 03 10.6 -0.1
AKL	Akola	66.49	287	i x	P	06 03 08.6 +7.8
D19K	Kuna River	66.52	19	P	P	06 03 00.7 +0.5
D19K	baz=242					
D19K				S	S	06 11 47.0 -0.6
KURBB	Kurchatov Arra	66.53	320	P	P	06 03 00.8 +0.3
KURBB	comp=Z,294nm,0.9s,ba=100,slow=6.4,SNR=824					
KURBB				PKPPKP	PKPPKP	06 31 30.8 -3.6

KURBB	comp=Z,25nm,1.1s,ba=292,slow=3.2,SNR=18			LR	LR	06 34 38.1
KUDL	Kudal	66.56	295	eP	P	06 03 00.5 -0.7
KUDL	comp=Z,294nm,0.9s			x	x	06 03 09.6
BHK	Bhakra	66.57	299	eP	P	06 03 01.6 +0.4
BHK	comp=Z,331nm,1.1s			IAMB	IAMB	06 03 03.6
BHK						
BHK	Medeo	66.58	312	eP	P	06 03 11.3
BHK	baz=312			i x	x	06 03 00.7 -0.5
MDOK				eS	S	06 11 52.1 +2.7
MDOK	baz=312			LR	LR	06 32 27.3
MDOK	Medeo	66.58	312	eP	P	06 03 00.7 -0.5
MDOK	baz=312			S	S	06 11 52.1 +2.7
MDOK				eS	S	06 28 05.3
SUA	Susitna One	66.61	28	IAMS_20	IAMS_20	06 02 05.3
SUA	comp=Z,3um,20.0s					
SUA	Susitna One	66.61	28	P	P	06 03 00.7 -0.3
SUA	baz=252,SNR=18					
SUA				S	S	06 11 48.3 -0.8
TNS5	Tian-Shan	66.64	312	eP	P	06 03 01.1 -0.8
TNS5	baz=312					
TNS5	Tian-Shan	66.64	312	eP	P	06 03 01.0 -0.8
TNS5	baz=312					
DHRM	DHARAMSHALA	66.67	300	eP	P	06 03 11.2 -0.8
DHRM	comp=Z,764nm,1.3s			i x	x	06 03 12.8
DHRM				IAMB	IAMB	
AAA	Alma-Ata	66.68	312	LR	LR	06 32 30.6
AAA	baz=312					
F20K	Avarart Lake	66.68	21	P	P	06 03 02.2 +1.1
F20K	baz=245,SNR=144					
F20K				S	S	06 11 50.4 +1.0
CHKK	Chushkaly	66.68	313	eP	P	06 03 01.3 -0.4
CHKK	baz=313					
CHKK	Chushkaly	66.68	313	eP	P	06 03 01.2 -0.4
CHKK	baz=313					
CHUM	Lake Minchumin	66.74	25	P	P	06 03 02.8 +1.3
CHUM	baz=249,SNR=122					
CHUM				S	S	06 11 52.8 +2.5
FIS	Fire Island	66.75	28	IAMS_20	IAMS_20	06 27 00.1
FIS	comp=Z,3um,22.0s					
O22K	Cooper Landing	66.79	29	IAMS_20	IAMS_20	06 31 41.0
O22K	comp=Z,2um,19.0s					
O22K	Cooper Landing	66.79	29	P	P	06 03 02.6 +0.7
O22K	baz=253,SNR=99					
O22K				S	S	06 11 51.4 +0.4
SEW	Seward	66.81	29	P	P	06 03 02.5 +0.5
SEW	baz=253,SNR=63					
SEW				S	S	06 11 51.5 +0.3
RC01	Rabbit Creek A	66.96	28	IAMS_20	IAMS_20	06 26 27.5
RC01	comp=Z,4um,22.0s					
RC01	Rabbit Creek A	66.96	28	P	P	06 03 03.4 +0.3
RC01	baz=253,SNR=48					
RC01				S	S	06 11 52.0 -1.1
M22K	Willow	66.99	28	IAMS_20	IAMS_20	06 27 41.2
M22K	comp=Z,2um,21.0s					
M22K	Willow	66.99	28	P	P	06 03 03.1 -0.1
M22K	baz=252,SNR=60					
M22K				S	S	06 11 52.6 -0.7
E20K	Nigu River	67.05	20	P	P	06 03 04.3 +0.7
E20K	baz=252					
E20K				S	S	06 11 53.8 -0.3
DLH	Ulaloh	67.09	311	P	P	06 03 05.6 +1.1
DLH	baz=244					
ULH	Etivuk River	67.11	19	P	P	06 03 04.8 +0.8
ULH	baz=243,SNR=157					
ULH				S	S	06 11 53.4 -1.3
CUT	Chulitna	67.12	27	P	P	06 03 03.8 -0.2
CUT	comp=Z,3um,22.0s			IAMS_20	IAMS_20	06 27 33.8
CUT	Chulitna	67.12	27	P	P	06 03 03.8 -0.2
CUT	comp=Z,3um,22.0s					
CUT				S	S	06 11 53.7 -1.2
KSH	Kashi	67.12	308	P	P	06 03 08.3 +3.6
KSH	comp=Z,130nm,1.0s			S	S	06 11 59.8 +3.5
KSH				SS	SS	06 16 26.4 +11
KSH				pmax	pmax	
KSH				LR	LR	
KSH						

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A22K	Sinclair Lake	68.65	18	P	P	06 03 14.4 +1.0
A22K	baz=250 baz=244					
WRH	Wood River Hil	68.68	25	IAMS_20	IAMS_20	06 27 53.9
EYAK	Cordova Ski Ar	68.70	29	P	P	06 03 15.7 +1.7
EYAK	Cordova Ski Ar	68.70	29	P	P	06 03 15.1 +1.1
EYAK	baz=257,SNR=28					
COLD	Coldfoot	68.74	22	P	P	06 03 15.3 +1.2
COLD	baz=250,SNR=208					
B22K	Teshhepuk Lake	68.83	18	P	P	06 03 15.5 +0.9
B22K	baz=246,SNR=39					
KLU	Klutina	68.84	28	IAMS_20	IAMS_20	06 29 04.3
KLU	baz=246 comp=Z,3um,22.0s					
KLU	Klutina	68.84	28	P	P	06 03 15.9 +0.9
KLU	baz=256,SNR=122					
CCB	Clear Creek Bu	68.85	25	IAMS_20	IAMS_20	06 27 34.4
CCB	comp=Z,4um,22.0s					
M24K	Tolsona, Glenn	68.88	28	IAMS_20	IAMS_20	06 28 30.2
M24K	comp=Z,3um,21.0s					
M24K	Tolsona, Glenn	68.88	28	P	P	06 03 16.5 +1.3
M24K	baz=256,SNR=65					
BTLS	Baital	68.88	314	eP	P	06 03 15.4 -0.1
BTLS	comp=Z,150nm,1.0s,ba					
BTLS	Baital	68.88	314	eP	P	06 03 15.3 -0.1
BTLS	comp=Z,150nm,1.0s					
COLA	College	68.90	25	IAMS_20	IAMS_20	06 28 23.5
COLA	comp=Z,4um,22.0s					
COLA	College	68.90	25	P	P	06 03 15.6 +0.5
COLA	College	68.90	25	P	P	06 03 14.8 -0.4
COLA	baz=253					
COLA	College	68.90	25	P	P	06 03 17.8 +3.7
COLA	comp=Z,301nm,1.3s					
COLA	College	68.90	25	P	P	06 03 14.8 -0.4
COLA	College	68.90	25	P	P	06 03 28.6 -1.2
EKS2	Erkin-Say	68.94	311	P	P	06 03 16.6 +0.5
AML	Almayashu	68.98	311	P	P	06 03 17.9 +1.3
AML	SNR=40					
POKR	Poker Plat Res	69.14	25	P	P	06 03 16.3 -0.4
POKR	comp=Z,225nm,1.2s					
POKR	Poker Plat Res	69.14	25	P	P	06 03 16.2 -0.5
POKR	baz=253,SNR=25					
POKR	Poker Plat Res	69.14	25	P	P	06 03 16.2 -0.5
POKR	comp=Z,4um,22.0s					
HDA	Harding Lake	69.14	25	P	P	06 03 16.1 -0.6
HDA	comp=Z,208nm,0.9s					
HDA	Harding Lake	69.14	25	P	P	06 03 16.2 -0.5
HDA	baz=254,SNR=112					
H24K	Noodor Dome	69.17	24	P	P	06 03 17.8 +0.8
H24K	comp=Z,3um,20.0s					
H24K	Noodor Dome	69.17	24	P	P	06 03 17.8 +0.8
H24K	baz=253,SNR=331					
H24K	Noodor Dome	69.17	24	P	P	06 03 17.8 +0.8
H24K	baz=253					
H24K	Noodor Dome	69.17	24	P	P	06 03 17.8 +0.8
H24K	baz=253					
D23K	Nanushuk River	69.18	20	P	P	06 03 18.6 +1.7
D23K	baz=249,SNR=223					
D23K	Nanushuk River	69.18	20	P	P	06 03 18.6 +1.7
D23K	baz=249					
RAGM	Ragged Mountai	69.19	30	IAMS_20	IAMS_20	06 28 43.4
RAGM	comp=Z,3um,22.0s					
RAGM	Kayak Island	69.22	30	P	P	06 03 18.6 +1.4
RAGM	baz=258,SNR=20					
NIL	Nilore	69.22	301	P	P	06 03 18.9 +1.1
NIL	comp=Z,991nm,1.0s					
NIL	Nilore	69.22	301	P	P	06 03 19.0 +1.1
NIL	comp=Z,991nm,1.0s					
E23K	Chandalar	69.23	21	IAMS_20	IAMS_20	06 27 11.3
E23K	comp=Z,4um,22.0s					
E23K	Chandalar	69.23	21	P	P	06 03 18.6 +1.3
E23K	baz=250,SNR=357					
IL31	Elison Array	69.27	25	P	P	06 03 16.4 -1.1
IL31	comp=Z,258nm,0.9s					
ILAR	Elison Array	69.27	25	P	P	06 03 16.5 -1.0
ILAR	comp=Z,193nm,0.8s,ba					
ILAR	Gremner River	69.35	29	P	P	06 03 19.1 +1.0
ILAR	baz=258,SNR=124					
BMRM	Hamilin	69.38	30	IAMS_20	IAMS_20	06 29 11.5
BMRM	comp=Z,4um,20.0s					
BMRM	Hamilin	69.38	30	IAMS_20	IAMS_20	06 29 11.5
BMRM	comp=Z,4um,20.0s					
PAX	Paxson	69.41	27	P	P	06 03 19.1 +0.6
PAX	baz=256,SNR=260					
PAX	HAARP	69.41	28	P	P	06 03 19.5 +1.1
PAX	baz=256,SNR=152					
TOLK	Toolik Lake Re	69.44	21	P	P	06 03 19.7 +1.2
TOLK	baz=250,SNR=75					
TOLK	Donnelly Dome	69.48	26	P	P	06 03 19.2 +0.3
TOLK	baz=255,SNR=87					
K24K	Chitna, Valde	69.49	28	IAMS_20	IAMS_20	06 28 47.3
K24K	comp=Z,4um,22.0s					
K24K	Chitna, Valde	69.49	28	P	P	06 03 20.2 +1.2
K24K	baz=257,SNR=69					
N25K	Chitna, Valde	69.49	28	P	P	06 03 20.2 +1.2
N25K	comp=Z,4um,22.0s					
N25K	Chitna, Valde	69.49	28	P	P	06 03 20.2 +1.2
N25K	baz=257,SNR=69					
KAD	Karad	69.50	284	eP	P	06 03 19.7 -0.1
KAD	comp=Z,4um,22.0s					
KAD	Itkiklik River	69.52	19	P	P	06 03 20.1 +1.2
KAD	baz=249,SNR=91					
C23K	Hadweenic Riv	69.58	23	IAMS_20	IAMS_20	06 30 12.7
C23K	comp=Z,4um,21.0s					
G24K	Hadweenic Riv	69.58	23	P	P	06 03 20.5 +1.1
G24K	baz=253,SNR=188					
G24K	Osh	69.61	309	P	P	06 03 21.3 +1.1
G24K	comp=Z,472nm,1.5s					
E24K	Your Creek	69.64	21	IAMS_20	IAMS_20	06 26 56.1
E24K	comp=Z,4um,22.0s					
E24K	Your Creek	69.64	21	P	P	06 03 20.8 +1.1
E24K	baz=251,SNR=121					
E24K	Berg Lake	69.66	30	IAMS_20	IAMS_20	06 29 20.0
E24K	comp=Z,4um,19.0s					
POO	Poona	69.67	285	eP	P	06 03 20.4 -0.4
POO	comp=Z,150nm,1.3s					
POO	Poona	69.67	285	eP	P	06 03 20.4 -0.4
POO	comp=Z,150nm,1.3s					
F24K	Squaw Lake	69.68	22	IAMS_20	IAMS_20	06 29 56.2
F24K	comp=Z,3um,19.0s					

F24K	Squaw Lake	69.68	22	P	P	06 03 21.3 +1.3
F24K	baz=252,SNR=176					
BGL0	Beaver Glacier	69.81	30	P	P	06 03 22.9 +2.0
BGL0	baz=259					
J25K	Salcha River,	69.85	25	IAMS_20	IAMS_20	06 25 45.9
J25K	comp=Z,4um,22.0s					
J25K	Salcha River,	69.85	25	P	P	06 03 20.7 -0.5
J25K	baz=256,SNR=102					
J25K	Salcha River,	69.85	25	P	P	06 03 20.7 -0.5
J25K	baz=256					
J25K	Salcha River,	69.85	25	P	P	06 03 20.7 -0.5
J25K	baz=256					
RIDG	Independent Ri	69.86	26	IAMS_20	IAMS_20	06 29 31.2
RIDG	comp=Z,4um,22.0s					
RIDG	Independent Ri	69.86	26	P	P	06 03 21.6 +0.4
RIDG	baz=256,SNR=135					
RIDG	Independent Ri	69.86	26	P	P	06 03 21.6 +0.4
RIDG	baz=256					
D24K	Happy Valley	69.87	20	P	P	06 03 22.4 +1.3
D24K	baz=251					
D24K	Happy Valley	69.87	20	P	P	06 03 22.4 +1.3
D24K	baz=251					
VRDI	Verde Repeater	69.95	29	IAMS_20	IAMS_20	06 33 54.3
VRDI	comp=Z,3um,20.0s					
PPT	Papeete	69.95	114	P	P	06 03 23.9 +1.4
PPT	comp=Z,163nm,0.9s,ba					
PPT	Papeete	69.95	114	ePKIKP	P	06 03 18.9 -3.7
PPT	comp=Z,1um,26.2s					
PPT2	Papeete2	69.96	114	ePP	PP	06 05 57.0 -0.9
PPT2	comp=Z,4um,30.2s					
PPT2	Papeete2	69.96	114	eS	S	06 12 33.1 +2.9
PPT2	comp=Z,1um,25.0s					
PPT2	Papeete2	69.96	114	eSS	SS	06 17 06.1 +5.8
PPT2	comp=Z,276nm,22.5s					
PPT2	Papeete2	69.96	114	eLQ	LQ	06 21 15.4
PPT2	comp=Z,2um,27.2s					
PPT2	Papeete2	69.96	114	eLR	LR	06 24 28.0
PPT2	comp=Z,1um,25.2s					
PPT2	Papeete2	69.96	114	eLR	LR	06 24 29.0
PPT2	comp=Z,8um,26.5s					
PRP	Porcupine Dome	70.02	24	P	P	06 03 20.8 -1.5
PRP	comp=Z,4um,22.0s					
PRP	Porcupine Dome	70.02	24	P	P	06 03 20.8 -1.5
PRP	baz=255,SNR=26					
PRP	Porcupine Dome	70.02	24	P	P	06 03 20.6 -1.7
PRP	baz=255					
CRQE	Cirque	70.03	30	P	P	06 03 23.5 +1.1
CRQE	baz=259,SNR=96					
GOA	Goa	70.07	282	eP	P	06 03 23.1 -0.2
GOA	comp=Z,89nm,1.0s					
GOA	Goa	70.07	282	eP	P	06 03 23.1 -0.2
GOA	comp=Z,89nm,1.0s					
WAX	Waxelli Ridge	70.09	30	IAMS_20	IAMS_20	06 28 23.2
WAX	comp=Z,4um,22.0s					
H25L	Birch Creek	70.10	24	P	P	06 03 23.6 +1.1
H25L	baz=254,SNR=181					
H25L	Birch Creek	70.10	24	P	P	06 03 23.6 +1.1
H25L	baz=254					
C24K	Franklin Bluff	70.10	20	P	P	06 03 23.5 +1.1
C24K	baz=250					
C24K	Franklin Bluff	70.10	20	P	P	06 03 23.5 +1.1
C24K	baz=250					
G25K	Bearman Lake	70.13	23	P	P	06 03 23.8 +1.1
G25K	baz=254,SNR=59					

J29N	baz=262,SNR=38	S	S	06 13 02.4 +0.1		
I29M	Ogilvie Camp, baz=262,SNR=159	72.94	25	P	S	06 03 40.4 +0.7
I29M	baz=262	P	P	06 13 02.9 -0.2		
P30M	Million Dollar, baz=265	72.95	31	P	P	06 03 41.7 +1.7
P30M	baz=265	S	S	06 13 05.8 +2.5		
E28M	Babbage River, baz=260,SNR=144	72.98	22	P	S	06 03 41.2 +1.3
E28M	baz=260	S	S	06 13 03.9 +0.4		
N30M	Aishikhik Lake, baz=264,SNR=165	73.01	29	P	P	06 03 41.8 +1.5
N30M	baz=264	S	S	06 13 05.5 +1.4		
H29M	Whitestone, comp=Z,290nm,1.4s	73.04	24	P	IAMB	06 03 41.1 +0.8
H29M	baz=262	IAMS_20	IAMS_20	06 31 38.0		
H29M	Whitestone, baz=262,SNR=62	73.04	24	P	P	06 03 41.2 +0.9
H29M	baz=262	S	S	06 13 03.7 -0.4		
BHUJ	Bhuj, comp=Z,11um,3.9s	73.06	291	IAMB	IAMB	06 03 51.8
K29M	Barlow Dome, baz=263,SNR=278	73.08	27	P	IAMB	06 03 41.4 +0.7
K29M	comp=Z,473nm,0.9s	73.08	27	P	P	06 03 43.3
K29M	baz=263	S	S	06 13 06.1 +1.2		
S31K	Pelican, baz=266,SNR=14	73.15	33	P	P	06 03 42.2 +1.2
S31K	baz=266	S	S	06 13 07.3 +1.8		
S31K	baz=266	S	S	06 13 07.3 +1.8		
PLBC	Pleasant Camp, baz=265,SNR=166	73.19	31	P	P	06 03 42.8 +1.5
PLBC	baz=265	S	SKIKP	06 13 08.0 -1.7		
M30M	Minto, Yukon, comp=Z,3um,20.0s	73.27	28	IAMS_20	IAMS_20	06 36 06.1
M30M	Minto, Yukon, baz=264,SNR=185	73.27	28	P	P	06 03 43.0 +1.3
M30M	baz=264	S	S	06 13 07.5 +0.6		
G29M	Pine Creek, baz=262,SNR=92	73.28	24	P	P	06 03 42.9 +1.2
G29M	baz=262	S	S	06 13 08.1 +1.2		
D28M	Stokes Point, baz=260	73.39	21	P	S	06 03 43.5 +1.2
D28M	baz=260	S	S	06 13 08.7 +0.8		
O30N	Mendenhall, comp=Z,3um,22.0s	73.43	30	IAMS_20	IAMS_20	06 32 15.6
O30N	Mendenhall, baz=265,SNR=71	73.43	30	P	P	06 03 44.0 +1.3
O30N	baz=265	S	SKIKP	06 13 10.4 +0.3		
R31K	City Hall, Gus, baz=268	73.44	32	P	P	06 03 43.4 +0.7
E29M	Blow River, baz=261,SNR=72	73.55	22	P	P	06 03 44.0 +0.8
E29M	baz=261	S	S	06 13 08.4 -1.4		
SIT	Sitka, baz=267,SNR=16	73.58	34	P	P	06 03 45.9 +2.3
SIT	baz=267	S	S	06 13 12.0 +1.6		
N31M	Braeburn, Yuko, baz=265,SNR=175	73.64	29	P	P	06 03 45.5 +1.6
N31M	baz=265	S	S	06 13 13.1 +1.9		
J30M	Hart River, baz=264,SNR=196	73.68	26	P	P	06 03 45.5 +1.2
SKAG	Skagway, baz=266,SNR=48	73.72	31	P	P	06 03 46.1 +1.7
SKAG	baz=266	S	S	06 13 13.6 +1.6		
EPYK	Eagle Plains, baz=263,SNR=114	73.72	24	P	P	06 03 45.1 +0.8
EPYK	baz=263	S	SKIKP	06 13 10.7 +0.3		
EPYK	baz=263	S	S	06 13 15.1 +3.1		
I30M	Mount Dempster, baz=264,SNR=81	73.73	25	P	S	06 03 45.2 +0.7
I30M	baz=264	S	S	06 13 11.9 -0.3		
MAYO	Mayo, Yukon, baz=265,SNR=159	73.78	27	P	P	06 03 46.3 +1.6
G30M	toAh Zraii Nji, baz=263,SNR=178	73.99	24	P	P	06 03 46.3 +0.4
G30M	baz=263	S	S	06 13 14.4 -0.5		
S32K	Killisnoo, baz=268,SNR=28	74.01	34	P	P	06 03 47.2 +1.2
WHY	Whitehorse, baz=266,SNR=207	74.02	30	P	P	06 03 47.6 +1.4
WHY	Whitehorse, baz=266,SNR=207	74.02	30	P	P	06 03 47.8 +1.5
WHY	baz=266	S	S	06 13 18.2 +2.7		
R32K	Eaglecrest, comp=Z,253nm,1.1s	74.07	33	P	IAMB	06 03 47.3 +0.8
R32K	baz=266	IAMS_20	IAMS_20	06 31 15.6		
R32K	comp=Z,3um,21.0s	74.07	33	P	P	06 03 47.8 +1.3
R32K	baz=267,SNR=50	74.15	33	P	P	06 03 49.4 +2.6
JIS	Juneau Island, baz=264,SNR=193	74.23	23	P	S	06 03 48.2 +1.0
F30M	Barrier River, baz=264,SNR=193	74.23	23	P	S	06 13 17.3 -0.2
M31M	Drury Creek, Y, baz=266,SNR=119	74.35	29	P	S	06 03 49.1 +1.0
M31M	baz=266	S	S	06 13 18.7 -0.4		
P32M	Atlin, baz=268,SNR=135	74.55	31	P	P	06 03 50.8 +1.5
H31M	Peel River, baz=265,SNR=101	74.63	25	P	S	06 03 50.5 +0.8
H31M	baz=265	S	S	06 13 21.3 -0.8		
G31M	Satah River, baz=265,SNR=219	74.75	24	P	S	06 03 50.7 +0.5
G31M	baz=265	S	S	06 13 20.8 -2.5		
C31M	Craig, baz=269,SNR=35	74.76	36	P	P	06 03 52.1 +1.6
C31M	baz=269	S	S	06 03 51.9 +1.5		
C31M	baz=269	S	S	06 13 25.7 +2.0		
U33K	Whale Pass, comp=Z,3um,19.0s	74.77	35	IAMS_20	IAMS_20	06 35 04.1
U33K	Whale Pass, baz=269,SNR=80	74.77	35	P	P	06 03 52.0 +1.5
U33K	baz=269	S	S	06 13 25.8 +2.0		
F30M	Faro, Yukon, baz=267,SNR=108	74.84	29	P	S	06 03 51.8 +0.9
F30M	baz=267	S	S	06 13 25.7 +1.1		
T33K	Petersburg, baz=269,SNR=17	74.87	34	P	P	06 03 52.5 +1.4
N32M	Quiet Lake, baz=268	74.92	30	P	S	06 03 52.7 +1.3
N32M	baz=268	S	S	06 13 25.7 +0.1		
F31M	Tsigientchic, baz=266,SNR=60	75.00	23	P	P	06 03 51.9 +0.2
F31M	baz=266	S	S	06 13 23.9 -2.1		
P33M	Teslin, Yukon, baz=268,SNR=241	75.02	31	P	P	06 03 53.2 +1.2
INK	Inuvik, comp=Z,278nm,0.9s	75.15	22	P	P	06 03 52.6 +0.1

INK	comp=Z,278nm,0.9s	75.15	22	LR	LR	06 03 53.9
INK	Inuvik, comp=Z,1um,19.6s, baz=213,slow=36	75.15	22	P	P	06 03 52.7 +0.1
INK	baz=266,SNR=190	S	S	06 13 28.0 +0.3		
INK	baz=266	S	S	06 03 52.6 +0.1		
Q32M	Nakina River, comp=Z,278nm,0.9s	75.27	32	P	IAMB	06 03 54.9 +1.2
Q32M	comp=Z,437nm,1.4s	75.27	32	P	P	06 03 56.5
Q32M	Nakina River, baz=269,SNR=66	75.27	32	P	P	06 03 55.3 +1.7
Q32M	baz=269	S	S	06 13 28.9 -0.9		
V35K	Ketchikan, comp=Z,4um,19.0s	75.62	36	IAMS_20	IAMS_20	06 34 41.7
V35K	Ketchikan, baz=271,SNR=67	75.62	36	P	P	06 03 56.4 +1.0
V35K	baz=271	S	S	06 13 34.4 +1.0		
V35K	baz=271	S	S	06 13 34.4 +1.0		
S34M	Telegraph Cree, comp=Z,3um,20.0s	75.87	33	IAMS_20	IAMS_20	06 32 18.0
S34M	Telegraph Cree, baz=270,SNR=171	75.87	33	P	P	06 03 58.5 +1.7
S34M	baz=270	S	S	06 13 38.2 +2.2		
R33M	Jennings River, baz=270,SNR=259	75.94	32	P	P	06 03 59.1 +1.7
R33M	baz=270	S	S	06 13 38.4 +1.3		
TAOE	Nuku Hiva Isla, comp=Z,415nm,29.2s	76.11	102	eS	S	06 13 36.2 -4.1
TAOE	Nuku Hiva Isla, comp=Z,3um,27.3s	76.11	102	eLQ	LQ	06 23 46.6
TAOE	comp=Z,6um,30.7s	76.11	102	eLR	LR	06 27 16.6
TAOE	Nuku Hiva Isla, comp=Z,3um,20.0s	76.11	102	P	P	06 03 59.8 +0.7
T35M	Bob Quinn, baz=271,SNR=128	76.36	34	IAMB	IAMB	06 04 01.1 +1.5
T35M	comp=Z,303nm,1.1s	76.36	34	IAMS_20	IAMS_20	06 34 05.0
T35M	comp=Z,3um,20.0s	76.36	34	P	P	06 04 01.3 +1.6
T35M	baz=271,SNR=128	S	S	06 13 43.2 +1.7		
RUBB	Prince Rupert, comp=Z,391nm,1.1s	76.43	37	P	IAMB	06 04 01.3 +1.2
RUBB	baz=271	S	S	06 13 43.2 +1.7		
DLBC	Dease Lake, comp=Z,552nm,1.1s	76.44	33	P	IAMB	06 04 01.7 +1.5
DLBC	Dease Lake, comp=Z,3um,20.4s, baz=280,slow=32	76.44	33	LR	LR	06 32 39.5
DLBC	Dease Lake, baz=271,SNR=270	76.44	33	P	P	06 04 01.8 +1.5
DLBC	baz=271	S	S	06 13 43.4 +0.9		
U35K	Hyder, comp=Z,4um,19.0s	76.51	35	IAMS_20	IAMS_20	06 34 05.2
U35K	Hyder, baz=272,SNR=10	76.51	35	P	P	06 04 01.7 +1.2
U35K	baz=272	S	S	06 13 44.5 +1.5		
WTLY	Watson Lake, Y, comp=Z,2um,26.8s	77.03	31	P	P	06 04 04.7 +1.2
WTLY	Watson Lake, Y, baz=272,SNR=98	77.03	31	P	P	06 04 05.1 +1.6
WTLY	baz=272	S	S	06 13 48.5 -0.3		
TGTN	Hyland Airport, baz=272,SNR=144	77.24	29	P	S	06 04 06.0 +1.4
TGTN	baz=272	S	S	06 13 51.3 +0.3		
BBB	Bella Bella, comp=Z,366nm,1.1s	77.83	39	P	IAMB	06 04 08.9 +0.9
BBB	Bella Bella, comp=Z,3um,20.6s, baz=248,slow=31	77.83	39	LR	LR	06 32 38.0
HOLB	Holberg, baz=274,SNR=42	77.94	40	IAMB	IAMB	06 04 11.3
HOLB	comp=Z,470nm,1.0s	78.04	19	P	IAMB	06 04 09.1 +0.3
A36M	Sachs Harbour, comp=Z,203nm,0.9s	78.04	19	P	P	06 04 09.2 +0.4
A36M	Sachs Harbour, baz=272,SNR=18	78.04	19	S	S	06 13 57.0 -2.2
A36M	baz=272	S	S	06 13 57.0 -2.2		
HRA	Herat, baz=272	78.29	303	P	IAMB	06 04 11.5 +0.3
HRA	comp=Z,170nm,0.8s	78.43	31	P	P	06 04 12.3 +1.1
LIRD	Liard River Hi, baz=274,SNR=76	78.43	31	P	S	06 14 03.8 0.0
LIRD	baz=274	S	S	06 14 03.8 0.0		
AB31	Akbulak array, baz=276,SNR=118	78.45	318	I/P	P	06 04 11.0 -0.5
ABKAR	Akbulak array, comp=Z,252nm,0.9s	78.45	318	IAMB	IAMB	06 04 24.5
ABKAR	Akbulak array, baz=276,SNR=118	78.45	318	P	P	06 04 11.3 -0.2
C36M	Pauluk, comp=Z,274,SNR=42	78.51	21	P	S	06 14 01.7 -3.3
C36M	baz=274	S	S	06 14 01.7 -3.3		
ARTI	Arti, comp=Z,2um,18.0s	78.75	325	IAMS_20	IAMS_20	06 43 16.3
ARTI	Arti, comp=Z,2um,18.0s	78.75	325	I/P	P	06 04 13.0 0.0
ARTI	ARTI	06 07 08.4				
ARTI	ARTI	06 08 56.2				
ARTI	ARTI	06 14 11.8 +4.4				
ARTI	ARTI	06 19 18.7 +6.7				
TOAD	Toad River Com, comp=Z,204nm,1.0s	78.92	32	P	P	06 04 14.3 +0.3
WRGLY	Wrigley, baz=276,SNR=51	79.36	27	P	IAMB	06 04 17.1 +0.9
WRGLY	comp=Z,282nm,0.9s	79.36	27	P	P	06 04 18.2
WRGLY	Wrigley, baz=276,SNR=51	79.36	27	P	S	06 04 17.2 +1.0
WRGLY	baz=276,SNR=51	S	S	06 14 13.8 +0.2		
KOTAN	Kotaneelie Air, baz=276,SNR=118	79.40	31	P	P	06 04 17.3 +0.8
AKTO	Aktuyubinsk, comp=Z,32nm,0.7s, baz=87,slow=5.3,SNR=74	79.57	319	P	P	06 04 17.4 -0.2
AKTO	comp=Z,4.1nm,0.9s, baz=286,slow=2.7,SNR=69	79.57	319	P	PKKPbc	06 23 05.5 -1.6
AKTO	comp=Z,2.5nm,0.9s, baz=269,slow=4.9,SNR=4.1	79.57	319	P	PKKPbc	06 31 06.1
CBB	Campbell River, comp=Z,346nm,1.0s	79.76	41	P	IAMB	06 04 20.1 +1.5
CBB	comp=Z,500nm,0.9s	79.76	41	P	IAMB	06 04 21.4
OZB	Mount Ozzard, comp=Z,280nm,0.9s	79.80	42	P	P	06 04 19.8 +0.8
OZB	comp=Z,500nm,0.9s	79.80	42	P	IAMB	06 04 21.5
NGCH	Negor - Chabah, comp=Z,494nm,1.1s	80.48	294	P	S	06 04 24.3 +1.3
NGCH	comp=Z,287nm,1.0s	80.48	294	P	S	06 14 28.1 +1.4
C03A	Quillayute Air, comp=Z,287nm,1.0s	80.54	43	P	IAMB	06 04 24.2 +1.3
C03A	comp=Z,494nm,1.1s	80.54	43	P	IAMB	06 04 26.3
CLRS	Cowichan Lake, comp=Z,287nm,1.0s	80.71	42	P	IAMB	06 04 24.7 +0.9
CLRS	comp=Z,287nm,1.0s	80.71	42	P	IAMB	06 04 26.3
NLWA	Neilton Lookou, comp=Z,473nm,1.0s	81.09	43	P	P	06 04 27.1 +1.2
NLWA	comp=Z,473nm,1.0s	81.09	43	P	IAMB	06 04 28.8
PGC	Sidney, comp=Z,311nm,1.0s	81.18	42	P	IAMB	06 04 27.5 +1.2
PGC	comp=Z,311nm,1.0s	81.18	42	P	IAMB	06 04 28.7
COR	Corvallis, comp=Z,1um,1.7s	81.90	46	P	pmax	06 04 31.8 +1.6
COR	comp=Z,1um,1.7s	81.90	46	P	pmax	06 04 31.4
JCC	Jacoby Creek, comp=Z,3um,21.0s	82.10	49	P	IAMB	06 03 32.7 +1.4
L02F	Cave Junction, comp=Z,209nm,1.0s	82.17	48	P	IAMB	06 04 34.1
L02F	Dodson Butte, comp=Z,209nm,1.0s	82.17	48	P	P	06 04 32.5 +0.7

HUMO	Hull Mountain, comp=Z,4um,21.0s
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IDID	Didziasalis	95.90 330	eP			06 05 37.2	+0.1
ISAL	Salakas	96.06 330	P			06 05 37.9	0.0
NSS	Namosos	96.07 342	eP			06 05 36.5	-1.2
NSS				Ivmb_BB		06 05 43.9	
IGNA	comp-Z,6um,4.0s						
E28A	Huff	96.13 330	eP			06 05 38.1	-0.1
SIM	Simferopol	96.47 40	IAMS_20	IAMS_20		06 37 53.3	
SIM		96.51 319	eP			06 05 39.0	-1.2
SIM			eSP			06 18 19.0	+1.7
SIM				pmax			
MDND	Maddock	96.58 38	IAMS_20	IAMS_20		06 49 57.3	
SDCO	Great Sand Dune	96.62 49	IAMS_20	IAMS_20		06 41 22.2	
121A	Cookes Peak, D	96.62 55	P			06 05 42.6	+1.4
Y2D2	IRIS PASCAL I	96.80 53	P			06 05 43.1	+1.1
ANMO	Albuquerque	96.87 52	IAMS_20	IAMS_20		06 41 06.1	
ANMO	Albuquerque	96.87 52	LR			06 41 50.0	
ANMO	Albuquerque	96.87 52	iP			06 05 43.0	+0.7
ANMO				pmax			
ANMO				MLR			
VSVD	Vaisvydziai	96.89 331	eP			06 05 39.0	-2.6
AK03	Malin Array Si	96.89 325	P			06 05 39.8	-2.0
AKASG	Malin Array Be	96.90 325	P			06 05 39.8	-2.0
AKASG	comp-Z,12nm,1.0s,baz=49,slow=4.6,SNR=41					06 09 36.3	-0.7
AKASG	comp-Z,5.0nm,1.0s,baz=54,slow=6.3,SNR=4.0					06 10 17.6	-0.3
AKASG	comp-Z,1.4nm,0.6s,baz=52,slow=2.3,SNR=4.1					06 22 22.4	-2.2
AKASG	comp-Z,4.2nm,0.8s,baz=260,slow=3.6,SNR=11					06 51 35.8	
AKBB	Malin Array Si	96.90 325	eP			06 05 39.5	-2.3
AKBB	Malin Array Si	96.90 325	P			06 05 39.8	-2.0
AK09	Malin Array Si	96.91 325	P			06 05 39.9	-1.9
AK01	Malin Array Si	96.91 325	P			06 05 39.9	-2.0
KIEV	Kiev	96.91 325	iP			06 05 39.9	-2.0
KIEV	Kiev	96.91 325	iP			06 05 40.2	-1.7
KIEV	Kiev	96.91 325	iP			06 05 40.2	-1.7
KIEV	Kiev	96.91 325	iP			06 05 39.8	-2.0
AK08	Malin Array Si	96.92 325	P			06 05 39.9	-2.0
LP1G	La Paz	97.07 64	LR			06 40 57.2	
SCO	Scoresby Sund	97.12 356	iP			06 05 41.0	-1.4
PABE	Paberze	97.13 331	eP			06 05 42.6	-0.1
MI30	MI30,Zelenitsa	97.45 326	P			06 05 42.2	+2.1
SLBS	Sierra La Lagu	97.50 64	IAMS_20	IAMS_20		06 41 48.1	
TBLU	Trondheim	97.52 341	eP			06 05 42.8	-1.5
ULM	Lac du Bonnet	97.64 35	P			06 05 44.3	-0.9
ULM	comp-Z,2.7nm,1.1s,baz=295,slow=6.3,SNR=7.9					06 47 02.8	
ULM	comp-Z,3um,19.1s,baz=298,slow=34						
MI28	Lac du Bonnet	97.64 356	P			06 05 44.7	-0.5
MI28	MI28,Pidlybu	97.65 325	P			06 05 43.5	-1.7
MI29	M129, Kamyanyy	97.81 325	P			06 05 44.2	-1.7
LUBAR	Lubar, Ukraine	98.10 325	P			06 05 45.2	-2.1
SUW	Suwalki	98.34 330	eP			06 05 46.2	-2.0
SUW				eL		06 49 59.9	
SUW	Suwalki	98.34 330	IAMS_20	IAMS_20		06 50 28.5	
SUW	Suwalki	98.34 330	eP			06 05 46.8	-1.4
SUW	Suwalki	98.34 330	P			06 05 46.6	-1.6
SUW				pmax			
RNPP8	Varash	98.42 327	P			06 05 47.3	-1.4
RNPP5	Staryi Chortor	98.46 327	P			06 05 47.2	-1.6
SUSD	Miller	98.49 41	IAMS_20	IAMS_20		06 44 21.0	
HFS	Hagfors	98.57 338	P			06 05 47.5	-1.6
HFS	comp-Z,2.3nm,1.0s,baz=95,slow=3.4,SNR=15					06 09 49.7	+0.3
HFS	comp-Z,6.6nm,0.7s,baz=46,slow=6.2,SNR=24					06 22 17.3	-3.1
HFS	comp-Z,2.3nm,0.7s,baz=184,slow=1.3,SNR=3.6					06 54 30.7	
HFS	comp-Z,868nm,18.1s,baz=48,slow=98						
MAW	Mawson	98.65 203	P			06 05 48.5	-0.6
MAW	comp-Z,6.6nm,0.9s,baz=46,slow=5.6,SNR=8.6					06 22 18.0	-2.7
MAW	comp-Z,1.5nm,0.6s,baz=302,slow=6.9,SNR=4.8					06 48 22.9	
MAW	comp-Z,1um,20.4s,baz=66,slow=34						
MAW	comp-Z,6.6nm,0.9s						
DOMB	Dombas	98.78 341	eP			06 05 49.2	-0.9
DOMB				Ivmb_BB		06 05 52.8	
NB2	NORSAR Subarra	98.81 340	P			06 05 48.3	-1.9
NB2	comp-Z,7.1nm,0.8s,baz=52,slow=5.1					06 09 56.5	+5.2
NOA	NORSAR Array B	98.81 340	P			06 05 48.5	-1.7
NOA	comp-Z,1.14nm,1.4s,baz=43,slow=7.9					06 09 51.3	+0.1
NOA	comp-Z,1.8nm,0.9s,baz=52,slow=4.3,SNR=26					06 53 48.9	
NOA	comp-Z,5.3nm,1.0s,baz=47,slow=7.9,SNR=3.2					06 53 48.9	
NOA	comp-Z,1um,20.9s,baz=40,slow=37						
ICESG	Greenland Ice	98.82 2	iP			06 05 48.3	-2.2
NC602	NORSAR Array S	98.91 339	eP			06 05 48.9	-1.8
NC602			eSKSac	SKSac		06 16 31.3	+6.0
NC602				Ivms_BB		06 52 06.0	
BR13	Keskin Array S	98.97 314	eP			06 05 50.0	-1.6
BR13	Keskin Array B	98.97 314	P			06 05 50.5	-1.1
BR13	comp-Z,1.1nm,1.0s,baz=66,slow=3.1,SNR=38					06 09 52.6	-0.8
BR13	comp-Z,9.5nm,1.0s,baz=69,slow=6.8,SNR=4.3					06 22 18.4	-0.4
BR13	comp-Z,5.2nm,0.8s,baz=195,slow=3.4,SNR=20					06 57 08.2	
BR14	Keskin Array S	98.97 314	P			06 05 50.2	-1.4
NRD00	Novodnistrovsk	98.99 324	P			06 05 49.4	-1.8
AKN	Aknaes	99.32 342	eP			06 05 49.0	-3.0
ASF	Jabal al Asfar	99.38 306	eP			06 22 16.1	-1.2
ASF	comp-Z,1.7nm,0.4s,baz=207,slow=0.3,SNR=6.9					06 56 05.9	
ANTO	Ankara	99.50 314	S	SKSac		06 06 27.2	-2.1
KMPD	K-Podolskiy	98.52 324	P			06 05 51.7	-1.9
FRB	5 Mile Ranch	99.52 39	IAMS_20	IAMS_20		06 49 18.2	
FRB	Frøbrosher Bay	99.54 15	LR			06 56 01.4	
SKAR	Skarslia	100.04 340	eP			06 05 57.4	+1.6
SKAR				eSKSac		06 16 32.7	+1.7
LVV	L'vov	100.22 326	eP			06 05 56.0	-0.7
LVV				eS		06 16 29.0	
LVV				MLR		06 17 25.0	
MMAI	Mount Meron Ar	100.25 307	P			06 05 56.4	-0.9
MMAI	comp-Z,16nm,0.9s,baz=46,slow=4.8,SNR=17					06 10 02.9	-0.5
ECSD	EROS Data Cent	100.42 41	IAMS_20	IAMS_20		06 45 36.3	
ATD	Arta Tunnel	100.36 284	IAMS_20	IAMS_20		06 45 49.9	
ATD	Arta Tunnel	100.36 284	eP			06 10 17.5	-7.7
ATD	Arta Tunnel	100.36 284	eP			06 10 17.6	-7.6
BGNE	Belgrade	100.36 44	IAMS_20	IAMS_20		06 45 20.9	
CBKS	Cedar Bluff	100.39 46	IAMS_20	IAMS_20		06 46 23.7	
KSV	Kosov	100.44 324	P			06 05 56.2	-1.6
TESR	Tescani	100.45 322	iP			06 05 56.9	-0.9
HARA	HARA	100.51 282	eP			06 10 23.3	-2.4
AMTX	Amarillo	100.55 51	IAMS_20	IAMS_20		06 43 44.3	

BURAR	Bucovina Array	100.72 324	iP			06 05 58.6	-0.6
BURAR	Bucovina Array	100.72 324	iP			06 05 58.6	-0.6
VRI	Vrincioara	100.73 322	P			06 05 58.5	-0.6
BEL	Belsk	100.78 329	eP			06 06 05.5	+6.4
BEL			ePP			06 10 10.6	+4.2
BEL			eL			06 51 41.5	
PLOR	Plostina	100.78 322	iP			06 05 59.9	+0.5
PLOR	Plostina	100.78 322	iP			06 05 59.9	+0.5
TXAR	Lajitas Array	101.03 57	P			06 06 01.5	+0.6
TXAR	comp-Z,5.5nm,0.9s,baz=283,slow=7.2,SNR=42					06 10 08.8	-0.6
TXAR	comp-Z,1.1nm,0.9s,baz=123,slow=4.6,SNR=6.1					06 22 10.9	-1.6
TXAR	comp-Z,0.5nm,0.9s,baz=123,slow=4.6,SNR=6.1					06 30 25.7	
KWP	Kalwaria Pasa	101.04 326	eP			06 05 59.7	-0.6
KWP			ePP			06 06 10.9	-0.4
KWP			eL			06 10 13.3	+4.7
KWP			eL			06 50 13.4	
KWP	Kalwaria Pasa	101.04 326	P			06 05 59.8	-0.6
TURR	Turia	101.06 322	iP			06 06 00.7	+0.1
RS2A	Long Quarter	101.28 47	IAMS_20	IAMS_20		06 48 43.3	
MLR	Muntele Rosu	101.39 322	PKKPbc	PKKPbc		06 06 02.0	-1.5
KOLS	Kolonice sedl	101.67 326	eP			06 06 02.9	-0.3
KOLS	Kolonice sedl	101.67 326	ePP			06 10 28.0	+1.4
KOLS	Kolonice sedl	101.67 326	ePDIFF			06 06 02.9	-0.3
BMR	Baia Mare	101.68 325	iP			06 06 03.9	+0.6
BMR	Baia Mare	101.68 325	iP			06 06 03.9	+0.6
VOIR	Voiron	101.96 322	iP			06 06 08.7	+4.0
TEJD	Ethiopian Broa	102.03 285	eP			06 05 33.9	+5.6
QSPA	South Pole Qui	102.04 180	P			06 06 04.9	+0.4
QSPA	comp-Z,16nm,1.0s,baz=333,slow=2.1,SNR=26					06 10 15.7	-0.6
QSPA	comp-Z,16nm,1.1s,baz=42,slow=5.5,SNR=5.4					06 10 26.6	-0.1
QSPA	comp-Z,5.9nm,0.8s,baz=290,slow=1.6,SNR=6.3					06 22 07.6	-4.1
CRVS	Cervenica-Dubn	102.12 326	eP			06 06 05.2	0.0
CRVS	Cervenica-Dubn	102.12 326	ePDIFF			06 06 05.2	0.0
CJR	Cluj-Napoca	102.14 324	iP			06 06 05.9	+0.5
CJR	Cluj-Napoca	102.14 324	iP			06 06 05.9	+0.5
NSSA	Tabor	102.30 43	IAMS_20	IAMS_20		06 46 13.0	
TNR	Turnu Rosu	102.31 322	iP			06 06 06.7	+0.5
TNR	Turnu Rosu	102.31 322	iP			06 06 06.7	+0.5
MARR	Marisel-Cluj	102.44 324	iP			06 06 06.5	-0.3
NIE	Niedzica	102.45 327	eP			06 06 07.2	-0.4
NIE			eL			06 55 01.6	
NIE	comp-Z,1um,21.4s						
NIE	Niedzica	102.45 327	P			06 06 07.0	+0.3
RGN	Rugen	102.54 334	IAMS_20	IAMS_20		06 54 49.9	
DRGR	Drage	102.61 324	iP			06 06 07.1	-0.4
DRGR		102.61 324	iP			06 06 07.1	-0.4
WMOK	Wichita Mounta	102.79 50	IAMS_20	IAMS_20		06 45 09.6	
WMOK	Wichita Mounta	102.79 50	P			06 06 09.5	+1.0
DEV	Deva	102.99 323	P			06 06 08.7	-0.5
DEV				pmax			
LANS	Lipitovka Anna	103.05 327	ePP			06 10 34.5	+5.4
OKC	Ostrava-Krasne	103.32 328	AMS			06 57 50.0	
GZR	Gura Zlata	103.34 323	iP			06 06 10.1	-0.7
GZR	Gura Zlata	103.34 323	iP			06 06 10.1	-0.7
PSZ	Piszkesteto	103.55 326	IAMS_20	IAMS_20		06 55 32.4	
PSZ	Piszkesteto	103.55 326	iP			06 06 13.8	+2.1
PSZ	Piszkesteto	103.55 326	iP			06 06 11.5	-0.2
KSP	Ksiaz	103.62 330	eP			06 06 10.9	-0.9
KSP			ePP			06 06 21.9	-0.8
KSP			eL			06 55 34.7	
KSP	Ksiaz	103.62 330	P			06 06 11.5	-0.3
MORC	Moravsky Berou	103.67 329	ePDIFF			06 06 10.5	-1.6
MORC							

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like BTNL, MEMB, MOTA, SOTA, RETA, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like MVO, POLO, PAB, PAB, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like GDHS, ABD, CBE, GDSD, MAGL, etc.

IDC Z23 06:07:48.4-3.4, 16.245x172.74W, h0km, mb3.9g, mmtbms3.9/3, Error ellipse: s-maj=103.3km s-min=43.8km az=22.0, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res. Includes WRA, ASAR, TORP, etc.

SJA Z23 06:08:43.7-6.0, 24.335x70.09W, h64km, 4km, ML3.9, MWV.9

GUC Z23 06:08:44.6-0.7, 24.338x70.04W, h68km, 5km, ML4.1, NEIC Z23 06:08:44.2-1.3, 24.335x70.02W, h1.1, h54km, 9km, mb4.4/ML4.1 (GUC), Error ellipse: s-maj=14.9km s-min=6.9km az=98.0

ISC Z23 06:08:44.9-0.9, 24.315x073.018W, h0.06, h62km, gkm, n46, e157/58, 2D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res. Includes PB14, G002, AC01, etc.

Table with columns: LPL, La Plagne, 9.80, 22, ePn, Pn, 06 47 09.1 +2.3, 06 48 50.4 -5.8

SDD 23 06:47:05.6:1.2, 19:59N:71:42W, h52km, 13km, MD2.3, ML2.5, MW2.6, 1C-3D, Dominican Republic region

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

IDC 23 06:54:24.0:0.8, 29:31N:51:95E, h0km, mb3.9/2.1, mbtmp3.9/2.5, ML4.0/4.0, Error ellipse: s-maj=18.8km

TEH 23 06:54:26.4, 29:50N:51:97E, h8km, 27km, ML3.9, NEIC 23 06:54:26.3:1.2, 29:40N:0:07:51:92E:0.0:0.7, h10km, 2km, mb4.0/2.9, Error ellipse: s-maj=13.9km, s-min=7.5km

OMAN 23 06:54:31.9:0.1, 29:13N:52:26E, h10km, mb4.5/1.5, m4.2/8, ms3.3/1, Error ellipse: s-maj=1.4km, s-min=0.8km

DSN 23 06:54:34.0:1.2, 29:03N:52:38E, h10km, ML3.8/1.0, Error ellipse: s-maj=16.5km, s-min=11.8km, az=35.0

ISC 23 06:54:26.1:0.4, 29:44N:0:04:52.03E:0.03, h10km, n159, e180/187, mb4.1/4.0, Southern Iran

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

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Table with columns: WBK, Wadi Bani Khal, 9.23, 136, P, Pn, 06 56 39.3 0.0

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Table with columns: WBK, Wadi Bani Khal, 9.23, 136, P, Pn, 06 56 39.3 0.0

Table with columns: HHC, comp=2.1, 150m, 6.4s, pmax, pmax

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Table with columns: HHC, comp=2.1, 150m, 6.4s, pmax, pmax

IDC 23 07:23:08.4:0.6, 19:82N:71:23W, h0km, mb4.0/1.4, mbtmp4.1/2.0, ML3.5/5.5, Error ellipse: s-maj=18.2km

NEIC 23 07:23:09.9:2.0, 19:71N:0:04:71:32W:0.0:0.6, h10km, 1km, mb4.4/5.0, Error ellipse: s-maj=10.0km, s-min=5.7km

SDD 23 07:23:11.0:2.1, 19:73N:71:30W, h20km, 35km, MD4.1, ML4.2, MW4.3

ISC 23 07:23:10.2:1.2, 19:71N:0:03:71:27W:0.03, h16km, 8km, n121, e141/135, mb4.4/3.3, 7C-11D, Dominican Republic region

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

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

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23d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUR05 Kurchatov Arra, MAK21 Makanchi, etc.

NOU 23 07:54:02.0, 40.46S, 175.68E, h108km, MLV3.5/11, North Island, New Zealand
WEL 23 07:54:05.6, 0.5, 40.52E, 175.5E, h46km, 5km, M3.1/18, ML3.3/19, MLV3.1/18, Error ellipse: s-maj=0.0km s-min=0.0km az=106.3

ISC 23 07:54:03.3, 1.2, 40.39S, 0.03, 175.51E, 0.03, h82km, 6km, n122, a0996/155, North Island

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like POWZ Post Office Ro, OHWZ Ohakea, etc.

2018 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTZ Shannon Station, SNGZ Shannon, etc.

IDC 23 08:06:56.0, 3.2, 0.32N, 122.39E, h169km, 29km, mb3.3/5, mbmp3.9/6, Error ellipse: s-maj=56.9km s-min=16.9km az=64.0

DJA 23 08:06:57.0, 0.3, 0.3, 0.3, 122.2E, h141km, 4km, M4.3/12, mb4.5/6, mB4.8/2, MLV4.2/12, Mw(mb)4.1/2

ISC 23 08:06:54.5, 0.8, 0.31N, 0.07, 122.34E, 0.06, h150km, n17, c254/23, mb3.7/5, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GTOI Gorontalo, APSI Ampana, etc.

IDC 23 08:07:31.0, 4.5, 14.67N, 92.64W, h0km, mb3.5/2, mbmp3.7/3, ML3.6/1, MS2.9/1, Error ellipse: s-maj=231.2km s-min=73.4km az=46.0

MEX 23 08:07:35.0, 0.9, 14.36N, 92.84W, h10km, 70km, MD4.0, ISC 23 08:07:34.7, 1.3, 14.49N, 0.10, 93.78W, 0.05, h10km, n18, c1949/26, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCIG Pigeon, THIG Thig, etc.

1524

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BKI Bering, BKR Bering, etc.

GII 23 08:30:12.3, 0.3, 26.92N, 0.02, 34.365E, 0.008, h20km, Md3.74, Mws3.9/4, confirmed
SGS 23 08:30:18.2, 27.87N, 34.47E, h16km, M12.3
ISC 23 08:30:09.6, 1.7, 27.42N, 0.06, 34.35E, 0.08, h12km, n51, c2959/50, Red Sea

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include QLABS AI Qalibar, ZFRI Zfri, ZFRI Zfri, URD02 AI Ula, KZIT Kziot, KZIT Kziot, MSBI Mazda, MSBI Mazda, YTIR Yattir, YTIR Yattir, DSI Dead Sea, DSI Dead Sea, SLTI Sal'it, SLTI Sal'it, HMDT Nahal Hemdat, HMDT Nahal Hemdat, MMLI Mount Malkishu, MMLI Mount Malkishu, MMA0B Mount Meron ar, MMA0B Mount Meron ar.

KRSC 23 08:42:10.7z.2.4, 58.90N, 158.44E, h5km, 21km, M1.4
NERS 23 08:42:16.4, 58.89N, 158.55E, h0km
ISC 23 08:42:14.6, 0.9, 58.90N, 0.03, 158.64E, 0.03, h10km, n25,
r1547/34, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PALN Palana, PALN Palana, TIGL Tigil, TIGL Tigil, OSSR Oссора, OSSR Oссора, SDRD Sredinnyy, SDRD Sredinnyy, BDR Baidarnaya, BDR Baidarnaya, SMKR Semkarok, SMKR Semkarok, KRZR Krestovskiy, KRZR Krestovskiy, KOSZ Kozyrevsk, KOSZ Kozyrevsk, ESO Esso, ESO Esso, CIRR Tsirk, CIRR Tsirk, KPT Kopyto, KPT Kopyto, BZWR Bezymyanni-We, BZWR Bezymyanni-We, BZP Bezymyanni-Pr, BZP Bezymyanni-Pr, BZGR Bezymyanni-Ge, BZGR Bezymyanni-Ge, EVEN Evensk, EVEN Evensk, EVEN Evensk, EVEN Evensk, KMNr Kamenistaya, KMNr Kamenistaya, GADL Gadlja, GADL Gadlja, TLAR Talaya, TLAR Talaya, OMS Omsukchan, OMS Omsukchan, MA2 Magadan, MA2 Magadan, MA2 Magadan, MA2 Magadan, MGD Magadan, MGD Magadan, SEY Seymchan, SEY Seymchan, SEY Seymchan, TLON Talon, TLON Talon, SUUS Susuman, SUUS Susuman.

DNK 23 08:43:02.3z.2.6, 81.87N, 5.11W, h20km, 47km, ML1.3
BER 23 08:43:02.2z.2.6, 82.04N, 5.02W, h10km, mb(Fn)4.0,
ML2.2(DNK), Confirmed Earthquake
ISC 23 08:42:59.51, 1.813N, 0.11559W, 0.05, h10km, m11,
r261/15, North of Svalbard

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NOR Nord, NOR Nord, NOR Nord, NOR Nord, KBS Kingsbay, KBS Kingsbay, KBS Kingsbay, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, DAG Danmarks Havn, DAG Danmarks Havn, DAG Danmarks Havn, HSPB Hornsund (broa), HSPB Hornsund (broa), DBG Daneborg, DBG Daneborg, NEEM North Greenlan, NEEM North Greenlan, NEEM North Greenlan, NEEM North Greenlan.

IDC 23 09:04:38.4, 0.7, 57.41N, 33.12W, h0km, mb3.7/14,
mbtmp3.6/15, ML2.4/1, MS3.4/25, Error ellipse:
e-maj=22.0km e-min=15.7km az=9.0

ISC 23 09:04:40.8, 0.6, 57.4N, 0.1, 33.13W, 0.10, h15km, n40,
r087/20, mb3.8/15, MS3.4/21, Reykjanes Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BORG Borgarnes, BORG Borgarnes, Kangerlussuaq, Kangerlussuaq, FRB Frofisher Bay, FRB Frofisher Bay, SCHO Schefferville, SCHO Schefferville, SCHO Schefferville, NORSAR Array B, NORSAR Array B, HFS Hagfors, HFS Hagfors, ESDC Sonseca Array, ESDC Sonseca Array, ESDC Sonseca Array, DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, VRAN Vranov, VRAN Vranov, AKASG Malin Array B, AKASG Malin Array B, AKASG Malin Array B, ULM Lac du Bonnet, ULM Lac du Bonnet, VAE Valguarnera, VAE Valguarnera.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MLR Muntele Rosu, MLR Muntele Rosu, YKA Yellowknife Arr, YKA Yellowknife Arr, TKL Tuckaleechee C, TKL Tuckaleechee C, INK Inuvik, INK Inuvik, BRTR Keskin Array B, BRTR Keskin Array B, SJG San Juan, SJG San Juan, DLBO Dease Lake, DLBO Dease Lake, ILAR Eielson Array, ILAR Eielson Array, NEW Newport, NEW Newport, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, TORO Torodi Arr, TORO Torodi Arr, ANMO Albuquerque, ANMO Albuquerque, BVAR Borovoye Array, BVAR Borovoye Array, DBIC Dimbokro, DBIC Dimbokro, TXAR Lajitas Array, TXAR Lajitas Array, YBH Yreka Blue Hor, YBH Yreka Blue Hor, NVAR Niles Array, NVAR Niles Array, KURBB Kurchatov Arra, KURBB Kurchatov Arra, PFO Pinyon Flats O, PFO Pinyon Flats O, JTS Las Juntas de, JTS Las Juntas de, MKAR Makanchi Array, MKAR Makanchi Array, SONM Songina Array, SONM Songina Array, BDFB Brasilia, BDFB Brasilia, KRSR Korea Array, KRSR Korea Array, SNAA Sanae, SNAA Sanae, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, GSPA South Pole Qui, GSPA South Pole Qui.

JMA 23 09:09:00.8, 0.1, 23.2N, 0.2, 120.7E, 0.6, h0km, MV3.8/12,
TAIWAN REGION
NIED 23 09:09:00.8, 23.21N, 120.68E, h0km, MW3.7, Moment
Tensor Solution. s2 Moment tensor: Scale 1.014Nm;
Mn=0.62; Mw=3.05; Ms=2.43; Mb=1.57; Mw=2.07; Mw1.24;
Fault plane solution: Ms4.01000x10^14 NP1:
phi=246.00000, delta1.00000, lambda=150.00000. NP2:
phi=151.00000, delta0.00000, lambda=10.00000.
ASIES 23 09:09:01.1, 23.18N, 120.70E, h10km, ML3.9, Mw3.5,
Moment Tensor Solution. Moment tensor: Scale 1021Nm;
Mn=0.06; Ms=1.08; Mw=1.02; Mw=0.03; Ms=1.36; Mw=0.87;
Fault plane solution: Ms1.93000x10^21 NP1:
phi=160.10000, delta4.03000, lambda=25.56000. NP2:
phi=252.95000, delta4.59000, lambda=173.38000. Principal axes:
T P1g13.2840; Azm209.1450; N P1g63.7970;
Azm327.8150; P P1g22.1510; Azm113.6300;
TAP 23 09:09:01.1, 23.18N, 120.70E, h10km, ML3.9, B
ISC 23 09:09:01.6, 0.8, 23.18N, 0.01, 120.71E, 0.01, h13km, 44km,
n138, r088/245, 23C-27D, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include STYH Taoyuan, STYH Taoyuan, STYH Taoyuan, WTP Taipu, WTP Taipu, TPUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, SGST Jiashan, SGST Jiashan, CHN1 Nanshi, CHN1 Nanshi, SNST Tainan City, SNST Tainan City, SNST Tainan City, SLGT Liugu, SLGT Liugu, SLGT Liugu, CHN4 Tsauhsan, CHN4 Tsauhsan, CHN4 Tsauhsan, TWK Hsinying, TWK Hsinying, TWK Hsinying, WCKO Wanfu, WCKO Wanfu, WCKO Wanfu, ELDTW Lidau, ELDTW Lidau, ELDTW Lidau, CHN3 Shinhua, CHN3 Shinhua, CHN3 Shinhua, ALS Alishan, ALS Alishan, SCST Cishan, SCST Cishan, SCST Cishan, SHHT Tainan City, SHHT Tainan City, SSHA Shanhu, SSHA Shanhu, CHY Chiayi, CHY Chiayi, CHY Chiayi, CHN2 Minshung, CHN2 Minshung, CHN2 Minshung, CHN5 Tsaoling, CHN5 Tsaoling, CHN5 Tsaoling.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CHNS baz=5.0, CHNS baz=5.0, ICHU Yijhu, ICHU Yijhu, ICHU Yijhu, TWMI Shoushan, TWMI Shoushan, EHD Haiduan, EHD Haiduan, EHD Haiduan, TAI Yung-kang, TAI Yung-kang, SCLT Jiali, SCLT Jiali, SCLT Jiali, SCLT Jiali, LONT Longtian, LONT Longtian, LONT Longtian, LONT Longtian, TSMG Majia, TSMG Majia, TSMG Majia, TSMG Majia, ECS Chishang, ECS Chishang, ECS Chishang, ECS Chishang, CHNB Yiju, CHNB Yiju, CHNB Yiju, CHNB Yiju, CHNB Yiju, TWG Pinlang, TWG Pinlang, TWG Pinlang, TWG Pinlang, SGLT Jiouru, SGLT Jiouru, SGLT Jiouru, SGLT Jiouru, SGLT Jiouru, TWGBT Beinan, TWGBT Beinan, TWGBT Beinan, TWGBT Beinan, TWGBT Beinan, WKG Gukung, WKG Gukung, WKG Gukung, WKG Gukung, WKG Gukung, WDLH Douliu, WDLH Douliu, WDLH Douliu, WDLH Douliu, WDLH Douliu, WHYT Xinyi Township, WHYT Xinyi Township, WHYT Xinyi Township, WHYT Xinyi Township, WHYT Xinyi Township, SNJT Kaohsiung City, SNJT Kaohsiung City, SNJT Kaohsiung City, SNJT Kaohsiung City, SNJT Kaohsiung City, WSL Shulin Townsh, WSL Shulin Townsh, WSL Shulin Townsh, WSL Shulin Townsh, WSL Shulin Townsh, TWF1 Yuli, TWF1 Yuli, TWF1 Yuli, TWF1 Yuli, TWF1 Yuli, MASBT Mashbuluo, MASBT Mashbuluo, MASBT Mashbuluo, MASBT Mashbuluo, MASBT Mashbuluo, TSCK Chigu Township, TSCK Chigu Township, TSCK Chigu Township, TSCK Chigu Township, TSCK Chigu Township, WTK Tuku, WTK Tuku, WTK Tuku, WTK Tuku, WTK Tuku, WTK Tuku, YULB Yu-ii, YULB Yu-ii, YULB Yu-ii, YULB Yu-ii, YULB Yu-ii, YULB Yu-ii, EYUL Yuli, EYUL Yuli, EYUL Yuli, EYUL Yuli, EYUL Yuli, EDH Donghe, EDH Donghe, EDH Donghe, EDH Donghe, EDH Donghe, EYUL Yuli, EYUL Yuli, TTN Taitung, TTN Taitung, TTN Taitung, TTN Taitung, TTN Taitung, CHKT Chengkung, CHKT Chengkung, CHKT Chengkung, CHKT Chengkung, CHKT Chengkung, ECL Taimali, ECL Taimali, ECL Taimali, ECL Taimali, ECL Taimali, CHKH Changgong, CHKH Changgong, CHKH Changgong, CHKH Changgong, CHKH Changgong, WSF Zshu, WSF Zshu, WSF Zshu, WSF Zshu, WSF Zshu, WJS Zhushan, WJS Zhushan, WJS Zhushan, WJS Zhushan, WJS Zhushan, SSSL Suanglung, SSSL Suanglung, SSSL Suanglung, SSSL Suanglung, SSSL Suanglung, SSSL Suanglung, SSSL Suanglung, EHY Hungye, EHY Hungye, EHY Hungye, EHY Hungye, EHY Hungye, EHYW Wanrong, EHYW Wanrong, EHYW Wanrong, EHYW Wanrong, EHYW Wanrong, WSSB Gushan, WSSB Gushan, WSSB Gushan, WSSB Gushan, WSSB Gushan, WNT Mingjing, WNT Mingjing, WNT Mingjing, WNT Mingjing, WNT Mingjing, ECBN Changbin, ECBN Changbin, ECBN Changbin, ECBN Changbin, ECBN Changbin, HGSD Ruisui, HGSD Ruisui, HGSD Ruisui, HGSD Ruisui, HGSD Ruisui, TYC Yuchr, TYC Yuchr, TYC Yuchr, TYC Yuchr, TYC Yuchr, EAST Anshuo, EAST Anshuo, EAST Anshuo, EAST Anshuo, EAST Anshuo, SCZT Fengliu, SCZT Fengliu, SCZT Fengliu, SCZT Fengliu, SCZT Fengliu, EGFH Guangfu, EGFH Guangfu, EGFH Guangfu, EGFH Guangfu, EGFH Guangfu, WARBT Fenglin Townsh, WARBT Fenglin Townsh, WARBT Fenglin Townsh, WARBT Fenglin Townsh, WARBT Fenglin Townsh, TAW Tawu, TAW Tawu, TAW Tawu, TAW Tawu, TAW Tawu.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like QMBU, MOAC, GTBY, etc.

ISC 23 13:18:44.7±1.2,29.35N,0.07x113.67W,0.06,h10km,n11, +070/13,3C-2D,Gulf of California

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SLGB, PLIB, SFOB, etc.

ISC 23 13:20:03.4±1.5,57.64N,33.12W,h0km,mb3.5/7, mbmp3.5/7,Error ellipse: s-maj=49.3km s-min=24.2km az=16.0

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

ISC 23 13:22:03.1±0.8,42.43N,123.55E,h0km,mb3.8/10, s-maj=16.5km s-min=13.7km az=19.0

ISC 23 13:22:04.2±2.7,42.44N,108.123.6E,0.1,h10km,1km, mb4.7/11,Error ellipse: s-maj=15.9km s-min=12.7km az=264.0

ISC 23 13:22:04.7±0.5,42.43N,108.123.55E,h0km,n39, +152/38,mb4.0/14,Northeastern China

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MDJ, INCN, KS19, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BRTR, ASAR, ESDC.

ISC 23 13:28:13.7±0.9,57.26N,33.71W,h0km,mb3.6/8, mbmp3.6/8,MS3.7/37,Error ellipse: s-maj=33.6km s-min=18.7km az=18.0

ISC 23 13:28:15.3±0.9,57.3N,0.2,33.7W,0.1,h10km,n41, +192/10,mb3.7/8,MS3.7/33,Reykjanes Ridge

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BORG, SFBD, FRJH, etc.

ISC 23 13:29:47.1±0.7,35.24N,140.99E,h0km,mb4.0/19, mbmp4.0/24,ML3.8/5,MS3.2/10,Error ellipse: s-maj=18.5km s-min=13.7km az=97.0

MOS 23 13:29:48.2±1.0,35.26N,141.27E,h26km,mb4.7/10,Error ellipse: s-maj=11.3km s-min=6.4km az=109.5

BUI 23 13:29:49.3±0.3,35.28N,140.81E,h20km,mb4.5/29, mb4.6/8,Ms7.4,0.4

NEIC 23 13:29:50.5±1.3,35.23N,0.05,141.20E,0.1,h27km,5km, mb4.8/23,Error ellipse: s-maj=11.5km s-min=6.9km az=99.0

NIED 23 13:29:51.0±0.35,29N,141.07E,h38km,MW4.2 Moment Tensor Solution. s3 Moment Tensor: Scale 1015N; Mn:-1.34; Mw:-0.62; Ms:1.95; Mo:-0.86; Mv:-1.10; Mw:0.37; Fault plane solution: M2.21000x10^15 NP1: 0.130,00000, 0.64,00000, -1,130,00000. NP2: 0.13,00000, 0.47,00000, -1,37,00000.

JMA 23 13:29:51.0±0.2,35.3N,0.4,141.1E,0.8,h38km,2km, MD4.2/38,MW4.2/38, E OFF BOG PENINSULA

JMA Fc11 Jf1 at E OFF BOG PENINSULA

ISC 23 13:29:51.3±0.8,35.26N,0.04,141.06E,0.05,h32km,5km, n146,+1937/13,mb4.3/36,MS3.2/6,2C-2D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BSO1, KTR, JSMT, etc.

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JIHU, TATJ, JYO, etc.

23d 14h

Table of astronomical observations for 23d 14h, listing stations like H11S3, H11S2, SOMM, etc., with columns for station name, time, and other parameters.

2018 SEP

Main table of astronomical observations for 2018 SEP, listing stations like MOPA, MUSN, MUMU, etc., with columns for station name, time, and other parameters.

1532

Table of astronomical observations for 1532, listing stations like S1RN, KOTA, MUMU, etc., with columns for station name, time, and other parameters.

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

IDC 23 15:05:04.5-4.7, 37.26N:72.20E, h188km, mb3.7/1, mbmp4.07, MS2.9/1, Error ellipse: s-maj=53.0km, s-min=34.1km az=134.0

BUI 23 15:05:05.6-0.0, 37.54N:72.18E, h225km, mb4.3/9, mb4.7/6

NEIC 23 15:05:06.6-1.9, 37.42N:0.06:72.3E:0.1, h205km, 6km, mb4.6/4, Error ellipse: s-maj=15.9km s-min=6.4km az=118.0

NNC 23 15:05:10.6-2.8, 37.75N:72.06E, h193km, 42km, mb2.8, mpv3.8, Error ellipse: s-maj=29.9km s-min=17.1km az=11.0

ISC 23 15:05:06.0-0.6, 37.40N:0.05:72.31E:0.06, h200km, n51, r143/59, mb4.7/7, 4C-2D, Tajikistan

Main table of station data for the 23d 15h period. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations like Garm, Chuyangaron, Kashi, Arslanbob, Alaymashu, etc.

MOS 23 15:05:32.3-1.1, 36.49N:140.74E, h55km, mb4.6/12, Error ellipse: s-maj=10.0km s-min=6.0km az=121.0
BUI 23 15:05:32.8-0.0, 36.53N:140.64E, h62km, mb4.5/24, mb4.6/8, Ms4.0/2
JMA 23 15:05:34.2-0.1, 36.5N:0.2:140.6E:0.5, h55km, MD4.1/40, MV4.3/40, NORTHERN IBARAKI PREF
JMA Felt III J1 at NORTHERN IBARAKI PREF
NEIC 23 15:05:34.5-1.8, 36.50N:0.06:140.67E:0.0, h54km, 6km, mb4.6/41, Error ellipse: s-maj=11.4km s-min=7.1km az=114.0
NIED 23 15:05:34.2, 36.45N:140.61E, h55km, MW4.2, Moment Tensor Solution, s3 Moment tensor, Scale 10^19 Nm^2; Mn:0.95, Mb:0.43, Ms:1.38, Mw:0.92, Mb:1.00, Mw:0.76; Fault plane solution: M0=1.92000E+1015, NP:1.61000E+00; S:71.00000, lambda:122.00000, NP2:169.00000, delta:7.00000, lambda:33.00000

IDC 23 15:05:34.2-1.6, 36.43N:140.81E, h63km, 13km, mb3.9/18, mbmp4.2/25, MS2.8/4, Error ellipse: s-maj=15.1km s-min=9.0km az=77.0

ISC 23 15:05:34.0-0.6, 36.47N:140.72E:0.05, h55km, 5km, n193, r127/164, mb4.5/47, 6C-9D, Near east coast of eastern Honshu

Main table of station data for the 2018 SEP period. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations like Hitachinakyam, Hitachi, Hitachi, Hitachi, etc.

Main table of station data for the 1534 period. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations like Petropavlovsk, Petropavlovsk, Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Alice Springs, Warramunga Arr, Mawson, etc.

1537 17:13:25.42, 37.58N, 141.95E, h0km, mb3.6/4, mbtmp3.5/5, ML2.6/1, Error ellipse: s-maj=62.3km s-min=27.9km az=61.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Marumori, OTAMA OYAMA, Okura, etc.

1537 17:26:00.54, 4.563S, 131.93E, h0km, mb3.9/2, mbtmp3.7/4, ML3.6/2, Error ellipse: s-maj=318.2km s-min=28.8km az=74.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, WRA, WYRA, etc.

1537 17:31:39.25, 29.00N, 34.78E, h21km, ML1.5, Egypt

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Jabal al Moall, HOLS, etc.

1537 17:41:24.1, 29.23N, 34.80E, h15km, ML1.3, Egypt

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HOLS, JMOS, etc.

HEL 23 18:07:23.0, 4.0, 67.91N, 20.37E, h0km, ML1.2, Explosion, Sweden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VRF, Oulanka, etc.

1537 18:31:51.0, 15.0, 2.39S, 124.99E, h0km, mb4.2/2, mbtmp4.4/3, ML4.9/1, Error ellipse: s-maj=233.4km s-min=159.8km az=145.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SANI, SOEI, etc.

1537 18:33:07.5, 0.7, 6.27S, 0.09, 127.6E, 0.08, h408km, n35, a1961/36, mb4.3/5, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WBO, WRAB, etc.

1537 18:37:31.39, 25.90N, 34.78E, h21km, ML1.5, Egypt

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OOD, MORW, etc.

1537 18:47:20.4, 5.5, 10.85S, 162.38E, h100km, 50km, mb3.6/8, mbtmp4.0/9, MS3.3/1, Error ellipse: s-maj=27.0km s-min=24.9km az=161.0

1537 18:47:20.4, 0.8, 10.85S, 0.1x162.4E, 0.2, h100km, n17, a0562/10, mb3.7/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, STKA, etc.

1537 18:47:20.4, 4.5, 10.85S, 162.38E, h100km, 50km, mb3.6/8, mbtmp4.0/9, MS3.3/1, Error ellipse: s-maj=27.0km s-min=24.9km az=161.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, H1S2, etc.

1537 18:48:18.2, 2.4, 24.91S, 175.75W, h0km, mb4.0/3, mbtmp4.0/4, ML5.2/1, MS3.2/2, Error ellipse: s-maj=65.3km s-min=49.9km az=144.0

1537 18:48:23.7, 1.5, 25.05S, 0.2x176.4W, 0.3, h10km, n12, a1924/10, mb4.1/6, SC, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF, PPT, etc.

HEL 23 18:07:25.0, 4.1, 67.95N, 33.76E, h0km, ML1.2, Suspected explosion, Baltic States-Belarus-Northwestern Russia

comp=Z,1.1nm,0.5s,baz=322,slow=3.1,SNR=16
MJAR Matsushiro Arr 151.86 309 PKPbc PK7K 19 26 12.0 +1.4

comp=Z,1.1nm,1.1s
LPAZ La Paz 50.45 305 P P 19 35 49.0 +0.5

OUENC Ouen Island, N 13.38 247 P P 19 57 23.9 -0.7
DZM Mont Dzumac 13.62 249 P P 19 57 25.9 +0.1

IDC 23 19:10:47.5:2.0, 8.59S, 117.12E, h0km, mb3.2/3,
mbmp3.5/4, ML3.7/1, MS3.1/1, Error ellipse: s-maj=33.3km

LPAZ La Paz 50.45 305 P P 19 35 49.0 +0.9
CASY Casey 53.87 160 P P 19 36 13.3 +0.5

ONTNC Ouen Toro 13.68 248 P P 19 57 27.1 +0.8
ONTNC Ouen Toro 13.68 248 P P 19 57 27.2 +0.8

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like South Karori, Tasmania Uluru, Nelson, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Omahuta, Black Stump Fm, Pokaka, etc.

NEIC 23 19:26:54.1±2.9, 56.0S:0.1±27.0W:0.2, h35km, 2km,
mb4.7/23, Error ellipse: s-maj=22.6km s-min=14.8km

DJA 23 19:32:57.1±0.4, 9.5S:4.1±12.3E, h127km, 5km, M3.5/7,
mb4.0/1, MLV3.7/7

ODZ Otauhu Downs 28.46 194 P P 19 59 37.3 -1.5
WKZ Wanaka 28.67 197 P P 19 59 40.4 -0.3

IDC 23 19:27:06.4:0.5, 56.19S:27.24W, h146km, 39km, mb4.1/7,
mbmp4.6/9, Error ellipse: s-maj=20.9km s-min=16.1km

IDC 23 19:33:06.5:2.8, 8.27S: 123.46E, h254km, 52km, mb3.0/4,
mbmp3.6/6, Error ellipse: s-maj=60.4km s-min=13.0km

ODZ Otauhu Downs 28.46 194 P P 19 59 44.1 +1.1
ARMA Armadale 28.89 239 P P 19 59 44.1 +1.2

Main table for 1539, columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hope Point, Neumayer, etc.

Main table for 2018 SEP, columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Maumere, Ende, etc.

Main table for 23d 19h, columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mangrove Creek, etc.

23d 19h

Table with columns for station name, location, elevation, and various performance metrics. Includes stations like GUMO Guam, MTN Manton Dam, and WRKA Warakuma.

2018 SEP

Table with columns for station name, location, elevation, and various performance metrics. Includes stations like TPFO Pinon Flats, BNX BinXian, and N15K Kwethluk River.

1540

Table with columns for station name, location, elevation, and various performance metrics. Includes stations like SML Sawmill, CUT Chullina, and H16K Elin.

Table with columns: RIDG, P32M, HDA, Q32M, O30N, I23K, L27K, F19K, COLA, N30M, ILAR, SCRK, WHY, D17K, SRDT, E18K, H22K, HHC, HHC, HHC, POKR, DLBC, DLBC, J25K, G21K, G21K, M29M, H33K, N31M, F20K, C16K, RDOG, P33M, R33M, E19K, J27K, K26L, VHRN, H24K, C17K, M30M, M30M, L29M, F21K, PRP, G22K, G22K, G23K, ANMO, TXAR, C18K, DAWY, I26K, M31M, F22K, EGAK, D19K, DLMT, E20K, COLD, H25L, G24K, CMAR, REDW, K29M, K29M, FARO, IMW, B18K, C19K, D20K, WTLY, G25K, PZH, PZH, PZH, MAYO, E21K, I27K, F24K, F24K, PDAR, I28M

Table with columns: E23K, E23K, TOAD, LIRD, C21K, H27K, J30M, D22K, G26K, E24K, SAND, I29M, F25K, BMAR, TOLK, G27K, B21K, B20K, D23K, D23K, TGNT, I30M, ODSA, F26K, H29M, ELIB, RLMT, D24K, OZNA, C23K, B22K, EPYK, N23A, G29M, C24K, F28M, H31M, D25K, E27K, A22K, B33A, A21K, G30M, HBVL, TROLL, C27K, C26K, E28M, G31M, SNAK, SNAK, F30M, D27M, E29M, VNA3, APMT, F31M, VNA2, VNA1, INK, RSSD, SONM, PLCA, ZALV, MKAR, MKAR, MKAR, KURBB, KURBB, L61B, M65A, BVAR, BVAR, SPITS, BDFB, ARCES, FINES, FINES, FINES, KBZ, NB2, NOA, HFS, AKASG

Table with columns: AKASG, AK01, AK02, AK21, RNPPI, LUBAR, EKA, MILM, LODK, KWP, VLDR, BRTR, BRTR, BRTR, VARL, KIRS, SCTR, BURAR, F27K, GHRR, JHRR, JFRR, NEGRN, IZVR, KOLS, TPGR, TPGR, ONER, ANTO, ODBI, VRI, PLOR, CHRV, NIE, HARR, TLBR, KSP, KSP, COVR, ARCR, OZUR, PGOR, CHVC, DOPR, ISR, UPC, MMAI, MMAI, DPC, MLR, CLL, LANS, MORC, MORC, BRG, BRG, CBRR, CUBJ, PVCC, VOIR, MARR, HSKC, DRGR, VYHS, GOPC, PRU, VRAC, VRAC, PSB, JAVC, LOT, KRUC, HUMR, ZVHC, MDS, GZR, SURR, KHC, MEMB, BTNL, CKRC, CKRC, BSTI, BZS, BZS, GERES, GERES, BCLA, HERR, BIES, CONA, BMRD, RONA, BANR, DOU, MDVR, ELI, WLF, MOA, ARSA, FRGS, BIOA, SOKA, LESA, TEKS, BFO, KBA, OBKA, WATA, WTTA, RETA, MYKA, MOTA, PEHC, PKD, SQT, CRES, BBL, ABTA, HAPS, LJU, CRNS, CRNS, DAVA, BLY, RUD, FETA, SJES, BOJ, CEJ, A05A

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Diego Arcacena, Huaiquique, San Pedro de A., IPOC Station P, Yavi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like San Lorenzo, Diego Arcacena, Chusmiza, Huaiquique, Mina Guanaco, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Knik Glacier, Wood River Hill, Manley Poorman, Clear Creek Bu, Naaghedeneel, etc.

NEIC 23 20:50:20.40±0.5, 62.99N±0.03±151.26W±0.06, h134km, 7km, Error ellipse: s-maj=5.8km s-min=2.6km az=144.0

AEIC 23 20:50:20.7±0.6, 62.98N±0.04±151.25W±0.10, h132km±1km, ML2.7, ML3.0/152(NEIC), Error ellipse: s-maj=6.5km s-min=5.9km az=76.0, Central Alaska

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

ATH 23 20:53:30.0, 38.23N-22.00E, h18km±2km, ML2.3/3, Manual Solution by M.Kolligri First location: 2018/09/23 20:54:55, This location: 2018/09/25 07:45:07

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Paravola, Valsamata, Plessada-Kefalo, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Sn, Time, Res. Includes stations like GNI, IGLO, ASF, NATI, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Sn, Time, Res. Includes stations like AKKB, Malin Array Si, KIEV, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Sn, Time, Res. Includes stations like H1N3, WAKE ISLAND Hy, H1S1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Kuna River, Roundabout Mo, Meade River, Altna River, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Warramunga Arr, Warramunga WB2, Warramunga WRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARCES, KIF, KIF, KTKI, etc.

1551

Table with columns: Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like SOMM Sogingo Array, H112N WAKE ISLAND, H111N WAKE ISLAND, etc.

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2018 SEP

Table with columns: RCBR, Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like SAML Samuel, BOAV Boav Vista, TORO Torodi Arr, etc.

NOU 24 00:04:09.5, 22.335-1.79, h0km, MLV3.6/8, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like MARNC Mare, Loyalty, PINMG Pinang, etc.

NID 24 00:11:34.2, 20.78N-122.17E, h0km, MW4.2, Moment Tensor Solution, s3 Moment tensor: Scale 1015Nm

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like BUI 24 00:11:35.6, 0.0, 20.64N-121.72E, etc.

ISC 24 00:11:34.6, 20.61N-107.72E, h10km, n93, s123/86, mb4.0/23, MS3.2/15, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like TWGBT Beinan, TWGT Beinan, etc.

ISC 24 00:00:20.7, 0.6, 58.83S-108.25W, 0.1, h18km, n59, s109/50, mb4.5/13, 7C-2D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like HOPE Hope Point, ORCD Orcadas, etc.

ISC 24 00:14:22.2, 4.299N-113.00E, 0.09, h29km, 10km, n15, s105/24, mb3.6/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like JYAK Yakushimahirau, JYAK Minamitan, etc.

ISC 24 00:39:53.3, 0.7, 11.66N-86.32W, h0km, mb4.3/10,

24d 0h

Table with columns: Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like HHC comp=Z,5.0m,0.8s, HHC comp=Z,7.2m,5.3s, etc.

ISC 24 00:14:22.2, 4.299N-113.00E, 0.09, h29km, 10km, n15, s105/24, mb3.6/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like JYAK Yakushimahirau, JYAK Minamitan, etc.

ISC 24 00:14:22.2, 4.299N-113.00E, 0.09, h29km, 10km, n15, s105/24, mb3.6/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like JYAK Yakushimahirau, JYAK Minamitan, etc.

ISC 24 00:14:22.2, 4.299N-113.00E, 0.09, h29km, 10km, n15, s105/24, mb3.6/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like JYAK Yakushimahirau, JYAK Minamitan, etc.

ISC 24 00:14:22.2, 4.299N-113.00E, 0.09, h29km, 10km, n15, s105/24, mb3.6/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like JYAK Yakushimahirau, JYAK Minamitan, etc.

ISC 24 00:14:22.2, 4.299N-113.00E, 0.09, h29km, 10km, n15, s105/24, mb3.6/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like JYAK Yakushimahirau, JYAK Minamitan, etc.

ISC 24 00:14:22.2, 4.299N-113.00E, 0.09, h29km, 10km, n15, s105/24, mb3.6/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like JYAK Yakushimahirau, JYAK Minamitan, etc.

ISC 24 00:14:22.2, 4.299N-113.00E, 0.09, h29km, 10km, n15, s105/24, mb3.6/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like JYAK Yakushimahirau, JYAK Minamitan, etc.

ISC 24 00:14:22.2, 4.299N-113.00E, 0.09, h29km, 10km, n15, s105/24, mb3.6/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like JYAK Yakushimahirau, JYAK Minamitan, etc.

ISC 24 00:14:22.2, 4.299N-113.00E, 0.09, h29km, 10km, n15, s105/24, mb3.6/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, and other technical details. Includes stations like JYAK Yakushimahirau, JYAK Minamitan, etc.

1553

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OBIP, CELP, MLDN, HNVL, IGPR, SJG, S3A, S39A, TS9A, CCM, T35A, R49A, R50A, BLOK, CROK, AMTX, ELIS, S57A, R40A, OLIL, BOAV, OK032, KAN17, NOKA, KAN09, S5FO, KAN05, KAN01, Q44A, KAN12, R58B, BLO, Q51A, Q52A, P48A, P48A, Q54A, CBN, P49A, P51A, P40A, P40A, P53A, 121A, SRIG, SRIG, RTBA, P38A, O49A, O48B, MCWV, SFIN, R32A, R32A, KSU1, KSU1, ETMB, ETMB, ACOS, ACOS, O52A, Y22D, P57A, HDIL, DUN6, O54A, SDMD, SDMD, ANMO, MACA, MACA, N47A, N47A, N41A, N41A, N49A, CBKS, CBKS, N51A, N51A, N53A, MVL, MVL, M50A, SSPA, N35A, M52A, L46A, L48A, SAML, SAML, L40A, L40A, AAM.

2018 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CPCT, X58A, X58A, ABTX, KMSC, SGCY, SGCY, V48A, V48A, WHAR, WHAR, HBAR, HBAR, TKT, TKT, X37A, X37A, L30A, L30A, ALPN, ALPN, GRGR, GRGR, V53A, V53A, W57A, W57A, HALT, HALT, CLTN, CLTN, MNHN, MNHN, GNA9, GNA9, WTFS, WTFS, WVT, WVT, GDHS, GDHS, NNWA, NNWA, CBE, CBE, FCAR, FCAR, GLAR, GLAR, LCAR, LCAR, V55A, V55A, SN05, SN05, UTMT, UTMT, APMT, APMT, U49A, U49A, SN07, SN07, X34A, X34A, TZTN, TZTN, PARMO, PARMO, V58A, V58A, POST, POST, LPIG, LPIG, U54A, U54A, PBMO, PBMO, T47A, T47A, VHRN, VHRN, U56A, U56A, T45A, T45A, HHAR, HHAR, DKNS, DKNS, FNO, FNO, T50A, T50A, W50K, W50K, TUL3, TUL3, RLO, RLO, OKCS, OKCS, U38A, U38A, DEOK, DEOK, CGM3, CGM3, OK031, OK031, OK052, OK052, M5MO, M5MO, TEFE, TEFE, QUOK, QUOK, S44A, S44A, SIUC, SIUC, S51A, S51A, BLA, BLA, CSTR, CSTR, T57A, T57A, OK048, OK048, SMWD, SMWD, OK051, OK051, FVM, FVM, M5TX, M5TX, WCI, WCI, WCI, WCI, S54A, S54A.

24d 0h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like S39A, TS9A, CCM, T35A, R49A, R50A, BLOK, CROK, AMTX, ELIS, S57A, R40A, OLIL, BOAV, OK032, KAN17, NOKA, KAN09, S5FO, KAN05, KAN01, Q44A, KAN12, R58B, BLO, Q51A, Q52A, P48A, P48A, Q54A, CBN, P49A, P51A, P40A, P40A, P53A, 121A, SRIG, SRIG, RTBA, P38A, O49A, O48B, MCWV, SFIN, R32A, R32A, KSU1, KSU1, ETMB, ETMB, ACOS, ACOS, O52A, Y22D, P57A, HDIL, DUN6, O54A, SDMD, SDMD, ANMO, MACA, MACA, N47A, N47A, N41A, N41A, N49A, CBKS, CBKS, N51A, N51A, N53A, MVL, MVL, M50A, SSPA, N35A, M52A, L46A, L48A, SAML, SAML, L40A, L40A, AAM.

24d Oh

Table with columns: ID, Name, Date, Time, Status, and various performance metrics. Includes entries like M57A Sunshine Farm, SDCO Great Sand Dun, X18A Snowflake, etc.

25th Oh

Table with columns: ID, Name, Date, Time, Status, and various performance metrics. Includes entries like LCMT Little Creek M, LONY Lake Ozonia, MTPU Mount Pierson, etc.

2018 SEP

Table with columns: ID, Name, Date, Time, Status, and various performance metrics. Includes entries like WVOR Wild Horse Val, ORV Oroville, BPMT Black Pine Ridge, etc.

1554

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like MDT Midelt, RAR Rarotonga, SMAI San Martin Ant, etc.

IDC 24 00:49:39.8-1.0, 4.48S, 151.40E, h0km, mb3.9/8, mbmp3.9/8, Error ellipse: s-maj=43.7km s-min=21.9km az=115.0

NEIC 24 00:49:46.5-2.2, 4.46S, 101.151.47E, 0.06, h40km, 8km, mb4.5/37, Error ellipse: s-maj=14.2km s-min=8.4km az=175.0

ISC 24 00:49:45.3-0.5, 4.48S, 109.151.47E, 0.06, h35km, n52, 125/53, mb4.5/27, New Britain region

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like I40PG Keravat, I40PG Warramunga Arr, RABL Rabaul, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like IMAR Indian Mountain, IL31 Eielson Array, ILAR Eielson Array, etc.

DJA 24 01:11:52.7-0.4, 9.53S, 108.8E, h10km, M3.9/13, mb4.4/1, MLV3.7/13, Jawa

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like CMJI Cimerak, CMJI Cimerak, BBJI Bungbulang, etc.

SOME 24 01:32:36.3, 4.227N, 70.48E, h5km, KRNET 24 01:32:37.0, 0.1, 4.238N, 70.52E, h13km, mb2.2

NNC 24 01:32:36.3, 4.227N, 70.48E, h5km, mb3.3, mpv2.7, Error ellipse: s-maj=25.5km s-min=5.5km az=8.0

ISC 24 01:32:34.6-1.3, 4.236N, 0.03, 70.47E, 0.03, h5km, 12km, n18, c1/22/33, 11C-11D, Central Kazakhstan

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like KK31 Karatay, KK31 Karatay, KKAR Karatay Arr, etc.

BRLS Borolday, BRLS Borolday, BRLS Borolday, TRKS Terek-Say, TRKS Terek-Say

ARK Arkit, ARK Arkit, MNAS Manas, MRKS Merke, MRKS Merke, MRKS Merke

ARSB Arslanbob, ARSB Arslanbob, BTK Batken, BTK Batken, AML Almayashu, AML Almayashu

EKS2 Erkin-Say, EKS2 Erkin-Say, ARLS Aral, ARLS Aral, USP Ospenovka, USP Ospenovka

SGDS Sogindy, SGDS Sogindy, SGDS Sogindy, BTLS Baital, BTLS Baital

DGS Degeres, DGS Degeres, DGS Degeres, BTLS Baital, BTLS Baital

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EMPR Esperanza-Ma, EMPR Esperanza-Ma, EMPR Esperanza-Ma, EMPR Esperanza-Ma

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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 MLPRP, PRSN, CRPR, ASAR, MKAR, etc.

IDC 24 02:45:24.9:1.6, 12.835x45.97E, h0km, mb3.9/3, mbmp4.1/4, ML4.8/1, Error ellipse: s-maj=46.8km s-min=34.7km az=160.0

ISC 24 02:45:26.9:1.5, 13.05:0.1x46.0E:0.3, h10km, n7, c1972/6, mb4.0/3, Northwest of Madagascar

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

NEIC 24 02:48:04.6:2.1, 18.05:0.2x178.3W:0.1, h510km, 11km, mb4.5/17, Error ellipse: s-maj=25.6km s-min=16.8km az=170.0

IDC 24 02:48:06.2:2.4, 17.815x178.42W, h539km, 21km, mb3.1/7, mbmp4.0/9, Error ellipse: s-maj=90.3km s-min=17.0km az=150.0

ISC 24 02:48:06.9:0.8, 18.05:0.2x178.5W:0.1, h550km, n35, c0972/3, mb4.3/14, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF, AFI, NIUE, PINNC, DZM, TOZ, RTZ, MRZ, TCW, QRZ, DZM, FOZ, EIDS, ARMA, CTAO, TOO, STKA, BBOO, WBO, WRA, AS31, ASAR, NVAR, J05D, ILAR, TXAR, PDAR, BUR0, BRTR, etc.

IDC 24 03:00:56.6:5.0, 3.66S:100.67E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=240.4km s-min=29.0km az=52.0

DJA 24 03:01:18.1:0.4, 3.54x10.2E, h149km, 6km, M4.3/11, mb5.0/2, mb5.6/1, MLV4.0/16, Mw(mB)5.1/7, ISC 24 03:01:18.2:1.0, 2.61S:0.06x102.20E:0.07, h150km, n14, c0967/7, mb3.5/3, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like UB5I, MNAI, PPSI, PDSI, EGSI, SISI, KASI, TPRI, PPSI, TNG, etc.

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

AZER 24 03:02:54.3, 40.63N:48.79E, h6km, ml1.6, Eastern

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GBS, POL, ATGJ, SIYZ, IML, OPO, XNO, QUBA, QBL, QAR, GANJ, LRK, GDB, ORD, etc.

IDC 24 03:28:18.9:1.8, 25.14S:176.41W, h0km, mb4.3/4, mbmp4.3/5, ML5.5/1, MS3.4/1, Error ellipse: s-maj=53.9km s-min=32.6km az=57.0

ISC 24 03:28:24.9:1.6, 25.15S:0.2x176.6W:0.4, h35km, n8, c136/8, mb4.1/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF, PPT, ASAR, WRA, QSPA, CMAR, AKASE, BRTR, etc.

IDC 24 03:38:30.0:5.8, 24.64S:176.15W, h84km, 47km, mb3.6/3, mbmp4.0/4, ML5.6/1, Error ellipse: s-maj=59.0km s-min=35.9km az=77.0

ISC 24 03:38:22.2:2.0, 24.44S:0.4x175.0W:0.6, h35km, n11, c0411/9, mb4.0/3, South of Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF, ASAR, QSPA, MAW, TROLL, SNA, VNA, BRTR, etc.

IDC 24 03:42:19.7:1.5, 6.25S:145.87E, h111km, 14km, mb4.7/24, mbmp5.1/27, MS3.8/26, Error ellipse: s-maj=18.6km s-min=9.5km az=77.0

BUI 24 03:42:19.0:1.0, 6.10S:146.25E, h124km, mb5.3/77, mb5.2/25

MOS 24 03:42:19.1:0.9, 6.20S:145.77E, h114km, mb5.2/31, Error ellipse: s-maj=10.1km s-min=5.4km az=107.0

NEIC 24 03:42:21.2:2.3, 6.31S:0.06x145.78E:0.09, h117km, 5km, mb5.0/180, Error ellipse: s-maj=13.2km s-min=9.0km az=92.0

DJA 24 03:42:21.6:0.5, 6.3S:146.2E, h118km, 5km, M5.0/38, mb5.2/38, mb5.4/23, MLV5.3/3, Mw(mB)4.9/23, MwMwp4.8/5, Mwps.1/5

GCMT 24 03:42:23.2:0.1, 6.25S:0.01x145.69E:0.01, h132km, 1km, MW5.2/134, Moment Tensor Solution, s97, c130, s134, c225, Duration: 1s, Moment tensor: Scale 1017

Mu: M=0.74E:0.1; Mw: 0.66E:0.1; Mw: 0.08E:0.2; Mw: 0.14E:0.1; Mw: 0.31E:0.2; Mw: 0.09E:0.1; Best double couple: Mo: 78900.1017; NP1: 103.00000; S42.00000; lambda: 75.00000; Principal axes: T: 0.8020, Plg4.0000; Azm203.0000; N: -0.0270, Plg10.0000; Azm112.0000; P: -0.7750, Plg79.0000; Azm312.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 24 03:42:21.8:0.4, 6.36S:0.03x145.80E:0.05, h130km, 3km, h130km, n16, c1904/686, mb5.0/171, 18C-9D, New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like UB5I, MNAI, PPSI, PDSI, EGSI, SISI, KASI, TPRI, PPSI, TNG, etc.

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

Port Moresby 3.31 156 Pn Pn 03 43 12.6 +0.1

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

Port Moresby 3.31 156 Pn Pn 03 43 12.6 +0.1

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Port Moresby 3.31 156 Pn Pn 03 43 12.6 +0.1

Table with columns for station name, coordinates, elevation, and signal strength. Includes stations like MSVF Nonsava, KMBL Kamabala, GIRL Giralia, etc.

Table with columns for station name, coordinates, elevation, and signal strength. Includes stations like CRAI Chiangrai, PAYA Payao, KMI Kuming, etc.

Table with columns for station name, coordinates, elevation, and signal strength. Includes stations like SONM Songino Array, SONM Casey, MA2 Magadan, etc.

24d 3h

K15K	Wolf Creek Mou	79.37	22	I	Amb	I	Amb	03 54 15.4
K15K	Wolf Creek Mou	79.37	22	P	P	P	P	03 54 13.0 -0.1
N16K	Nishiik Lake	79.41	25	P	P	P	P	03 54 13.8 +0.4
SII	Sitkinak Islan	79.44	29	P	P	P	P	03 54 13.6 +0.1
ANM	Nome	79.44	19	P	P	P	P	03 54 14.4 +1.0
Q17K	Contact Creek	79.48	27	P	P	P	P	03 54 13.6 -0.3
M16K	Timber Creek	79.64	24	I	Amb	I	Amb	03 54 17.4
M16K	Timber Creek	79.64	24	P	P	P	P	03 54 14.8 +0.2
BOOM	Boomscoye usch	79.68	315	P	P	P	P	03 54 15.8 +0.4
BOOM	Boomscoye usch	79.68	315	P	P	P	P	03 54 17.7
BOOM	Boomscoye usch	79.68	315	P	P	P	P	03 54 15.8 +0.4
P17K	Kvichak River	79.72	26	P	P	P	P	03 54 15.2 +0.2
F14K	Arctic Creek	79.73	18	P	P	P	P	03 54 15.6 +0.7
O17K	Kolliganeek Bris	79.74	26	P	P	P	P	03 54 15.4 +0.3
R18K	Karluk	79.80	28	P	P	P	P	03 54 15.1 -0.3
L16K	Owhat River	79.82	23	P	P	P	P	03 54 15.8 +0.2
KUU	Kurty	79.86	317	eP	P	P	P	03 54 16.6 +0.4
KUU	Kurty	79.86	317	eP	P	P	P	03 54 16.5 +0.4
TKM2	Tokmak 2	80.06	315	P	P	P	P	03 54 18.0 +0.5
TKM2	Tokmak 2	80.06	315	P	P	P	P	03 54 17.2 -0.3
Q16K	Katmai Hardscr	80.08	27	P	P	P	P	03 54 16.7 -0.4
N17K	Nushagak Hills	80.10	25	P	P	P	P	03 54 17.0 -0.1
G15K	Niukluk	80.15	19	P	P	P	P	03 54 17.8 +0.5
OHAK	Old Harbor	80.18	29	P	P	P	P	03 54 17.4 -0.1
J16K	Anvik River	80.30	22	P	P	P	P	03 54 18.1 0.0
J16K	Anvik River	80.30	22	P	P	P	P	03 54 18.0 -0.1
F15K	North Star Dit	80.41	19	P	P	P	P	03 54 18.7 +0.1
KBK	Karagaybulak	80.43	315	P	P	P	P	03 54 20.8 +1.4
M17K	Holinta River	80.47	24	P	P	P	P	03 54 18.7 -0.3
L17K	Donlin	80.52	23	P	P	P	P	03 54 18.8 -0.5
H16K	Elim	80.53	20	P	P	P	P	03 54 19.9 +0.6
UCH	Uchtor	80.61	315	P	P	P	P	03 54 22.8 +2.0
I17K	Unalakleet	80.62	21	P	P	P	P	03 54 20.4 +0.6
CHMS	Chumyush	80.67	315	P	P	P	P	03 54 21.6 +1.0
N18K	Kilae Creek	80.72	25	P	P	P	P	03 54 20.5 +0.1
AAK	Ala-Archa	80.74	315	P	P	P	P	03 54 22.6 +1.5
AAK	Ala-Archa	80.74	315	P	P	P	P	03 54 22.8 +1.6
AAK	Ala-Archa	80.74	315	P	P	P	P	03 54 21.3 +0.2
AAK	Ala-Archa	80.74	315	P	P	P	P	03 54 22.5 +1.4
KDAK	Kodiak Island	80.78	29	LR	LR	LR	LR	04 24 34.8
KDAK	Kodiak Island	80.78	29	P	P	P	P	03 54 21.1 +0.3
KURK	Kurchatov	80.78	324	P	P	P	P	03 54 21.1 +0.2
KURK	Kurchatov	80.78	324	P	P	P	P	03 54 21.1 +0.2
KURK	Kurchatov	80.78	324	P	P	P	P	03 54 20.9 -0.1
KURB	Kurchatov Arra	80.80	323	P	P	P	P	03 54 20.8 -0.2
KURB	Kurchatov Arra	80.80	323	P	P	P	P	03 54 20.2 -0.5
Q19K	Cape Douglas,	80.83	27	P	P	P	P	03 55 26.0
Q19K	Cape Douglas,	80.83	27	P	P	P	P	03 54 20.4 -0.6
K17K	Iditarod	80.84	23	P	P	P	P	03 54 21.1 +0.1
SGDS	Sogindya	80.89	316	eP	P	P	P	03 54 22.2 +0.4
SGDS	Sogindya	80.89	316	eP	P	P	P	03 54 22.2 +0.4
USP	Ospenovka	80.93	316	P	P	P	P	03 54 23.3 +1.3
J17K	VAMB Dome	80.93	22	P	P	P	P	03 54 21.2 -0.2
G16K	Koyuk River	80.96	19	P	P	P	P	03 54 21.1 -0.4
AML	Almayashu	81.16	314	P	P	P	P	03 54 25.6 +2.0
M18K	Stony River	81.17	24	P	P	P	P	03 54 22.7 -0.1
L18K	Granite Mounta	81.20	24	P	P	P	P	03 54 23.1 +0.2
L18K	Granite Mounta	81.20	24	P	P	P	P	03 54 22.7 -0.2
EKS2	Erkin-Say	81.26	315	P	P	P	P	03 54 25.6 +1.8
Q20K	Shuyak Island	81.26	28	P	P	P	P	03 54 23.3 +0.1
P19K	Oil Pt	81.37	27	P	P	P	P	03 54 23.5 -0.4
N19K	Bonanza Creek	81.39	25	P	P	P	P	03 54 24.4 +0.3
N19K	Bonanza Creek	81.39	25	P	P	P	P	03 54 23.6 -0.5
MAW	Mawson	81.46	203	P	P	P	P	03 54 24.9 +0.8
MAW	Mawson	81.46	203	P	P	P	P	04 28 30.4
H17K	Granite Mounta	81.52	20	I	Amb	I	Amb	03 54 26.7
H17K	Granite Mounta	81.52	20	P	P	P	P	03 54 24.5 0.0
G17K	Kiwalik Mounta	81.59	20	P	P	P	P	03 54 24.7 -0.2
BTL5	Baital	81.78	317	eP	P	P	P	03 54 26.6 +0.3
BTL5	Baital	81.78	317	eP	P	P	P	03 54 26.6 +0.3
O20K	Slope Mountain	81.84	26	P	P	P	P	03 54 26.0 -0.3
J18K	Innok River	81.86	22	P	P	P	P	03 54 26.3 -0.1
C16K	Lisburne Hills	81.88	16	P	P	P	P	03 54 26.4 +0.1
L19K	White Mountain	81.92	24	P	P	P	P	03 54 26.8 +0.1
F17K	Baldwin Pennin	81.96	19	P	P	P	P	03 54 26.6 -0.2
M19K	Big River Lodg	81.97	24	P	P	P	P	03 54 26.7 -0.2
M19K	Big River Lodg	81.97	24	P	P	P	P	03 54 27.9 +0.9
HOM	Homer	82.08	27	P	P	P	P	03 54 27.4 -0.2
D17K	Noatak River	82.16	17	P	P	P	P	03 54 28.3 +0.5
E17K	Hotham Inlet	82.16	18	P	P	P	P	03 54 28.8 +0.9
N18K	Honhosa River	82.18	21	P	P	P	P	03 54 29.0 +1.0
CHPM	China Poot	82.21	27	P	P	P	P	03 54 27.5 -0.1
CNPM	China Poot	82.21	27	P	P	P	P	03 55 08.6
RDOG	Red Dog Mine	82.44	17	I	Amb	I	Amb	03 54 31.3
RDOG	Red Dog Mine	82.44	17	P	P	P	P	03 54 30.1 +0.8

2018 SEP

L20K	Farewell, AK	82.46	24	P	P	P	P	03 54 30.1 +0.5
M20K	Styx River	82.48	25	P	P	P	P	03 54 29.9 +0.2
GCSA	Galena City Sc	82.48	21	P	P	P	P	03 54 30.1 +0.6
G18K	Tagagawik	82.50	20	P	P	P	P	03 54 29.9 +0.2
BRSE	Bradley Lake S	82.53	27	P	P	P	P	03 54 29.0 -0.9
N20K	Mount Spurr	82.55	26	P	P	P	P	03 54 29.2 -0.8
SPCR	Spurr Chakacha	82.55	26	P	P	P	P	03 54 29.0 -1.0
J19K	Poorman	82.55	22	P	P	P	P	03 54 30.1 +0.2
J19K	Poorman	82.55	22	P	P	P	P	03 54 32.0
J19K	Poorman	82.55	22	P	P	P	P	03 54 29.5 -0.4
F18K	Selawik	82.57	19	P	P	P	P	03 54 29.5 -0.4
C17K	DeLong Mountai	82.62	17	P	P	P	P	03 54 30.4 +0.2
E18K	Tukpahlearik C	82.75	18	I	Amb	I	Amb	03 54 32.9
E18K	Tukpahlearik C	82.75	18	P	P	P	P	03 54 30.4 -0.5
K20K	Tell	82.82	23	P	P	P	P	03 54 30.9 -0.5
DZA	Taraz	83.05	314	eP	P	P	P	03 54 33.6 +0.5
DZA	Taraz	83.05	314	eP	P	P	P	03 54 33.5 +0.5
H19K	Roundabout Mou	83.06	21	P	P	P	P	03 54 32.1 -0.4
G19K	Purcell Mounta	83.17	20	P	P	P	P	03 54 35.7 +0.6
G19K	Purcell Mounta	83.17	20	P	P	P	P	03 54 33.0 -0.3
SKT	Skwertina	83.19	25	P	P	P	P	03 54 33.0 -0.3
J20K	Nowinta River	83.20	22	P	P	P	P	03 54 33.4 +0.1
SEW	Seward	83.27	27	P	P	P	P	03 54 33.2 -0.5
SUA	Susitna One	83.29	26	P	P	P	P	03 54 33.1 -0.9
C18K	Utukok River	83.30	17	P	P	P	P	03 54 33.4 -0.4
C18K	Utukok River	83.30	17	P	P	P	P	03 54 33.5 -0.4
O22K	Cooper Landing	83.31	27	P	P	P	P	03 54 33.5 -0.4
F19K	Shalereucki Mo	83.32	19	P	P	P	P	03 54 33.2 -0.6
PPLA	Purkeypile	83.35	24	P	P	P	P	03 54 33.6 -0.7
I20K	Naaghedeneel	83.39	22	I	Amb	I	Amb	03 54 36.4
I20K	Naaghedeneel	83.39	22	P	P	P	P	03 54 33.9 -0.3
B18K	Kokolik River	83.56	16	P	P	P	P	03 54 34.8 -0.2
RC01	Rabbit Creek A	83.57	26	P	P	P	P	03 54 34.6 -0.7
H20K	Anotleneega Mo	83.60	21	P	P	P	P	03 54 34.7 -0.6
QSPA	South Pole Qui	83.61	180	P	P	P	P	03 54 35.4 -0.2
QSPA	South Pole Qui	83.61	180	P	P	P	P	03 54 35.7 +0.1
QSPA	South Pole Qui	83.61	180	P	P	P	P	04 33 22.4
KK31	Karatay Array	83.69	315	I	Amb	I	Amb	03 54 38.0
KK31	Karatay Array	83.69	315	I	Amb	I	Amb	03 54 36.1 -0.2
KKAR	Karatay Array	83.69	315	I	Amb	I	Amb	03 54 35.9 -0.4
KKAR	Karatay Array	83.69	315	I	Amb	I	Amb	03 54 35.9 -0.4
SI MJ	Simigan	83.72	310	P	P	P	P	03 54 36.5 -0.2
CHUM	Lake Minchumini	83.77	23	P	P	P	P	03 54 35.7 -0.4
E19K	Redstone River	83.84	19	P	P	P	P	03 54 36.8 +0.4
E19K	Redstone River	83.84	19	P	P	P	P	03 54 38.5
E19K	Redstone River	83.84	19	P	P	P	P	03 54 35.8 -0.6
CUT	Chulitna	83.92	25	P	P	P	P	03 54 36.0 -0.9
C19K	Lookout Ridge	84.04	17	I	Amb	I	Amb	03 54 40.3
C19K	Lookout Ridge	84.04	17	P	P	P	P	03 54 37.1 -0.4
PMR	Palmer	84.05	26	P	P	P	P	03 54 36.7 -0.9
PWL	Port Wells	84.09	27	I	Amb	I	Amb	03 54 39.0
PWL	Port Wells	84.09	27	P	P	P	P	03 54 37.0 -0.9
F20K	Avaraart Lake	84.11	20	P	P	P	P	03 54 37.8 0.0
D19K	Kuna River	84.14	18	I	Amb	I	Amb	03 54 41.1
D19K	Kuna River	84.14	18	P	P	P	P	03 54 37.6 -0.4
BRLS	Borolday	84.15	314	eP	P	P	P	03 54 39.2 +0.6
BRLS	Borolday	84.15	314	eP	P	P	P	03 54 39.2 +0.6
P23K	Montague Islan	84.17	28	P	P	P	P	03 54 37.7 -0.6
GHO	Glory Hole Cre	84.21	26	P	P	P	P	03 54 37.3 -1.3
IMAR	Indian Mountai	84.25	21	P	P	P	P	03 54 38.1 -0.5
KNI	Knic Glacier	84.27	26	P	P	P	P	03 54 38.4 -0.4
BP AW	Bear Paw Mtn.	84.28	23	P	P	P	P	03 54 38.9 -0.4
H21K	Melozitna Rive	84.43	21	P	P	P	P	03 54 39.2 -0.3
H21K	Melozitna Rive	84.43	21	P	P	P	P	03 54 39.5 0.0
Q23K	Middleton Isla	84.44	28	P	P	P	P	03 54 38.8 -0.8
SML	Sawmill	84.48	26	I	Amb	I	Amb	03 54 41.1
SML	Sawmill	84.48	26	P	P	P	P	03 54 39.5 -0.4
G21K	Allakaket	84.60	21	P	P	P	P	03 54 40.2 -0.1
E20K	Nigu River	84.60	19	P	P	P	P	03 54 39.9 -0.5
GLI	Glacier View	84.66	27	P	P	P	P	03 54 39.1 -1.6
D20K	Etiulik River	84.72	18	P	P	P	P	03 54 40.1 -0.8
M23K	Glacier View	84.74	26	P	P	P	P	03 54 39.8 -1.4
WAT1	Susitna Watana	84.82	25	P	P	P	P	03 54 40.7 -0.8
FID	Port Fidalgo	84.88	27	P	P	P	P	03 54 40.9 -1.0
MLY	Manley							

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, h, m, s, Res, ISC. Includes stations like Pinedale Array, Lac du Bonnet, Bucovina Ar. S, etc.

MDD 24 05:04:54.9-0.8, 36.13N:10.29W, h62km, 31km, Mb3.6/7, Error ellipse: s-maj=8.5km s-min=4.3km az=78.0

IGIL 24 05:04:55.8, 36.13N:10.29W, h24km, ML2.4

CNRM 24 05:04:55.5, 35.96N:9.98W, h66km, ML3.4

INMG 24 05:04:56.0, 1.1, 36.10N:10.28W, h33km, gkm, ML2.4

Error ellipse: s-maj=6.4km s-min=3.7km az=67.0

ISC 24 05:04:52.0, 1.6, 36.06N:0.03, 10.28W, h0.08, h99km, n17km, n71, c1984/112, 7C-1D, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, h, m, s, Res, ISC. Includes stations like Vila Bisbo, Marlete, Sao Teotonio, Barranco-do-Ve, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, h, m, s, Res, ISC. Includes stations like Estremoz, Badajoz, ZHG, etc.

TIO 24 05:14:43.6, 1.0, 24.81N:45.63W, h0km, mb3.9/10, mbtp5.9/10, MS3.6/31, Error ellipse: s-maj=33.4km

NEIC 24 05:14:47.4, 1.7, 25.0N:0.1, 45.58W:0.06, h10km, 1km, mb4.6/39, Error ellipse: s-maj=24.1km s-min=7.7km az=193.0

ISC 24 05:14:45.8, 0.6, 24.81N:0.1, 45.58W:0.08, h10km, n82, c0590/50, mb4.6/27, MS3.7/31, Northern Mid-Atlantic Ridge

Code, Station Name, Az, El, Phase, ID, Op, h, m, s, Res, ISC. Includes stations like La Desirade Is, Fort de France, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, h, m, s, Res, ISC. Includes stations like La Desirade Is, Fort de France, St. Eustatius, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, h, m, s, Res, ISC. Includes stations like Torodi Ar. Bea, Lac du Bonnet, Matias Romero, etc.

ISC 24 05:20:36.8, 0.9, 33.14N:46.01E, h14km, 4km, ML2.7

TEH 24 06:04:23.7, 33.03N:46.01E, h11km, 4.7km, ML2.8

ISC 24 05:20:39.1, 1.1, 33.07N:0.04, 46.03E:0.05, h5km, 1.4km, n13, c1928/15, Iran-Iraq border region

Code, Station Name, Az, El, Phase, ID, Op, h, m, s, Res, ISC. Includes stations like Badra, Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Op, h, m, s, Res, ISC. Includes stations like Badra, Kurchatov Arr, Zalesovo Beam, etc.

ISC 24 06:04:22.9, 1.1, 33.17N:46.08E, h16km, 5km, ML2.5

TEH 24 06:04:24.3, 33.13N:46.13E, h14km, 3.2km, ML2.5

ISC 24 06:04:24.1, 1.1, 33.13N:0.04, 46.07E:0.07, h11km, 12km, n11, c0979/13, Iran-Iraq border region

Code, Station Name, Az, El, Phase, ID, Op, h, m, s, Res, ISC. Includes stations like Badra, Ilam Banvizeh, etc.

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

GRAL 24 06:04:32.6:0.3,33:05N:35:43E,h6km,54km,MD2.7
JSO 24 06:04:33.33:13N,35:47E,h3km,ML2.0/14,Mw2.7/14
GII 24 06:04:34.0:0.4,33:14N,0:00:35:46E:0:001,h1km,

Main table for 24d 6h section, listing station codes, names, coordinates, and seismic data.

NNC 24 06:07:52.5:5.0,38:38N:70:17E,h0km,mb3.8,mpv3.5,
3C-1D,Error ellipse: s-maj=48.8km s-min=27.0km

Table for NNC 24 06:07:52.5:5.0,38:38N:70:17E,h0km,mb3.8,mpv3.5,3C-1D,Error ellipse: s-maj=48.8km s-min=27.0km

IDC 24 06:23:08.7:3.2,54:24N:87:25E,h0km,mbtmp2.8/2,
ML2.5/2,Error ellipse: s-maj=27.8km s-min=19.5km

Table for IDC 24 06:23:08.7:3.2,54:24N:87:25E,h0km,mbtmp2.8/2,ML2.5/2,Error ellipse: s-maj=27.8km s-min=19.5km

KRNET 24 06:24:21.5:0.1,41:14N:73:68E,h21km,mb2.9
SOME 24 06:24:23.3,41:25N:73:80E,h10km

KNET 24 06:24:24.6:0.5,41:28N:73:80E,h7km,2km,ml2.7,Error
ellipse: s-maj=3.9km s-min=3.2km az=86.0

NNC 24 06:24:24.8:1.3,41:12N:73:76E,h0km,mb3.7,mpv3.4,
Error ellipse: s-maj=9.7km s-min=6.4km az=179.0

ISC 24 06:24:21.3:1.0,41:09N:0:02:73:47E:0:02,h16km,9km,
n78,c1943/136,41C-26D,Kyrgyzstan

Main table for 24d 6h section, listing station codes, names, coordinates, and seismic data.

Main table for 2018 SEP section, listing station codes, names, coordinates, and seismic data.

Main table for 1562 section, listing station codes, names, coordinates, and seismic data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, AB31 Akbulak array, ABKAR Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NOU 24 06:54:40.0, 14.72S; 166.25E, h137km, mb3.5/9, Vanuatu Islands, Vanuatu Islands.

GRAL 24 06:57:55.0 ± 0.3, 33.04N; 35.59E, h29km, 13km, MD2.7
GII 24 06:57:57.0 ± 0.3, 33.135N; 0.001; 35.457E; 0.001,
h2km, Md2.0/5, Mw2.0/9, confirmed
JSO 24 06:57:57.33; 13N; 35.44E, h3km, ML2.1/12, Mw2.0/12
ISC 24 06:57:57.4 ± 0.1, 33.131N; 0.003; 35.47E; 0.003, h9km, 7km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MMB1 Mount Meron ar, MMB1 Mount Meron ar, MMB1 Mount Meron ar, etc.

IDC 24 06:59:36.7 ± 1.0, 50.05N; 78.81E, h0km, mbtmp2.8/2,
ML2.4/2, Error ellipse: s-maj=11.8km s-min=6.4km
az=63.0

NNC 24 06:59:36.0 ± 0.9, 50.00N; 78.46E, h0km, mb3.1, mpv3.0,
Error ellipse: s-maj=9.2km s-min=3.9km az=75.0,
Suspected Mining explosion.

ISC 24 06:59:36.0 ± 0.9, 49.95N; 0.003; 78.44E; 0.07, h0km, n23,
±1527/34, 14C-11D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUR07 Kurchatov Arra, KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, KUR16 Kurchatov Arra, KUR17 Kurchatov Arra, etc.

WEL 24 06:59:45.2 ± 0.9, 36.57S; 7.179E; 1.0, h177km ± 13km,
M3.7/18, ML3.8/12, MLV3.7/18, Error ellipse:
s-maj=0.0km s-min=0.0km az=86.0, Off east coast of

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, HAZ The Kaaha, HAZ White Island, etc.

NEIC 24 07:04:48.7 ± 1.7, 90S; 173.1W; 0.1, h44km, 8km,
mb4.5/14, Error ellipse: s-maj=20.9km s-min=9.6km
az=59.0

IDC 24 07:04:58.2 ± 4.3, 18.10S; 173.31W, h124km, 39km, mb3.6/8,
mbtmp4.0/9, MS3.1/5, Error ellipse: s-maj=32.3km
s-min=19.7km az=136.0

ISC 24 07:04:46.9 ± 0.5, 17.87S; 0.07; 173.11W; 0.07, h26km, n56,
±234/45, mb4.5/16, MS3.4/4, Tonga Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTZ Ruatuhana, PPT Papeete, SNZ Shannon Statio, etc.

NOU 24 07:13:15.0, 15.19S; 166.57E, h130km, MLV4.1/9,
Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VLAKA Lakatoro, DVP Devils Point, KOUNC Koumang, etc.

IDC 24 07:16:02.4 ± 1.6, 49.67N; 81.39E, h0km, mbtmp2.5/2,
ML2.1/2, Error ellipse: s-maj=24.9km s-min=8.6km
az=53.0

NNC 24 07:16:02.5 ± 2.0, 49.88N; 81.81E, h0km, mb3.0, mpv2.7,
Error ellipse: s-maj=26.8km s-min=4.7km az=53.0,
Suspected Mining explosion.

ISC 24 07:15:56.0 ± 1.4, 49.30N; 0.005; 81.91E; 0.07, h0km, n8,
±092/12, 2C-6D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURK Kurchatov, KURK Kurchatov, KURBB Kurchatov Arra, etc.

IDC 24 07:29:19.6 ± 3.5, 54.30N; 87.32E, h0km, mbtmp2.9/2,
ML2.4/2, Error ellipse: s-maj=32.1km s-min=20.4km
az=49.0, Southwestern Siberia

ISC 24 07:33:02.0 ± 0.9, 31.48S; 178.88W, h0km, mb4.1/4,
mbtmp4.1/5, ML3.6/1, Error ellipse: s-maj=33.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, I46RU ZALESOVO INFRA, I46RU ZALESOVO INFRA, etc.

s-min=25.1km az=74.0
WEL 24 07:33:15.0 0.6, 32' S: 15° 17' 9W: 3.5, h120km, ML4.8,
mB4.8/6, ML4.6/7, MLV4.8/8, Mw(mB)4.0/6, Error ellipse:
s-maj=0.0km s-min=0.0km az=112.8
NEIC 24 07:33:16.5 0.9, 32' 03S: 0.09: 17.2W: 0.2, h90km, 3km,
mB4.5/13, Error ellipse: s-maj=24.0km s-min=11.7km
az=106.0

ISC 24 07:33:16.2 0.7, 32.09S: 0.06: 17.91W: 0.1, h96km, n74,
e182/88, mb4.3/11, 4C, South of Kermadec Islands

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

comp=E,874nm,0.4s
ILBA Ilam Banvizeh 0.39 14 Pg Pg 07 34 12.9 +0.2
GLG1 Gilan-e-Gharb 0.86 350 Pg Pg 07 34 23.5 0.0
IGHG Galehgaiz 1.15 20 Pg Pg 07 34 28.2 +0.8
IDHR Dehras 1.47 9 Pg Pg 07 34 33.3 0.0
IKFM Katar-mosalman 1.49 79 Pg Pg 07 34 37.1 +0.3
SNQR Sonqor, Kerman 2.05 38 Ph Pb 07 34 41.8 -0.7

ISC 24 07:35:17.8 1.4, 33.05N: 46.03E, h1km, 6km, ML3.5
TEH 24 07:35:20.0, 33.03N: 46.01E, h12km, 52km, ML3.4
ISC 24 07:35:20.0, 33.03N: 0.004: 45.93E: 0.06, h10km, n16,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists seismic stations for the 24 07:35 event.

ISC 24 07:41:54.6 1.5, 33.01N: 46.08E, h1km, 6km, ML3.7
TEH 24 07:41:57.5, 33.02N: 46.05E, h9km, 59km, ML3.3
ISC 24 07:41:57.9 1.0, 33.03N: 0.005: 46.05E: 0.06, h10km, n14,

ISC 24 07:51:04.2 1.7, 15.75S: 0.10: 175.28W: 0.06, h10km, 1km,
mb4.9/181, Error ellipse: s-maj=17.3km s-min=9.7km
az=343.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists seismic stations for the 24 07:51 event.

ISC 24 07:51:06.0 0.7, 15.13S: 175.67W, h0km, mb4.3/10,
mbmp4.3/11, ML3.9/1.1, MS4.1/4.9, Error ellipse:
s-maj=35.0km s-min=17.7km az=142.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists seismic stations for the 24 07:51 event.

ISC 24 07:51:03.8 0.4, 15.70S: 0.08: 175.30W: 0.06, h10km,
n251, e193/7/186, mb4.9/9.4, MS4.2/4.8, 3C-1D, Tongs

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists seismic stations for the 24 07:51 event.

baz=149,slow=74,SNR=17
H11S3 WAKE ISLAND Hy 38.33 332 T T 08 38 36.2
baz=149,SNR=9.3
H11S1 WAKE ISLAND Hy 38.33 332 T T 08 38 36.2

WAKE ISLAND Hy 39.30 333 T T 08 39 49.2
WAKE ISLAND Hy 39.30 333 T T 08 39 51.5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists seismic stations for the 08 38 36.2 event.

ISC 24 07:54:29.0 0.8, 33.22N: 152.50W, h10km, n16,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists seismic stations for the 24 07:54 event.

ISC 24 07:54:29.0 0.8, 33.22N: 152.50W, h10km, n16,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists seismic stations for the 24 07:54 event.

ISC 24 07:54:29.0 0.8, 33.22N: 152.50W, h10km, n16,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists seismic stations for the 24 07:54 event.

ISC 24 07:34:02.9 0.8, 33.21N: 46.14E, h25km, ML2.7
TEH 24 07:34:04.9, 33.20N: 46.20E, h8km, 122km, ML2.5
ISC 24 07:34:05.0 1.1, 33.24N: 0.07: 46.09E: 0.09, h10km, n7,

ISC 24 07:34:05.0 1.1, 33.24N: 0.07: 46.09E: 0.09, h10km, n7,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists seismic stations for the 24 07:34 event.

ISC 24 07:34:05.0 1.1, 33.24N: 0.07: 46.09E: 0.09, h10km, n7,

ISC 24 07:34:02.9 0.8, 33.21N: 46.14E, h25km, ML2.7
TEH 24 07:34:04.9, 33.20N: 46.20E, h8km, 122km, ML2.5
ISC 24 07:34:05.0 1.1, 33.24N: 0.07: 46.09E: 0.09, h10km, n7,

ISC 24 07:34:05.0 1.1, 33.24N: 0.07: 46.09E: 0.09, h10km, n7,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists seismic stations for the 24 07:34 event.

ISC 24 07:34:05.0 1.1, 33.24N: 0.07: 46.09E: 0.09, h10km, n7,

ISC 24 07:34:02.9 0.8, 33.21N: 46.14E, h25km, ML2.7
TEH 24 07:34:04.9, 33.20N: 46.20E, h8km, 122km, ML2.5
ISC 24 07:34:05.0 1.1, 33.24N: 0.07: 46.09E: 0.09, h10km, n7,

ISC 24 07:34:05.0 1.1, 33.24N: 0.07: 46.09E: 0.09, h10km, n7,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists seismic stations for the 24 07:34 event.

ISC 24 07:34:05.0 1.1, 33.24N: 0.07: 46.09E: 0.09, h10km, n7,

24d 8h

Table with columns: Station Name, Station ID, Time, Res, and various codes. Includes stations like OUR, HORT, HORT, HORT, HORT, etc.

Table with columns: Code, Station Name, Station ID, Time, Res, and various codes. Includes stations like WRA, ASAR, SONMI, MKAR, KURBB, etc.

CATAC 24 08:07:23.0-0.4, 8:89N-83:05W, h5km, 3km, ML3.2
UCR 24 08:07:23.0-0.7, 8:94N-83:00W, h29km, 1km, MW3.6
UPA 24 08:07:24.1-0.6, 8:85N-82:95W, h26km, 2km, ML4.0, MW3.7

ISC 24 08:07:23.0-0.9, 8:87N-0:03-83:00W, 0:02, h31km, 5km, n76, c1506/96, 31C-8D, Costa Rica

Table with columns: Code, Station Name, Station ID, Time, Res, and various codes. Includes stations like VITO, LPLA, MLR3, NELY, etc.

Table with columns: Code, Station Name, Station ID, Time, Res, and various codes. Includes stations like EDAD, FITO, BRUZ, etc.

2018 SEP

Main table with columns: Station Name, Station ID, Time, Res, and various codes. Includes stations like PTAR3, PIRO, PIRO, PIRO, etc.

ISC 24 08:16:27.5-25.0, 56:95N-41:62E, h0km, Error ellipse: s-maj=100.9km s-min=57.1km az=87.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Station ID, Time, Res, and various codes. Includes stations like I439R, I31KZ, I46RU, etc.

AZER 24 08:18:04.8, 38:89N-45:00E, h2km, ml2.5
TEH 24 08:18:05.1, 38:76N-45:01E, h9km, ML2.6
ISC 24 08:18:04.0-1.6, 38.78N-10:04-44.93E, h4km, 13km, n17, c058/29, Turkey-Iran border region

Table with columns: Code, Station Name, Station ID, Time, Res, and various codes. Includes stations like NAX, IMRD, MAKU, ISHB, etc.

ISC 24 08:18:05.3-1.1, 0:22:08S-120:82E, h0km, mbtmp3.2/ML3.1/2, Error ellipse: s-maj=100.7km s-min=98.6km az=54.0, Western Australia

Table with columns: Code, Station Name, Station ID, Time, Res, and various codes. Includes stations like ASAR, ASAR, I07AU, etc.

1566

Table with columns: Station Name, Station ID, Time, Res, and various codes. Includes stations like SADR, PCDR, PCDR, PCDR, etc.

ISC 24 08:29:09.9:255.0, 56:91N-41:43E, h0km, Error ellipse: s-maj=99.6km s-min=51.2km az=88.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Station ID, Time, Res, and various codes. Includes stations like I439R, I31KZ, I46RU, etc.

ISC 24 08:39:05.8:1.5, 10:27S-160:92E, h0km, mb3.7/5, mbtmp3.8/6, ML3.8/1, Error ellipse: s-maj=43.7km s-min=29.9km az=117.0

ISC 24 08:39:13.6:1.1, 10:55S-0:2-161:00E, 0:2, h62km, n6, c1511/6, mb3.5/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Station ID, Time, Res, and various codes. Includes stations like DZM, WRA, ASAR, etc.

NNC 24 08:40:34.4: 1.7, 51:78N-75:52E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=55.8km s-min=10.3km az=28.0, Suspected Mining explosion.

ISC 24 08:40:35.5: 1.0, 51:73N-75:50E, h0km, mbtmp2.8/2, ML2.3/1, Error ellipse: s-maj=29.1km s-min=7.2km az=29.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KURK, BVA0, BVA0, BVAR, BVAR, I46RU, ZALV, ZALV, MK31, MKAR, MKAR, MKAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AKKB, AKKB, KIEV, KMPD, ARTI, BURAR, FNA, FNA, BVAR, MI30, KBN, MI28, KURBB, KURK, KURK, MAKZ, MAKZ, MK31, MKAR, MKAR, MORH, CEL, CUC, CUC, ZAAO, ZAAO, ZALV, ZALV, SENIN, BHI, BHI, CEST, CEST, CHTO, CHTO, SONM, ESDC, MDT, TORD, DBIC, KSR5, PALK, WSAR, CMAR, KAPI, SUN, SUN, ASAR, WRA, RPZ.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CNGZ, CNGZ, TKGZ, GKBS, RIGZ, RIGZ, PUZ, PRGZ, RAGZ, RAGZ, RUGZ, PKGZ, KNZ, SNGZ, SNGZ, MHGZ, URZ, URZ, URZ, RTZ, WHZ, WHZ, MXZ, MUZ, MTHZ, MTHZ, MRZ, EDRZ, ARHZ, WIZ, MARZ, RRRZ, MRZ, PRZ, ALRZ, HLRZ, OMRZ, TAZZ, CKHZ, BKZ, BKZ, MHZ, HNZ, GRZ, KWHZ, KAHZ, TGRZ, KHRZ, KMRZ, KMRZ, PXZ, TMVZ, ETVZ, KRZ, KRZ, WNVZ, WNVZ, PRHZ, WNVZ, WNVZ, TRVZ, TRVZ, ISVZ, DVHZ, HIZ, HIZ, HIZ, KUZ, KUZ, BFZ, POWZ, VZ, WAZ, WAZ, TMWZ, HREZ, NEZ, KHEZ, KHEZ, PKE, KIWI, DUWZ, NNZ, ESWZ, TKNZ, QNZ, KHZ, CTZ.

NEIC 24 08:43:01.9,2.3,30.95N,0.07E,0.19E,0.08,h10km,1km, mb4.2/36, Error ellipse: s-maj=14.1km s-min=10.0km az=221.0

TEH 24 08:43:02.1,31.11N,51.32E,h9km,27km,ML3.9, IDC 24 08:43:03.1,1.2,31.07N,51.11E,h0km,mb4.0/12, mbtmp4.0/15,ML3.7/3,MS3.3/2, Error ellipse: s-maj=26.2km s-min=17.1km az=174.0

DSN 24 08:43:06.5,1.3,30.77N,51.26E,h15km,ML3.6/12, Error ellipse: s-maj=16.5km s-min=7.5km az=8.0

ISC 24 08:43:02.5,0.4,31.05N,0.01E,0.15E,0.03,h10km,n113, r=156/116,mb4.2/27,Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KLNJ, KLNJ, IBRJ, ABEN, ZNGN, IRAM, JHBN, KAZZ, IGAR, IPIR, SHU, AHRM, ISAD, AHWZ, IKHL, DASHI, QIR1, BMDN, ISFB, BDRS, IDOB, IKFM, IRAZ, IDMV, KCHF, QABG, SNGR, ILSA, ILIN, IDHR, TAPT, SHME, MSFE, MDH, ASUD, FAQ, UOSS, UOSS, HATD, ASHO, MZR, SOHO, RAYN, RAYN, SIRT, SIRT, WSAR, WSAR, MARD, ASF, KOPT, MMAL, KBZ, KIV, BNN, CSS, CSS, CSS, SIMJ, CHGR, CHGR, ILGA, ILGA, GAR, NIL, BORA, ABKAR, ABKAR, ABKAR, KK31, KKAR, AKTO, AKTO, IDI, IDI, ALN, ALN, BOOM, BOOM, TARG, TARG, MLR, MLR, AGG, AGG, VOIR, VOIR, NDNV, AK05, AK05, AKASG, AKASG, AKASG, AKASG.

IDC 24 08:48:06.4,22.0,2.99S,67.75E,h0km,mb3.7/3, s-min=47.4km az=73.0, Carlsberg Ridge

PALE Pallekele 16.46 52 LR 08 56 39.8

WSAR Wadi Sarin 27.54 342 LR 09 02 50.3

CMAR Chiang Mai Arr 37.38 54 LR 09 08 42.8

KAPI Kappang 51.91 94 LR 09 18 00.0

SUN Suthland 52.80 231 LR 09 18 25.1

SUN Songoing Array 60.84 29 P 08 58 20.7

ASAR Alice Springs 66.99 114 P 08 59 01.9+0.2

WRA Warrunganga Arr 66.99 110 P 08 59 01.6-0.2

RPZ Rata Peaks 97.53 135 LR 09 40 09.0

NDI 24 08:52:17.8,4.2,30.58N,77.27E,h10km,ML3.5, MW3.5, Northern India

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMLA, SMLA, SMLA, SMLA, DDI, DDI, DDI, DDI, BHK, BHK, BHK, BHK, DHRM, DHRM, DHRM, DHRM, DHRM, NDI, NDI, NDI, PTH, PTH, LGTI, LGTI, LGTI, JMU, JMU, JMU, AJM, BHPH, BHPH.

NOU 24 09:00:52.2,38.56S,178.15E,h13km,MLV3.7/9, Off E. Coast of N. Island, N.Z.

WEL 24 09:00:54.6,0.4,38.53S,177.8E, h30km,4km, M3.3/14, ML3.6/14,MLV3.6/14, Error ellipse: s-maj=0.0km

ISC 24 09:00:54.3,1.5,38.48S,178.08E,0.05,h47km,8km, n88,r=190/98, Off east coast of North Island

IDC 24 09:37:36.3,6.5,54.25N,87.49E,h0km,mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=25.7km s-min=17.0km az=55.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR, MKAR, WSAR, WSAR.

IDC 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KBL, KBL, NIL, HRA, SIMJ, CHGR, CHGR, GAR, GAR, WSAR, WSAR, WSAR.

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

BTk 24 09:15:23.6,0.8,29.37N,109.68E,22E,0.09,h10km,n29, r=141/32,mb3.9/3,Pakistan

Table with columns: AAK, comp, LR, LR, 09 23 46.2, etc. Includes stations like MAKZ, MKAR, MKAR, MKAR, MKAR, etc.

Table with columns: SHO, SHO, SHO, SHO, SHO, etc. Includes stations like SHOTAN, SHOTAN, SHOTAN, SHOTAN, SHOTAN, etc.

Table with columns: IMAR, IMAR, IMAR, IMAR, IMAR, etc. Includes stations like IMAR, IMAR, IMAR, IMAR, IMAR, etc.

SKHL 24 09:17:04.3:0.7, 42.50N:141.80E, h44km, 5km, mb4.9/3
JMA 24 09:17:05.8:1.0, 42.6N:0.4:142.0E:0.5, h41km, 1km,
MD4.3/40, MW4.3/40, ISHIKARI DEPRESSION.

USRK 24 09:17:05.6:1.1, 42.61N:142.00E, h55km, mb4.5/7, Error
ellipse: s-maj=8.7km s-min=7.0km az=89.9
NIED 24 09:17:05.8, 42.64N:142.00E, h41km, MW4.3, Moment
Tensor Solution. s3 Moment tensor: Scale 1015Nm;

USRK 24 09:17:05.6:1.1, 42.61N:142.00E, h55km, mb4.5/7, Error
ellipse: s-maj=8.7km s-min=7.0km az=89.9
NIED 24 09:17:05.8, 42.64N:142.00E, h41km, MW4.3, Moment
Tensor Solution. s3 Moment tensor: Scale 1015Nm;

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

Main station list table with columns: SHO, SHO, SHO, SHO, SHO, etc. Includes stations like SHOTAN, SHOTAN, SHOTAN, SHOTAN, SHOTAN, etc.

Main station list table with columns: IMAR, IMAR, IMAR, IMAR, IMAR, etc. Includes stations like IMAR, IMAR, IMAR, IMAR, IMAR, etc.

TAP 24 09:22:51.5, 24.50N:122.84E, h103km, 1km, ML3.4, C
JMA 24 09:22:51.0, 24.24N:122.84E, h104km, 1km,
MV2.3/13, NW OFF ISHIGAKUJIMA IS.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ESAO Su ao, EWUT Wuta, ENA Nanau, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like EDH, ALS Alshan, ELDTW Lidau, etc. Contains several text blocks with coordinates and error ellipses.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like I43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF, I46RU ZALESOVO INFRA2.39, etc. Contains several text blocks with coordinates and error ellipses.

24d 13h

IDC 24 12:33:28.6:8.9,40:73N:143:09E,h0km,mb4.2/5,mbmp4.1/6,ML3.4/1,Error ellipse: s-maj=256.3km s-min=109.8km az=6.0
NEIC 24 12:33:58.8:2.3,42:22N:0:05:141:27E:0:10, h122km,8km,mb4.3/20,Error ellipse: s-maj=10.9km s-min=6.9km az=115.0
JMA 24 12:33:58.6:0.1,42:3N:0:3:141:3E:0.5,h108km, MV2.8/35,S OFF TOMAKOMAI
ISC 24 12:33:57.7:0.7,42:23N:0:04:141:24E:0:04,h116km,5km, n55,+095/68,mb4.3/14,Hokkaido region

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

KRNET 24 13:19:03.9:0.1,39:58N:75:47E,mb3.0
SOME 24 13:19:05.7,39:82N:75:42E,h0km
NNC 24 13:19:06.4:2.5,39:78N:75:38E,h0km,mb3.7,mpv3.3, Error ellipse: s-maj=16.7km s-min=14.5km az=159.0
ISC 24 13:19:05.0:3.2,39:5N:0:1:75:41E:0:05,h12km,25km, n32,+1915/53,13C-7D,Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, Res, ISC. Lists seismic stations for the 13:19 UTC event.

2018 SEP

Main seismic event table with columns: KST, KasteK, Time Res, Pg, Pb, 13 20 08.0 -0.5, Wb2, Iamb, Iamb, 13 27 50.8. Lists stations like JNB, JKB, JEW, etc.

IDC 24 13:23:30.9:0.7,3:55S:139:60E,h0km,mb4.3/10, mbmp=3.1/11,MS3.6/16,Error ellipse: s-maj=32.6km s-min=16.9km az=66.0
DJA 24 13:23:32.0:2.4,3:22S:140:0E,h10km,MB.9/28,MB5.2/8, Kaituma, Papua
NEIC 24 13:23:38.5:2.2,3:80S:0:10:139:39E:0:08,h55km,8km, mb4.6/33,Error ellipse: s-maj=14.1km s-min=11.8km az=193.0
ISC 24 13:23:36.1:0.4,3:69S:0:05:139:50E:0:05,h35km,n127, a1565/112,mb4.7/40,MS3.6/14,2D,Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, Res, ISC. Lists seismic stations for the 13:23 UTC event.

1570

Table with columns: Wb2, Iamb, Iamb, 13 27 50.8, WRA, Warrungarra Arr, 16.92 197, Pn, 13 27 27.4 -3.0, WRA, Warrungarra Arr, 16.92 197, Pn, 13 27 27.7 -2.6, WRA, Warrungarra Arr, 16.92 197, Pn, 13 27 34.6 -2.9, WRA, Warrungarra Arr, 16.92 197, Pn, 13 27 30.9, BBSI, Bau Bau, 16.97 263, P, 13 27 35.1 +2.5, BATI, Baumata, 16.99 247, P, 13 27 32.8 -0.1, GTOI, Gorontalo, 17.03 284, P, 13 27 33.9 +0.7, CTA, Charters Tower, 17.58 159, LR, 13 34 30.0, CTAO, Charters Tower, 17.58 159, P, 13 27 40.5 +1.1, CTAO, Charters Tower, 17.58 159, P, 13 27 39.8 +0.5, GUMO, Guam, 17.97 17, LR, 13 33 09.5, APSI, Ampaña, 18.04 278, P, 13 27 43.0 -1.3, EDFI, Ende Flores, 18.40 253, P, 13 27 48.9 +0.2, BSSI, Bau Bau, Buton, 19.09 262, P, 13 27 56.3 +0.3, TOLIZ, Tolitoli, 19.30 284, P, 13 27 58.2 -0.1, TOLIZ, Tolitoli, 19.30 284, P, 13 28 05.3, TOLIZ, Tolitoli, 19.30 284, P, 13 27 58.5 +0.2, BNSI, Bone, 19.36 267, P, 13 27 58.6 -0.3, BKSI, Bulukumba, 19.38 264, P, 13 27 59.2 0.0, FITZ, Fitzroy Crossi, 19.73 222, LR, 13 28 02.2 -0.7, KAPI, Kappang, 19.73 265, LR, 13 28 02.0, ASO1, Alice Springs, 20.57 195, P, 13 28 12.8 +0.7, AS31, Alice Springs, 20.58 195, P, 13 28 11.5 -0.7, AS31, Alice Springs, 20.58 195, P, 13 28 13.9, ASAR, Alice Springs, 20.58 195, P, 13 28 12.3 +0.1, ASAR, Alice Springs, 20.58 195, P, 13 28 12.9 +0.7, ASAR, Alice Springs, 20.58 195, P, 13 31 55.7 -5.0, ASAR, Alice Springs, 20.58 195, P, 13 36 51.7, WBSI, Wababak, 20.82 252, P, 13 28 12.5 -2.4, PLAI, Plampang, 22.18 256, P, 13 28 30.3 +0.8, MYLDM, Lahad Datu, 22.75 293, P, 13 28 34.7 -0.8, MYLDM, Lahad Datu, 22.75 293, P, 13 28 35.7 +0.2, KLNI, Mataram, 23.74 257, P, 13 28 44.1 -1.2, WRKA, Warrungarra Arr, 23.81 206, P, 13 28 45.6 -0.4, INKA, Innamincka, 23.95 177, P, 13 28 48.9 +1.7, OOD, Oodnadatta, 24.25 188, P, 13 28 50.9 +1.0, EIDS, Eidsvold, 24.27 154, P, 13 28 50.1 -0.1, EIDS, Eidsvold, 24.27 154, P, 13 28 52.9, PSA00, Pilbara Seismi, 26.09 225, P, 13 29 04.9 -1.8, PSA00, Pilbara Seismi, 26.09 225, P, 13 29 06.6 -0.1, MULG, Mulgathing, 26.95 190, P, 13 29 15.3 +0.9, STKA, Stephens Creek, 28.11 176, LR, 13 31 17.9, FORT, Forrest, 28.03 201, P, 13 29 35.2 +2.2, UGM, Ulu Gumbir, 29.12 260, P, 13 29 34.7 +0.6, BB00, Buckleboob, 29.15 186, P, 13 29 35.7 +1.7, MEEK, Meekatharra, 31.89 127, LR, 13 29 45.5 +0.8, DZM, Dzungurra, 40.04 358, LR, 13 42 02.6, YOJ, Yonaguni jima, 32.25 331, P, 13 30 02.5 +1.0, MORW, Morawa, 33.66 219, P, 13 30 11.6 -2.2, MORW, Morawa, 33.66 219, P, 13 30 14.6, MORW, Morawa, 33.66 219, P, 13 30 12.9 -0.9, KLBR, Kellerberrin, 34.48 214, P, 13 30 22.3 +1.4, NWA0, Narrogin (SRO), 35.78 213, P, 13 30 33.3 +1.3, NWA0, Narrogin (SRO), 35.78 213, LR, 13 46 46.5, MYKOM, Kota Tinggi, 36.04 278, P, 13 34 31.4 -0.4, JHJ, Hachioji jima 2, 36.61 0, LR, 13 40 14.7, MJAR, Matsuyori Arr, 40.04 358, LR, 13 44 46.7, NJ2, Nanjing, 40.60 333, eP, 13 31 14.8 +2.2, NJ2, Nanjing, 40.60 333, pmax, 13 31 14.8 +2.2, RPSI, Prapat, 41.04 278, P, 13 31 15.5 -1.1, GSI, Gunungstigi, 42.19 276, P, 13 31 24.8 -1.2, KSRS, Korea Array, 42.32 346, P, 13 31 24.0 -2.6, PHRA, Phra Pradaeng, 44.52 301, P, 13 31 43.9 -0.7, CMAR, Chiang Mai Arr, 45.60 300, P, 13 31 52.1 -1.2, CMAR, Chiang Mai Arr, 45.60 300, P, 13 31 53.8 +0.4, CMAR, Chiang Mai Arr, 45.60 300, LR, 13 52 43.9, CHTO, Chiang Mai, 47.50 301, P, 13 31 53.6 -1.0, PZH, Panchhihwa, 47.26 312, P, 13 32 08.4 +2.0, PZH, Panchhihwa, 47.26 312, pmax, 13 32 08.4 +2.0, PZH, Panchhihwa, 47.26 312, pmax, 13 32 08.4 +2.0, URZ, Urewera, 48.57 140, LR, 13 51 24.6, BNX, BinXian, 50.37 349, pP, 13 32 35.0 +5.2, BNX, BinXian, 50.37 349, pmax, 13 32 35.0 +5.2, HHC, Hu-ho-hao-te, 51.15 333, eP, 13 32 39.0 +3.1, HHC, Hu-ho-hao-te, 51.15 333, sP, 13 32 59.9 +9.3, HHC, Hu-ho-hao-te, 51.15 333, pmax, 13 32 59.9 +9.3, HHC, Hu-ho-hao-te, 51.15 333, pmax, 13 32 59.9 +9.3, SONM, Songino Array, 58.93 335, LR, 13 58 50.1, SHEM, Shemya Is, Ala, 63.33 23, LR, 13 56 45.4, CASY, Casey, 65.69 192, Iamb, 13 34 15.1 -1.6, CASY, Casey, 65.69 192, Iamb, 13 34 17.9, PPT, Papeete, 70.72 107, LR, 14 04 00.3, MK31, Makanchi Array, 71.04 322, P, 13 34 50.9 +0.3, MKAR, Makanchi Array, 71.04 322, P, 13 34 51.2 +0.6, MKAR, Makanchi Array, 71.04 322, P, 13 34 51.2 +0.6, MAZK, Makanchi, 71.24 322, P, 13 34 52.0 +0.2, KSH, Kashi, 72.32 313, P, 13 35 01.3 +2.7, ZALV, Zalesovo Beam, 73.17 330, P, 13 35 02.6 -0.6, ZALV, Zalesovo Beam, 73.17 330, LR, 14 06 38.9, KURK, Kurchatov Arr, 74.96 325, P, 13 35 14.6 +0.9, KURB, Kurchatov Arr, 74.97 325, P, 13 35 14.0 +0.3, BVAR, Borovoye Array, 80.58 325, P, 13 35 45.4 +0.5, BVAR, Borovoye Array, 80.58 325, P, 13 35 45.4 +0.5, MAW, Mawson, 81.52 202, P, 13 35 50.1 +0.4, MAW, Mawson, 81.52 202, LR, 14 11 08.7

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like D24K Happy Valley, SUA Susitna One, H23K Yukon River, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like G30M Atoh Zraii Nji, ARCES ARCES Array B, L29M L29M, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like LVC Limon Verde, PB14 IPOC Station P, PB14 IPOC Station P, etc.

NOU 24 14:51:26.3, 32.41S: 178.87W, h468km, mb4.1/7, South of Kermadec Islands

WEL 24 14:53:20.9, 40 S: 43° 17' 5.3" E, 0.9h3km, 62km, M2.3/1, MLV2.3/3, Error ellipse: s-maj=0.1km s-min=0.0km az=1.1

ISC 24 14:53:02.9-2.1, 36.85S: 01x175.89E: 0.10, h100km, n18, r120/16, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BKZ Black Stump Fm, HIZ Hauri, URJ Urewera, etc.

NEIC 24 14:59:34.0, 1.5, 24:50S: 0.07: 67.93W: 0.07, h151km, 12km, mb4.2/2, ML4.1(GUC), Error ellipse: s-maj=11.5km s-min=6.7km az=14.0

ISC 24 14:59:34.3, 4.2, 24:50S: 67.62W, h118km, 41km, mb3.4/4, mbmp3.8/5, MS2.9/2, Error ellipse: s-maj=49.6km s-min=27.2km az=112.0

SJA 24 14:59:34.3, 0.8, 24:45S: 68.00W, h161km, 7km, ML3.6, MW3.7

GUC 24 14:59:35.7, 0.7, 24:49S: 68.10W, h170km, 6km, ML4.1

ISC 24 14:59:34.8, 0.7, 24:47S: 0.04: 68.03W: 0.03, h157km, 7km, n62, r114/80, mb3.8/4, 4C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AF01 San Pedro de A, AF01 San Pedro de A, AF01 San Pedro de A, etc.

IDC 24 15:04:17.7, 1.9, 17:29S: 178.33W, h607km, 19km, mb3.5/8, mbmp4.4/10, Error ellipse: s-maj=23.9km s-min=21.7km az=153.0

NEIC 24 15:04:17.0, 1.6, 17.8S: 0.2: 178.2W: 0.2, h609km, 13km, mb4.5/33, Error ellipse: s-maj=30.0km s-min=21.1km az=203.0

ISC 24 15:04:16.7, 0.7, 17.8S: 0.1: 178.27W: 0.09, h600km, n55, r0:71/65, mb4.4/28, 5C-1D, Fiji Islands region

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

ARM A Armadale 30.10 240 P P 15 09 40.0 +0.6

CTAO Charters Town 33.59 260 P P 15 10 08.4 -0.7

CAN Canberra 33.86 293 P P 15 10 11.3 +0.2

COEN Coen 37.23 270 P P 15 10 38.6 +0.4

TOO Toolangi 37.33 241 P P 15 10 40.4 +0.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, BBOO Bucklebooz, etc.

24d 15h

Table of seismic events with columns: Station, Name, Time, Res, etc. Includes events like Alice Springs, Manton Dam, Forreast, Kununurra, etc.

JMA 24 15:21:36.0, 5.22 N, 137.22 E, h71km, MV3.5/11, TAIWAN REGION
TAP 24 15:21:38.5, 21.91N, 121.78E, h21km, ML3.5, D
ISC 24 15:21:39.5, 1.3, 22.03N, 0.04, 121.78E, 0.03, h16km, 7km, n102, s19, 20/196, Taiwan region

Table of station data with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, etc. Lists stations like LYUB, LAY, LDUT, etc.

2018 SEP

Main table of seismic events with columns: Station, Name, Time, Res, etc. Includes events like EHD, TSMG, FULB, etc.

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Table of seismic events with columns: Station, Name, Time, Res, etc. Includes events like EOS4, NACB, WWHF, etc.

IDC 24 15:27:34.8, 1.8, 3.25N, 127.34E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=147.9km s-min=22.2km az=67.0
DJA 24 15:27:43.3, 0.6, 4.1N, 127.8E, h86km, 11km, M4.1/9, mb4.3/5, mB4.9/1, MLv4.0/9, Mw(mB)4.2/1
ISC 24 15:27:44.9, 1.4, 3.4N, 0.1, 128.2E, 0.1, h100km, n10, s137/11, mb3.3/4, North of Halmahera

Table of station data for the IDC event with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, etc.

NNC 24 15:36:28.6, 1.4, 36.18N, 70.77E, h100km, 35km, mb3.4, mpv3.9, Error ellipse: s-maj=16.6km s-min=10.0km az=130.0
ISC 24 15:36:28.1, 3.9, 36.1N, 0.2, 70.8E, 0.2, h102km, n9, s42/12, 3C-3D, Hindu Kush region

Table of station data for the NNC event with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Erkin-Say, Karatay Array, KK31, etc.

IDC 24 15:44:06.1, 2.10, 1.0, 1.26, 43E, h0km, mb3.9/8, bmtbp3.9/8, MS3.3/6, Error ellipse: s-maj=69.0km s-min=17.9km az=63.0

NEIC 24 15:44:05.5, 1.3, 1.0, 3.0N, 0.1, 1.26, 2E, 0.2, h24km, 8km, mb4.5/14, Error ellipse: s-maj=24.4km s-min=16.0km az=70.0

ISC 24 15:44:06.2, 1.0, 10.3N, 0.1, 1.26, 3E, 0.2, h35km, n35, c070/24, mb4.3/16, MS3.0/4, Philippine Islands region

Main table for 1575 section, listing station data and event details for stations like Davo City, Lahad Datu, Kappang, etc.

IDC 24 15:55:04.0, 1.8, 6.03S, 148.45E, h72km, 16km, mb3.7/10, bmtbp4.1/12, Error ellipse: s-maj=31.6km s-min=9.2km az=113.0

NEIC 24 15:55:03.4, 1.0, 5.98S, 0.07, 148.46E, 0.08, h51km, 7km, mb4.5/33, Error ellipse: s-maj=12.6km s-min=9.4km az=115.0

ISC 24 15:55:03.7, 0.5, 6.01S, 0.06, 148.44E, 0.08, h65km, n74, c088/78, mb4.4/27, New Britain region

Main table for 1575 section, listing station data and event details for stations like Port Moresby, Manu Island, Rabaul, etc.

Main table for 2018 SEP section, listing station data and event details for stations like INKA, OOD, FITZ, etc.

IPEC 24 16:01:59.3, 0.1, 50.07N, 18.49E, h1km, ML2.2/4, Error ellipse: s-maj=2.1km s-min=0.7km az=163.0

VIE 24 16:01:59.4, 1.8, 50.19N, 18.48E, h0km, mb2.6/3, ml2.4/4, Error ellipse: s-maj=22.2km s-min=11.2km az=169.0

PRU 24 16:02:02.3, 5.0, 04N, 18.32E, h0km Suspected Mining induced

ISC 24 16:01:59.2, 0.0, 50.07N, 0.03, 18.46E, 0.02, h0km, n25, c130/46, Poland

Main table for 2018 SEP section, listing station data and event details for stations like RAC, OJK, MOR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CKRC, BRG, KHC, etc.

IDC 24 16:27:29.4, 47.0, 17.35S, 179.08W, h0km, mb4.4/3, bmtbp4.4/3, Error ellipse: s-maj=867.2km s-min=154.8km az=78.0, Fiji Islands region

STKA Stephens Creek 38.34 240 Op Phase ID Time Res h m s ISC 16 02 58.9 +0.7 16 03 54.9 +1.1 16 03 31.1 +0.9

WRA Warramunga Arr 44.1 259 P P 16 03 35.9 -0.3

ASAR Alice Springs 44.3 254 P P 16 35 41.2 -0.4

NOU 24 16:53:37.0, 14.91S, 167.17E, h0km, mb4.5/7, Vanuatu Islands

VLAKA Lakatoro 1.21 168 Op Phase ID Time Res h m s ISC 16 05 59.7 -0.6 16 55 10.4 -0.1 16 55 22.0 -0.4

NEIC 24 17:00:44.1, 7.1, 1.6, 30.32S, 0.07, 177.87W, 0.2, h31km, 6km, mb4.9/24, Error ellipse: s-maj=20.8km s-min=10.6km az=83.0

IDC 24 17:00:44.1, 1.8, 30.15S, 177.89W, h57km, 15km, mb4.2/5, bmtbp4.4/5, Error ellipse: s-maj=26.6km s-min=20.5km az=110.0

ISC 24 17:00:42.0, 0.6, 30.38S, 0.06, 177.9W, 0.1, h35km, n69, c1949/67, mb4.7/18, 5C, Kermadec Islands

RAO Raoul Island 1.13 359 Op Phase ID Time Res h m s ISC 16 07 10.8 -0.4 16 07 14.6 -0.9 16 07 52.0

URZ Urewera 8.86 206 P P 16 02 44.3 -3.3

URZ 7.9m, 0.3s, baz=269, slow=1.8, SNR=8.6

BKZ Black Stamp Fm 9.90 206 Pn Pn 16 02 57.3 -4.5 16 03 17.7 -3.6 16 03 18.9 -5.4

TOO Toolangi 31.05 247 Iamb Iamb 16 07 52.5 +0.5 16 07 54.5

CTAO Charters Tower 33.88 279 P Iamb 16 07 23.6 +2.0 16 07 29.5 +1.7

BBOO Buckleboo 39.06 254 P Iamb 16 08 06.2 +0.6 16 08 06.7

COEN Coen 39.35 286 P Iamb 16 08 10.0 +1.8 16 09 30.1

AS31 Alice Springs 43.20 267 P P 16 08 39.2 -0.6 16 08 39.6 -0.2

WRO Warramunga Arr 44.01 272 P P 16 08 46.0 -0.3 16 08 47.5 -0.2 16 08 48.7

DRV Warramunga Arr 44.19 272 P P 16 08 47.5 -0.2 16 08 49.0

FORT Forrest 46.14 255 P P 16 09 03.4 +0.3 16 09 19.2 +1.8 16 09 21.2 +3.8

KNRA Kununurra 50.79 274 P Iamb 16 09 39.1 0.0 16 10 34.7

FTZ Fitzroy Crossi 52.45 270 P P 16 09 51.8 +0.3 16 09 55.9 +0.7 16 10 0.6 +0.3

QSPA South Pole Qui 59.73 180 P P 16 10 45.4 +2.4 16 10 45.5 +1.5 16 12 03.6 -0.2

TROLL Troll, Antarti 77.89 180 P P 16 12 36.5 +0.7 16 12 37.4 +0.1 16 13 11.2

SNAI Sanae 78.17 178 P Iamb 16 12 38.8 +1.4 16 12 38.1 +0.1 16 12 48.0 +0.3

VNA2 Neumayer-Watz 78.75 177 P P 16 12 48.0 +0.3 16 12 42.0 +0.4

24d 18h

Table with columns: Station Name, Time, Res, P, PKPab, and various station codes (C23K, L19K, K20K, etc.).

2018 SEP

Table with columns: Station Name, Time, Res, P, PKPab, and various station codes (GAMB, PET, GAMB, etc.).

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Table with columns: Station Name, Time, Res, P, PKPab, and various station codes (KDU, WRKA, WBO, etc.).

24d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MCK McKinley, E18K Tukpalearik C, K29M Barlow Dome, etc.

10.42 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like M16K Timber Creek, WRLGY Wrigley, NEIC 24, etc.

1580

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRDY Brady, WHTX Lake Whitney, OZNA Ozona, etc.

ASAR Alice Springs 25.85 165 P P 19 39 01.2 -2.1
CMAR Chiang Mai Arr 32.14 304 LR LR 19 54 20.4
MKAR Makanchi Array 59.50 326 P P 19 43 35.6 +1.1

NEIC 24 19:46:05.0-7.0,35.961N,0:008-97:24W,0:01,h6km,2km, mb_Lg2.9/69,ML3.1/58,ML3.1, Error ellipse: s-maj=1.7km s-min=1.2km az=90.0

NEIC 24 19:46:05.8-0.7,35.959N,0:019-97:23W,0:02,h7km,1km, Error ellipse: s-maj=1.9km s-min=1.5km az=116.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like Liberty Lake, Brethren Rd, Arcadia Dam, Battle Ridge R, Quoy, Pawnee Station, OKLAHOMA CITY, etc.

AUST 24 20:33:52.3-0.7,32.3' S, 112.1' E, h10km, mb4.7/4, ML4.0/10, Error ellipse: s-maj=9.0km s-min=6.1km az=76.6

IDC 24 20:33:56.1-5.2,29:33S,111:50E,h0km,mb3.4/3, mbmp3.5/3,MS3.1/2, Error ellipse: s-maj=63.1km s-min=47.0km az=125.0

ISC 24 20:33:50.5-2.2,31:74S,006:11:8E,0:1,h10km,m50, c251/44,mb3.7/5,4C,West of Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like Mount Kenneth, Georgiana Moll, Mundaring, Morawa, Lake Muir 05, Narrogin (SRO), etc.

IDC 24 21:03:41.4,26:66N,129:53E,h0km,mb3.5/4, mbmp3.6/5,ML3.4/1, Error ellipse: s-maj=63.9km s-min=21.6km az=72.0

JMA 24 21:10:05.0-0.1,26:77N,0:5:129:7E,0:4,h47km,MV3.3/21, NEAR OKINAWAJIMA ISLAND

ISC 24 21:10:04.0-4.8,26:71N,0:004:129:67E,0:03,h15km,n21, c1925/37,mb3.6/4,Ryukyu Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like Songino Array, Makanchi Array, Kurbb Kurchatov 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 SONM Songo Array, HHC Hu-ho-hao-te, HHC Cape Leeuwin H, etc.

IDC 24 23:48:29.2.2.1, 18.06S; 178.15W, h539km, 21km, mb2.9/5, mbmp3.7/6, Error ellipse: s-maj=36.3km s-min=28.7km az=165.0

ISC 24 23:48:30.0.1.1, 18.0S; 0.3; 178.3W; 0.2, h500km, n7, a=083.8, mb3.4/5, Fijil Islands region

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

IDC 24 23:21:05.0.1.4, 13.32N; 124.77E, h0km, mb4.0/8, mbmp4.0/8, Error ellipse: s-maj=167.9km s-min=17.6km az=67.0

ISC 24 23:21:10.4.1.3, 13.22N; 0.5; 125.5E, h35km, n14, a=082/12, mb4.0/8, Luzon

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

NEIC 24 23:29:18.8.2.1, 5.48S; 0.04; 146.3E; 0.3, h126km, 24km, mb4.2/9, Error ellipse: s-maj=36.6km s-min=4.2km az=84.0

IDC 24 23:29:22.4.4.5, 9.50S; 145.94E, h83km, 31km, mb3.7/2, mbmp4.3/4, Error ellipse: s-maj=34.5km s-min=28.7km az=156.0

ISC 24 23:29:17.1.2.5, 4.3S; 0.09; 145.9E; 0.1, h100km, n25, a=260/27, mb4.0/4, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MANU Manus Island, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, COEN Coen, KDU Kakadu, etc.

IDC 24 23:34:22.3.5.5, 10.34N; 126.08E, h46km, 52km, mb3.8/16, mbmp4.1/16, MS3.3/8, Error ellipse: s-maj=31.7km s-min=16.5km az=71.0

NEIC 24 23:34:24.5.0.9, 10.44N; 0.09; 126.13E; 0.10, h47km, 7km, mb4.5/5, Error ellipse: s-maj=14.3km s-min=12.7km az=70.0

ISC 24 23:34:23.8.0.4, 10.48N; 0.07; 126.1E; 0.1, h51km, n69, a=125/60, mb4.4/38, MS3.2/6, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAV Davao City (W), KAPI Kappang, GUMO Guam, etc.

IDC 24 23:37:02.2.1.3, 12.82N; 144.92E, h68km, 8km, mb3.7/11, mbmp4.0/11, MS3.2/1, Error ellipse: s-maj=28.3km s-min=17.9km az=87.0

ISC 24 23:36:59.7.0.9, 12.65N; 0.09; 144.9E; 0.2, h50km, n29, a=107/25, mb4.0/14, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, H11S WAKE ISLAND Hy, etc.

IDC 24 23:50:28.4.0.5, 24.57S; 175.66W, h0km, mb4.6/20, mbmp4.7/22, MLN 4.5/2, MS4.2/44, Error ellipse: s-maj=19.1km s-min=13.8km az=105.0

NEIC 24 23:50:29.7.2.5, 24.38S; 0.09; 175.41W; 0.09, h10km, 1km, mb4.8/90, Error ellipse: s-maj=15.1km s-min=13.7km az=149.0

GCMT 24 23:50:32.7.0.2, 24.56S; 0.02; 175.26W; 0.02, h14km, MW5.0/109, Moment Tensor Solution, s58, c68; s109, c147; Duration: 0 Moment tensor: Scale 10^16Nm; M1=0.42; M2=1.40; M3=1.40; M4=1.40; M5=1.40; M6=1.40; M7=1.40; M8=1.40; M9=1.40; M10=1.40; M11=1.40; M12=1.40; M13=1.40; M14=1.40; M15=1.40; M16=1.40; M17=1.40; M18=1.40; M19=1.40; M20=1.40; M21=1.40; M22=1.40; M23=1.40; M24=1.40; M25=1.40; M26=1.40; M27=1.40; M28=1.40; M29=1.40; M30=1.40; M31=1.40; M32=1.40; M33=1.40; M34=1.40; M35=1.40; M36=1.40; M37=1.40; M38=1.40; M39=1.40; M40=1.40; M41=1.40; M42=1.40; M43=1.40; M44=1.40; M45=1.40; M46=1.40; M47=1.40; M48=1.40; M49=1.40; M50=1.40; M51=1.40; M52=1.40; M53=1.40; M54=1.40; M55=1.40; M56=1.40; M57=1.40; M58=1.40; M59=1.40; M60=1.40; M61=1.40; M62=1.40; M63=1.40; M64=1.40; M65=1.40; M66=1.40; M67=1.40; M68=1.40; M69=1.40; M70=1.40; M71=1.40; M72=1.40; M73=1.40; M74=1.40; M75=1.40; M76=1.40; M77=1.40; M78=1.40; M79=1.40; M80=1.40; M81=1.40; M82=1.40; M83=1.40; M84=1.40; M85=1.40; 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M998=1.40; M999=1.40; M1000=1.40; M1001=1.40; M1002=1.40; M1003=1.40; M1004=1.40; M1005=1.40; M100

-0.7780, Plg3.0000", Azm218.0000"; P -3.3810, Plg17.0000", Azm127.0000"; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 24.23:50.30.2.0.3, 24.63S, 0.05:175.31W, 0.05, h19km, n206, e1972/186, mb4.8/7.4, MS4.3/4.1, 10C-1D, South of Tonga Islands

Table with columns: Code, Station Name, A1, AZ, Op, Phase, ID, Time, Res, ISC. Rows include stations like RAO, NIUE, MSVF, AFI, RAR, URZ, RTZ, DZM, PPT2, PPT1, WHZ, HNR, TOO, CTA, CTAO, RKT, STKA, PMG, COEN, ASAR, WRA, WRA, KNRA, SBA, GUMO, FITZ, RPN, NWAO, SOEI, MBWA, MORW, CASY, KAPV, QSPA, DAV, TOLJ, SMAI, JGW, JGF, MJAR, MAJO, MJB9.

Table with columns: PMSA, Station Name, Time, Res, ISC. Rows include Palmer Station, JNU, JKA, ASAJ, MAW, LPIG, ISA, PFB, PETK, O02D, AFDM, GSC, OMMB, KRSR, H03S2, H03S1, H03S3, WAKR, DSP, GYW, YBH, PNTR, LHV, YERR, GMN, RYN, NVAR, WCT, PAHR, TPNV, V12A, KVN, W13A, SHPR, TROLL, PRN, USRK, SNA, SNA, SNA, VNA3, J05D, R11B, VNA2, NJ2, VNA1, PLCA, PLCA, LCMT, WVOR, CCUT, KNB, U15A, PSUT, MDJ, MDJ, MDJ, I07A, PKCU, ELK, ELK, OZB, MTPU, IPM, TCRU, MSU, L14K, G08A, G08A, CBB, CBB, UBPT, WHN, WHN.

Table with columns: BBB, Station Name, Time, Res, ISC. Rows include Bella Bella, VHRN, BNX, TXAR, RPSI, K15K, D08A, SRU, HLID, ANMO, ANMO, ANMO, CMIG, NEW, HEH, HNS, LYN, PDAR, PDAR, ENH, BOZ, M27K, OVMT, SLVN, YNE, ILAR, J26L, XAN, XAN, XLT, XLT, PHRA, ATAH, CRAI, CMAR, CHTO, RSSD, LVC, JTS, PZH, PZH, BTO, BTO, YAK, LPAZ, YKA, YKA, SONM, BOSA, FINES, NOA, KBZ, HFS, STRU, BORB, ONAU, DEL, AKASG, EKA, BRTR, MMAL, CLL, CLL, CLL, OST, CHVC, DPC, BRG, MORC, JAVO, VRC, KRUC, KHC, KHC, CKRC, GERS, CONA.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like ROSALIA, MOA, ARSA, BIOA, LESA, RETA, WATA, WOTA, OBTA, MYKA, ABTA, ESDC, ESDC, TORO, TORO, TORO.

IDC 24 23:59:04.6, 0.6, 10.33N, 126.24E, h0km, mb4.1/15, mbtmp4.1/15, Error ellipse: s-maj=35.1km s-min=13.5km az=71.0

NEIC 24 23:59:11.0, 0.2, 4, 10.33N, 0.08, 126.12E, 0.1, h35km, 2km, mb4.6/34, Error ellipse: s-maj=25.0km s-min=13.1km az=85.0

ISC 24 23:59:10.0, 0.5, 10.35N, 0.06, 126.22E, 0.1, h35km, n65, n105/64, mb4.5/33, Philippine Islands region

Main table of station data with columns: Code, Station Name, Time, Res, and various codes. Includes stations like DAV, TOLI, LULU, TRUB, SDBL, NACB, MTN, KNRA, PHRA, KRSR, CMAR, FITZ, WRA, WRA, MBWA, PSA00, USRK, ASAR, ASAR, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, MORW, UNL, SONM, SONM, FORT, NWA0, SB00, STKA, STKA, ARMA, MKAR, ZALV, ZALV, KURK, KURK, KURB, BTK, GAR, CHGR, CHGR, KKAR, BVAR, ABKAR, G21K, CASY, RAYN, RAYN, BPAW, BPAW, SUA, D23K, D23K, C23K, C23K, ILAR, I28M, I28M, E29M.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like H29M, G29M, M29M, H31M, O30N, FINES, MAW, TXAR, TORD, PLCA, LPAZ.

SDD 25 00:04:26.5, 1.9, 19.91N, 72.20W, h15km, 517km, MD3.4, ML3.4, MW3.5

SSNC 25 00:04:27.2, 0.7, 20.03N, 72.11W, h19km, 19km, MD3.6, ML3.2

ISC 25 00:04:25.9, 1.5, 19.93N, 0.04, 72.17W, 0.04, h21km, 5km, n21, c085/27, 18C, Haiti region

Main table of station data with columns: Code, Station Name, Time, Res, and various codes. Includes stations like L0DA1, REDR, REDR, REDR, SDDR, SDDR, SDDR, SDDR, PAPH, PAPH, PAPH, PAPH, JIDR, JIDR, JIDR, GRTK, GRTK, GRTK, PODR, PODR, PODR, MASB, LOBA2, LOBA2, BANI, BANI, BANI, QMBU, QMBU, MOAC, GTBY, GTBY, MARVS, CHVG.

IDC 25 00:16:36.8, 387.0, 34.54N, 45.21E, h0km, Error ellipse: s-maj=307.2km s-min=108.7km az=109.0, Iran-Iraq border region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like I31KZ, I19DJ, I46RU.

IDC 25 00:26:07.9, 2.3, 18.07S, 178.28W, h555km, 21km, mb3.3/5, mbtmp3.6/10, ML3.6/2, Error ellipse: s-maj=41.8km s-min=17.2km az=26.0

NEIC 25 00:26:07.3, 1.3, 18.1S, 0.1, 178.0W, 0.2, h56km, 14km, mb4.3/14, Error ellipse: s-maj=36.9km s-min=8.8km az=116.0

ISC 25 00:26:06.7, 1.0, 18.25S, 0.1, 178.1W, 0.2, h550km, n23, n075/23, mb4.2/12, Fiji Islands region

Main table of station data with columns: Code, Station Name, Time, Res, and various codes. Includes stations like MSVF, MSVF, FUTU, KOUNC, EIDS, ARMA, CTAO, CAN, CAN, TOO, TOO.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like COEN, COEN, STKA, STKA, MCQ, BBOO, BBOO, WRA, WRA, ASAR, ASAR, FITZ, PSA00, MBWA, UGM, QSPA, ILAR, ILAR.

BER 25 00:29:37.3, 0.9, 74.60N, 9.79E, h10km, mb(Pn)3.7, Confirmed Earthquake

NAO 25 00:29:38.7, 1.1, 0.74, 85N, 10.20E, h7km, 107km, ML2.9

ISC 25 00:29:37.3, 1.1, 74.34N, 0.1, 9.79E, 0.2, h10km, n12, c086/15, Greenland Sea

Main table of station data with columns: Code, Station Name, Time, Res, and various codes. Includes stations like HSPB, HSPB, HSPB, BRBA, BRBA, BRBA, BRBA, SPA0, SPA0, SPA0, HOPEN, HOPEN, KBS, KBS, KBS, KBS, ARA0, ARA0.

FUNV 25 00:36:51.4, 10.40N, 62.17W, h14km, MW3.4

TRN 25 00:36:53.5, 10.54N, 62.14W, h15km, MD3.4, Gulf of Paria

ISC 25 00:36:50.2, 1.6, 10.32N, 0.04, 62.25W, 0.03, h17km, 12km, n16, c101/22, Near coast of Venezuela

Main table of station data with columns: Code, Station Name, Time, Res, and various codes. Includes stations like TCE, TPB, PSGH, TRN, TRN, GRFF, GRFF, GRGR, CUMV, CUMV, GRHS, GRHS, GCMP, GCMP, PCRV, PCRV, SLAC, SLBI, LUEV, LUEV, CACV, CACV, GENW, BENV, BAUV, BAUV.

IDC 25 00:37:55.8, 1.3, 67.83N, 162.69W, h0km, mb3.6/8, mbtmp3.6/10, ML3.6/2, Error ellipse: s-maj=48.9km s-min=17.2km az=26.0

AEIC 25 00:37:56.5, 1.7, 67.65N, 162.65W, 0.1, h5km, 6km, s-min=7.7km az=73.0

NEIC 25 00:37:57.5, 1.8, 67.61N, 0.03, 162.56W, 0.09, h10km, 1km, Error ellipse: s-maj=6.3km s-min=2.9km az=234.0

ISC 25 00:37:56.7, 1.0, 67.65N, 0.02, 162.46W, 0.03, h8km, 7km, n219, c099/227, mb3.7/7, Northern Alaska

Main table of station data with columns: Code, Station Name, Time, Res, and various codes. Includes stations like D17K, D17K, D17K, D17K, RD0G, RD0G, RD0G, RD0G, RD0G, RD0G, E17K, E17K, E17K, E18K, E18K, E18K, C17K, C17K, C17K, C18K, C18K, C18K, C18K, C18K.

1585

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Roar, Elevation Roar, Azimuth Silence, Elevation Silence, Azimuth Noise, Elevation Noise, Azimuth Vibration, Elevation Vibration, Azimuth Shock, Elevation Shock, Azimuth Impact, Elevation Impact, Azimuth Explosion, Elevation Explosion, Azimuth Fire, Elevation Fire, Azimuth Smoke, Elevation Smoke, Azimuth Steam, Elevation Steam, Azimuth Fog, Elevation Fog, Azimuth Rain, Elevation Rain, Azimuth Snow, Elevation Snow, Azimuth Ice, Elevation Ice, Azimuth Wind, Elevation Wind, Azimuth Cloud, Elevation Cloud, Azimuth Sun, Elevation Sun, Azimuth Moon, Elevation Moon, Azimuth Stars, Elevation Stars, Azimuth Planets, Elevation Planets, Azimuth Galaxies, Elevation Galaxies, Azimuth Universe, Elevation Universe.

2018 SEP

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Roar, Elevation Roar, Azimuth Silence, Elevation Silence, Azimuth Noise, Elevation Noise, Azimuth Vibration, Elevation Vibration, Azimuth Shock, Elevation Shock, Azimuth Impact, Elevation Impact, Azimuth Explosion, Elevation Explosion, Azimuth Fire, Elevation Fire, Azimuth Smoke, Elevation Smoke, Azimuth Steam, Elevation Steam, Azimuth Fog, Elevation Fog, Azimuth Rain, Elevation Rain, Azimuth Snow, Elevation Snow, Azimuth Ice, Elevation Ice, Azimuth Wind, Elevation Wind, Azimuth Cloud, Elevation Cloud, Azimuth Sun, Elevation Sun, Azimuth Moon, Elevation Moon, Azimuth Stars, Elevation Stars, Azimuth Planets, Elevation Planets, Azimuth Galaxies, Elevation Galaxies, Azimuth Universe, Elevation Universe.

25d 1h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Roar, Elevation Roar, Azimuth Silence, Elevation Silence, Azimuth Noise, Elevation Noise, Azimuth Vibration, Elevation Vibration, Azimuth Shock, Elevation Shock, Azimuth Impact, Elevation Impact, Azimuth Explosion, Elevation Explosion, Azimuth Fire, Elevation Fire, Azimuth Smoke, Elevation Smoke, Azimuth Steam, Elevation Steam, Azimuth Fog, Elevation Fog, Azimuth Rain, Elevation Rain, Azimuth Snow, Elevation Snow, Azimuth Ice, Elevation Ice, Azimuth Wind, Elevation Wind, Azimuth Cloud, Elevation Cloud, Azimuth Sun, Elevation Sun, Azimuth Moon, Elevation Moon, Azimuth Stars, Elevation Stars, Azimuth Planets, Elevation Planets, Azimuth Galaxies, Elevation Galaxies, Azimuth Universe, Elevation Universe.

TEH 25 00:42:03.3, 34.64N, 46.35E, h9km, 25km, ML2.7
ISN 25 00:42:05.7, 1.2, 34.58N, 46.25E, h29km, 24km, ML2.6
ISC 25 00:42:02.3, 0, 34.66N, 0.04, 46.29E, 0.04, h14km, 8km, n10, c040/15, Western Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth 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 Roar, Elevation Roar, Azimuth Silence, Elevation Silence, Azimuth Noise, Elevation Noise, Azimuth Vibration, Elevation Vibration, Azimuth Shock, Elevation Shock, Azimuth Impact, Elevation Impact, Azimuth Explosion, Elevation Explosion, Azimuth Fire, Elevation Fire, Azimuth Smoke, Elevation Smoke, Azimuth Steam, Elevation Steam, Azimuth Fog, Elevation Fog, Azimuth Rain, Elevation Rain, Azimuth Snow, Elevation Snow, Azimuth Ice, Elevation Ice, Azimuth Wind, Elevation Wind, Azimuth Cloud, Elevation Cloud, Azimuth Sun, Elevation Sun, Azimuth Moon, Elevation Moon, Azimuth Stars, Elevation Stars, Azimuth Planets, Elevation Planets, Azimuth Galaxies, Elevation Galaxies, Azimuth Universe, Elevation Universe.

AFAD 25 01:41:34.7, 0, 36.45N, 28.72E, h11km, 2km, ML2.9
ISK 25 01:41:34.8, 36.48N, 28.76E, h2km, ML2.9/14
ATH 25 01:41:35.0, 36.41N, 28.77E, h9km, 2km, ML2.9/8, Manual Solution by A. Fokas This location: 2020/07/07 00:22:22

ML Amplitudes are expressed in micrometers, all distances are expressed in degrees Latitude uncertainty: 2 km; Longitude uncertainty: 2 km
THE 25 01:41:37.0, 36.49N, 28.62E, h0km, 1km, ML2.7, Error ellipse: s-maj=3.6km s-min=1.2km az=108.0
ISC 25 01:41:35.2, 1, 0, 36.48N, 0.02, 28.76E, 0.01, h10km, 8km, n73, c082/17, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Roar, Elevation Roar, Azimuth Silence, Elevation Silence, Azimuth Noise, Elevation Noise, Azimuth Vibration, Elevation Vibration, Azimuth Shock, Elevation Shock, Azimuth Impact, Elevation Impact, Azimuth Explosion, Elevation Explosion, Azimuth Fire, Elevation Fire, Azimuth Smoke, Elevation Smoke, Azimuth Steam, Elevation Steam, Azimuth Fog, Elevation Fog, Azimuth Rain, Elevation Rain, Azimuth Snow, Elevation Snow, Azimuth Ice, Elevation Ice, Azimuth Wind, Elevation Wind, Azimuth Cloud, Elevation Cloud, Azimuth Sun, Elevation Sun, Azimuth Moon, Elevation Moon, Azimuth Stars, Elevation Stars, Azimuth Planets, Elevation Planets, Azimuth Galaxies, Elevation Galaxies, Azimuth Universe, Elevation Universe.

TXIG	TLaxiaco	1.41	57	Pn	03 17 40.7 -0.4	JRQG	Juriquilla Cam	4.42 342	eP	Pn	03 18 28.1 +5.6	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
TXIG	TLaxiaco	1.41	57j	eP	03 18 01.0 +0.4	MIHL	Minatitlan	4.51 70	eS	Sn	03 19 19.4 +3.3	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
TXIG	TLaxiaco	1.41	57j	eP	03 17 40.7 -0.4	MMIG	Aquila	4.52 294	eP	Sn	03 18 22.9 -0.7	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
TXIG	TLaxiaco	1.41	57j	eP	03 18 01.0 +0.4	MMIG	Aquila	4.52 294	eP	Sn	03 19 16.5 +0.2	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
YQIG	Yosondua	1.44	75	eS	03 17 41.3 -0.3	MMIG	Aquila	4.52 294	eP	Sn	03 18 22.9 -0.7	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
YQIG	Yosondua	1.44	75	eS	03 18 19.9 +0.2	TUIG	Tuzandepetl	4.64 70	eP	Sn	03 18 24.7 +0.6	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
YQIG	Yosondua	1.44	75j	eP	03 17 41.3 -0.3	TUIG	Tuzandepetl	4.64 70	eP	Sn	03 19 21.8 +2.6	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
YQIG	Yosondua	1.44	75j	eP	03 18 01.9 +0.2	TUIG	Tuzandepetl	4.64 70	eP	Sn	03 18 24.7 +0.6	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
ATYC	Atoyac	1.55	298	eP	03 17 40.6 -2.2	UXUV	UXUV	4.72 79	eP	Sn	03 18 25.0 -0.6	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
ATYC	Atoyac	1.55	298	eP	03 18 01.9 -1.0	UXUV	UXUV	4.72 79	eP	Sn	03 19 20.7 -0.6	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
MEIG	Mezcala	1.55	338	eS	03 17 42.1 -0.8	IGIG	Irapuato, Guan	4.79 333	eP	Sn	03 18 31.5 +4.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
MEIG	Mezcala	1.55	338j	eP	03 17 48.3 -0.2	IGIG	Irapuato, Guan	4.79 333	eP	Sn	03 18 35.4 +1.9	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
MEIG	Mezcala	1.55	338j	eP	03 17 42.1 -0.8	IGIG	Irapuato, Guan	4.79 333	eP	Sn	03 18 31.5 +4.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
MEIG	Mezcala	1.55	338j	eP	03 17 48.3 -0.2	IGIG	Irapuato, Guan	4.79 333	eP	Sn	03 18 35.4 +1.9	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
FTIG	Fresnillo de T	1.64	30	eS	03 17 44.0 -0.2	CTUV	Llano Grande	5.00 7	eP	Pb	03 18 37.9 -4.9	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
FTIG	Fresnillo de T	1.64	30	eS	03 18 04.1 -1.3	CTUV	Llano Grande	5.00 7	eP	Pb	03 19 34.4 +5.3	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
FTIG	Fresnillo de T	1.64	30	eS	03 17 44.0 -0.2	COIG	Colima	5.21 302	eS	Sn	03 18 33.4 +0.2	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
FTIG	Fresnillo de T	1.64	30	eS	03 18 04.1 -1.3	COIG	Colima	5.21 302	eS	Sn	03 19 38.0 +4.5	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
HLIG	Huajuapán de L	1.76	40	eS	03 17 45.6 -0.4	JUBC	Volcan de Coli	5.29 305	eP	Sn	03 18 36.5 +2.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
HLIG	Huajuapán de L	1.76	40j	eP	03 18 07.6 -0.9	JUBC	Volcan de Coli	5.29 305	eP	Sn	03 19 37.5 +1.8	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
HLIG	Huajuapán de L	1.76	40j	eP	03 17 45.6 -0.4	JUBC	Volcan de Coli	5.29 305	eP	Sn	03 18 36.5 +2.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
HLIG	Huajuapán de L	1.76	40j	eP	03 18 07.6 -0.9	JUBC	Volcan de Coli	5.29 305	eP	Sn	03 19 37.5 +1.8	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PLIG	Platanillo	1.96	346	eP	03 18 11.4 -1.7	EZSV	Volcan de Coli	5.30 305	eP	Sn	03 18 35.8 +1.1	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PLIG	Platanillo	1.96	346j	eP	03 17 51.4 -0.4	EZSV	Volcan de Coli	5.30 305	eP	Sn	03 19 37.5 +1.8	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PLIG	Platanillo	1.96	346j	eP	03 18 11.4 -1.7	EZSV	Volcan de Coli	5.30 305	eP	Sn	03 18 35.8 +1.1	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PLIG	Platanillo	1.96	346j	eP	03 17 51.4 -0.4	EZSV	Volcan de Coli	5.30 305	eP	Sn	03 19 37.5 +1.8	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
ARIG	Puente Sto Nin	2.20	324	eS	03 18 18.7 -0.4	SOMAC	Volcano de Col	5.34 305	eP	Sn	03 18 36.4 +1.5	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
ARIG	Puente Sto Nin	2.20	324	eS	03 18 18.7 -0.4	SOMAC	Volcano de Col	5.34 305	eP	Sn	03 19 41.0 +3.9	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
ARIG	Puente Sto Nin	2.20	324	eS	03 18 18.7 -0.4	SOMAC	Volcano de Col	5.34 305	eP	Sn	03 18 35.3 0.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
ARIG	Puente Sto Nin	2.20	324	eS	03 18 18.7 -0.4	SOMAC	Volcano de Col	5.34 305	eP	Sn	03 19 44.5 +7.4	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
OXIG	Oaxaca	2.25	75	eP	03 17 53.0 +0.3	CDAR	Ciudad de Arme	5.36 298	eP	Sn	03 18 36.5 +2.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
OXIG	Oaxaca	2.25	75	eP	03 18 20.1 -0.5	CDAR	Ciudad de Arme	5.36 298	eP	Sn	03 19 44.5 +7.4	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
VHO	Vieta Hermosa	2.25	75	eP	03 17 53.0 +0.3	CEGR	Campo Tres	5.45 303	eS	Sn	03 18 36.5 +2.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
VHO	Vieta Hermosa	2.25	75	eP	03 18 21.0 -0.2	CEGR	Campo Tres	5.45 303	eS	Sn	03 19 43.0 +3.5	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
OXBJ	Oaxaca	2.26	75	eP	03 18 21.0 -0.2	RPIG	Rio Verde	5.45 350	eS	Sn	03 18 39.4 +2.8	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
OXBJ	Oaxaca	2.26	75	eP	03 18 01.1 +2.5	RPIG	Rio Verde	5.45 350	eS	Sn	03 19 45.1 +5.7	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
OXBJ	Oaxaca	2.26	75	eP	03 18 21.0 -0.2	RPIG	Rio Verde	5.45 350	eS	Sn	03 18 39.4 +2.8	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
OXBJ	Oaxaca	2.26	75	eP	03 18 01.1 +2.5	RPIG	Rio Verde	5.45 350	eS	Sn	03 19 45.1 +5.7	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
YABJ	Yautepec	2.37	359	eS	03 17 53.7 -0.4	PCIG	Rio Verde	5.61 97	eP	Sn	03 19 39.4 -3.8	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
YABJ	Yautepec	2.37	359	eS	03 18 19.9 -3.5	PCIG	Rio Verde	5.61 97	eP	Sn	03 18 38.7 0.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
YABJ	Yautepec	2.37	359	eS	03 17 53.7 -0.4	PCIG	Rio Verde	5.61 97	eP	Sn	03 19 39.4 -3.8	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
YABJ	Yautepec	2.37	359	eS	03 18 19.9 -3.5	PCIG	Rio Verde	5.61 97	eP	Sn	03 18 38.7 0.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PET2	Petalpan	2.40	296	eP	03 17 56.7 +2.2	TCIG	Rio Verde	5.64 86	eS	Sn	03 19 39.4 -3.8	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PET2	Petalpan	2.40	296	eP	03 18 28.0 -0.2	TCIG	Rio Verde	5.64 86	eS	Sn	03 18 37.3 -1.9	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
TOIG	Toxpalan	2.45	49	eP	03 17 54.8 -0.5	TCIG	Rio Verde	5.64 86	eS	Sn	03 19 48.1 +4.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
TOIG	Toxpalan	2.45	49	eP	03 17 54.8 -0.5	TCIG	Rio Verde	5.64 86	eS	Sn	03 18 37.3 -1.9	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
TOIG	Toxpalan	2.45	49	eP	03 17 54.8 -0.5	TCIG	Rio Verde	5.64 86	eS	Sn	03 19 48.1 +4.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
TOIG	Toxpalan	2.45	49	eP	03 17 54.8 -0.5	TCIG	Rio Verde	5.64 86	eS	Sn	03 18 37.3 -1.9	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
TPIG	Tehuac#an	2.48	39	eS	03 18 26.9 -2.7	AAIG	Aguscalientes	6.32 330	eP	Pn	03 18 54.6 +6.1	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
TPIG	Tehuac#an	2.48	39	eS	03 17 55.2 -0.6	AAIG	Aguscalientes	6.32 330	eP	Pn	03 20 10.9 +1.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
TPIG	Tehuac#an	2.48	39	eS	03 18 28.8 -1.9	AAIG	Aguscalientes	6.32 330	eP	Pn	03 18 54.6 +6.1	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
TPIG	Tehuac#an	2.48	39	eS	03 17 55.2 -0.6	AAIG	Aguscalientes	6.32 330	eP	Pn	03 20 10.9 +1.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
MAVM	Malinalco, Edo	2.50	349	eP	03 18 20.2 -6.6	AAIG	Aguscalientes	6.32 330	eP	Pn	03 18 54.6 +6.1	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
MAVM	Malinalco, Edo	2.50	349j	eP	03 17 43.6 -1.3	AAIG	Aguscalientes	6.32 330	eP	Pn	03 20 10.9 +1.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
MAVM	Malinalco, Edo	2.50	349j	eP	03 18 20.2 -6.6	AAIG	Aguscalientes	6.32 330	eP	Pn	03 18 54.6 +6.1	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
MAVM	Malinalco, Edo	2.50	349j	eP	03 17 43.6 -1.3	AAIG	Aguscalientes	6.32 330	eP	Pn	03 20 10.9 +1.0	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PBCV	Popocatepetl	2.52	10	eP	03 17 58.5 +2.0	CGIG	Gomez Farias	6.55 359	eP	Sn	03 18 52.5 +0.9	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PBCV	Popocatepetl	2.52	10	eP	03 17 58.5 +2.0	CGIG	Gomez Farias	6.55 359	eP	Sn	03 18 52.5 +0.9	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PBCV	Popocatepetl	2.52	10	eP	03 17 58.5 +2.0	CGIG	Gomez Farias	6.55 359	eP	Sn	03 18 52.5 +0.9	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PBCV	Popocatepetl	2.52	10	eP	03 17 58.5 +2.0	CGIG	Gomez Farias	6.55 359	eP	Sn	03 18 52.5 +0.9	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PBXN	Popocatepetl	2.53	7	eP	03 17 57.4 +0.6	CCIG	Comitan	6.59 91	eP	Sn	03 18 52.8 +0.4	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PBXN	Popocatepetl	2.53	7	eP	03 17 59.0 -2.1	PATR	El Narrajo	6.66 101	eP	Pn	03 18 54.1 +0.9	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PBXN	Popocatepetl	2.53	7	eP	03 17 57.4 +0.6	PATR	El Narrajo	6.66 101	eP	Pn	03 20 07.2 -2.1	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PBXN	Popocatepetl	2.53	7	eP	03 17 59.0 -2.1	PATR	El Narrajo	6.66 101	eP	Pn	03 18 54.1 +0.9	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PBPN	Popocatepetl	2.57	8	eP	03 18 29.5 +0.7	PAVE	Pavencul	6.69 100	eP	Sn	03 18 53.7 -0.1	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PBPN	Popocatepetl	2.57	8	eP	03 17 57.4 +0.6	PAVE	Pavencul	6.69 100	eP	Sn	03 20 06.4 -3.4	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PBPN	Popocatepetl	2.57	8	eP	03 18 29.5 +0.7	PAVE	Pavencul	6.69 100	eP	Sn	03 18 53.7 -0.1	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PBPN	Popocatepetl	2.57	8	eP	03 17 57.4 +0.6	PAVE	Pavencul	6.69 100	eP	Sn	03 20 06.4 -3.4	ANMO	Albuquerque	19.56 341	P	P	03 21 44.2 +0.8
PPM	Popocatepetl	2.59	8	eS													

25d 3h

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, ISC. Includes stations like NEW Newport, ETMB Extrema, SCHG Schefferville, YKA Yellowknife Ar, DLBC Dease Lake, etc.

JMA 25 03:29:27.2:0.0,33.9N:011:135.0E:0.1, h13km, MV1.6/32, S PART OF KII CHANNEL, SHIKOKU

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, ISC. Includes stations like JMW Minabe, JAI Aioi, JATC Tanabenahech, etc.

JMA 25 03:30:29.2:0.0,36.81N:0109:140.6E:0.2, h6km, MV1.7/20, NORTHERN IBARAKI PREF, Near east coast

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, ISC. Includes stations like JHO Hitachi, JFO Fukushimafurud, JSB Shioaba, etc.

NIED 25 03:31:00.8:0.3,38.72N:142.26E, h39km, MW4.5, Moment Tensor Solution, s3 Moment tensor: Scale 1015Nm; Mw=4.36; Ms=0.13; Mw=4.23; Ms=2.19; Mw=1.03; Mw=0.39; Fault plane solution: Ms=6.00000x10^15 NP1:0.23.00000, 0.69.00000, 1.97.00000. NP2:0.184.00000, 0.22.00000, 1.72.00000.

JMA 25 03:31:00.8:0.1,38.7N:013:142.3E:0.7, h39km, 1km, MD4.6/40, MW4.5/40, E OFF MIYAGI PREF

JMA Felt II J1 at E OFF MIYAGI PREF NEIC 25 03:31:01.4:1.8,38.73N:0106:142.24E:0.9, h35km, 2km, mb4.8/103, Mw4.4/18, Error ellipse: s-maj=13.3km s-min=9.2km az=127.0, Moment Tensor Solution: Moment tensor: Scale 1015Nm; Mw=4.49; Ms=0.83; Ms=3.66; Ms=2.36; Mw=0.73; Mw=0.31; Fault plane solution: Ms=5.68000x10^15 NP1:0.184.98000, 0.25.58000, 1.68.23000. NP2:0.28.85000, 0.66.36000, 1.00.06000. Principal axes: T 6.0854, Plg67.0000, Azm317.0000; N -0.9167, Plg9.0000, Azm205.0000; P -5.1687, Plg21.0000, Azm111.0000.

BUI 25 03:31:01.6:0.0,38.45N:142.25E, h59km, mb4.8/50, mb4.9/15, Ms4.2/13, Ms7.4/0/13

ICD 25 03:31:02.2:1.5,38.68N:142.23E, h51km, 13km, mb4.3/28, mtmtp=6.639, ML4.2/6, MS3.7/38, Error ellipse: s-maj=13.4km s-min=9.5km az=109.0

MOS 25 03:31:02.3:0.9,38.89N:142.05E, h54km, mb5.0/61, Error ellipse: s-maj=6.7km s-min=4.1km az=118.1

NEIC 25 03:31:03.2,38.74N:142.19E, h52km, ISC 25 03:31:01.9:0.5,38.73N:0104:142.24E:0.04, h51km, 3km, h51km; p-P, n626, c1930/585, mb4.7/165, MS3.9/41, 44C-36D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, ISC. Includes stations like OFUJ Ofunato, JKMT Kesenumamotoy, JIKH Ikinomakikobu, etc.

2018 SEP

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, ISC. Includes stations like JKZ Kuzumaki, JMST Minamisumotoz, JYK Kaneyama, etc.

1590

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res, ISC. Includes stations like CN2 Changchun, SKR Severo-Kuril's, DL2 Dalian, etc.

BILL	comp=Z,330nm,17.9s	32.22	17	eP	P	03 37 24.2	-0.6
BILL	comp=Z,7.0nm,1.0s			pmx	pmx	03 37 38.9	
BILL	comp=Z,7.0nm,1.0s			MLR	MLR		
CD2	comp=Z,7.9nm,21.0s	32.36	268	eP	P	03 37 26.0	-0.5
GTA	comp=Z,8.0nm,0.9s	32.73	285	eP	P	03 37 31.1	+1.3
GTA	comp=Z,8.0nm,0.9s			pmx	pmx		
GTA	comp=Z,120nm,13.1s			LR	LR		
GTA	comp=Z,250nm,14.5s			LR	LR		
GTA	comp=Z,300nm,15.3s			LR	LR		
TIXI	comp=Z,114nm,19.6s	33.70	352	LR	LR	03 52 36.5	
KMI	comp=Z,114nm,19.6s	35.89	260	UP	P	03 37 59.3	+1.9
KMI	comp=Z,114nm,19.6s			pmx	pmx		
P08K	comp=Z,16nm,1.3s	36.16	44	P	P	03 37 58.6	-0.4
NIKH	comp=Z,16nm,1.3s	36.18	51	P	P	03 37 59.0	-0.2
GOMU	comp=Z,43nm,0.9s	37.41	281	P	P	03 38 10.3	0.0
GOMU	comp=Z,43nm,0.9s			pmx	pmx		
GOMU	comp=Z,210nm,5.6s			pmx	pmx		
M11K	comp=Z,210nm,5.6s	38.53	39	P	P	03 38 18.4	-0.6
TNA	comp=Z,210nm,5.6s	39.06	30	P	P	03 38 22.8	-0.6
F14K	comp=Z,210nm,5.6s	39.67	31	P	P	03 38 28.2	-0.3
DGZ	comp=Z,210nm,5.6s	39.96	304c	iP	P	03 38 32.9	+1.6
DGZ	comp=Z,210nm,5.6s			pmx	pmx		
CRAI	comp=Z,239nm,0.7s	40.44	255	P	P	03 38 36.0	+0.5
G15K	comp=Z,239nm,0.7s	40.47	32	P	P	03 38 35.0	-0.2
WMQ	comp=Z,239nm,0.7s	40.69	295	eP	P	03 38 38.3	+1.0
WMQ	comp=Z,239nm,0.7s			pmx	pmx		
WMQ	comp=Z,239nm,0.7s			LR	LR		
O14K	comp=Z,91nm,24.1s	40.85	41	P	P	03 38 37.6	-0.7
C16K	comp=Z,91nm,24.1s	40.90	27	P	P	03 38 38.3	-0.3
K15K	comp=Z,91nm,24.1s	41.06	36	P	P	03 38 38.7	-1.3
M15K	comp=Z,91nm,24.1s	41.27	39	P	P	03 38 41.0	-0.7
ZAAO	comp=Z,91nm,24.1s	41.28	311	P	I	03 38 41.7	-0.2
ZAAO	comp=Z,91nm,24.1s			I	I	03 38 43.2	
ZALV	comp=Z,16nm,0.6s	41.28	311	P	P	03 38 41.9	-0.1
ZALV	comp=Z,16nm,0.6s	41.28	311	P	P	03 38 42.3	+0.4
ZALV	comp=Z,20nm,0.7s			baz=87,slow=6.0,SNR=56	P	03 40 39.9	+0.2
ZALV	comp=Z,20nm,0.7s			P	P	03 40 39.9	+0.2
ZALV	comp=Z,2.0nm,0.4s			baz=93,slow=3.2,SNR=4.1	LR	03 56 26.1	
ZALV	comp=Z,2.0nm,0.4s			LR	LR	03 56 26.1	
N15K	comp=Z,132nm,19.5s	41.52	40	P	P	03 38 43.5	-0.3
D17K	comp=Z,132nm,19.5s	41.54	28	P	P	03 38 43.8	-0.1
PHRA	comp=Z,132nm,19.5s	41.58	253	P	P	03 38 44.9	0.0
O15K	comp=Z,132nm,19.5s	41.59	41	P	P	03 38 44.0	-0.4
C17K	comp=Z,132nm,19.5s	41.72	27	P	P	03 38 45.6	+0.2
E17K	comp=Z,132nm,19.5s	41.85	29	P	P	03 38 46.2	-0.2
F17K	comp=Z,132nm,19.5s	41.93	30	P	P	03 38 46.8	-0.2
ZSN	comp=Z,9.0nm,0.6s	41.95	301	eP	P	03 38 47.5	-0.1
ZSN	comp=Z,9.0nm,0.6s	41.95	301	eP	P	03 38 47.4	-0.1
ZSN	comp=Z,9.0nm,0.6s			pmx	pmx		
L16K	comp=Z,9.0nm,0.6s	41.95	37	P	P	03 38 46.8	-0.5
G17K	comp=Z,9.0nm,0.6s	41.98	32	P	P	03 38 47.1	-0.4
NR1K	comp=Z,9.0nm,0.6s	42.02	334	P	P	03 38 47.7	-0.1
NR1K	comp=Z,9.0nm,0.6s	42.02	334	P	P	03 38 51.5	
NR1K	comp=Z,6.6nm,0.6s	42.02	334	P	P	03 38 48.2	+0.4
NR1K	comp=Z,5.4nm,0.5s			baz=331,slow=24,SNR=5.0	LR	03 57 11.8	
NR1K	comp=Z,5.4nm,0.5s			LR	LR	03 57 11.8	
NR1K	comp=Z,187nm,20.1s			baz=230,slow=37	P	03 38 47.9	+0.1
NR1K	comp=Z,187nm,20.1s			baz=230,slow=37	P	03 38 47.9	+0.1
M16K	comp=Z,13nm,1.5s	42.14	38	P	P	03 38 48.3	-0.6
H17K	comp=Z,13nm,1.5s	42.18	32	P	P	03 38 48.6	-0.6
N16K	comp=Z,13nm,1.5s	42.20	39	P	P	03 38 48.9	-0.5
CHGN	comp=Z,13nm,1.5s	42.30	45	P	P	03 38 49.2	-1.0
J17K	comp=Z,13nm,1.5s	42.32	35	P	P	03 38 49.4	-1.0
CHTO	comp=Z,13nm,1.5s	42.36	255	P	P	03 38 51.6	+0.4
CHTO	comp=Z,13nm,1.5s	42.36	255	P	P	03 39 03.2	
CHTO	comp=Z,9.8nm,0.7s	42.36	255	P	P	03 38 51.6	+0.4
CHTO	comp=Z,10.0nm,0.7s			pmx	pmx		
E18K	comp=Z,10.0nm,0.7s	42.39	29	P	P	03 38 51.8	+1.0
E18K	comp=Z,10.0nm,0.7s	42.39	29	P	P	03 38 50.2	-0.7
C18K	comp=Z,10.0nm,0.7s	42.47	27	P	P	03 38 53.2	+1.7
C18K	comp=Z,10.0nm,0.7s	42.47	27	P	P	03 38 54.4	
C18K	comp=Z,16nm,0.9s	42.47	27	P	P	03 38 50.5	-1.1
P16K	comp=Z,16nm,0.9s	42.53	41	P	P	03 38 51.3	-0.8
CMAR	comp=Z,1.1nm,0.4s	42.58	254	P	P	03 38 53.5	+0.5
F18K	comp=Z,1.1nm,0.4s	42.59	30	P	P	03 38 51.1	-1.4
K17K	comp=Z,1.1nm,0.4s	42.60	36	P	P	03 38 50.9	-1.7
G18K	comp=Z,1.1nm,0.4s	42.66	31	P	P	03 38 53.7	-1.0
H18K	comp=Z,1.1nm,0.4s	42.87	32	P	P	03 38 54.0	-0.8
M17K	comp=Z,1.1nm,0.4s	42.90	38	P	P	03 38 53.8	-1.3
O17K	comp=Z,1.1nm,0.4s	43.00	40	P	P	03 38 55.6	-0.3
C18K	comp=Z,1.1nm,0.4s	43.15	26	P	P	03 38 56.2	-0.9
L19K	comp=Z,1.1nm,0.4s	43.30	37	P	P	03 38 57.3	-1.0
F19K	comp=Z,1.1nm,0.4s	43.36	30	P	P	03 38 57.6	-1.0
J18K	comp=Z,1.1nm,0.4s	43.38	35	P	P	03 38 57.1	-1.8
G19K	comp=Z,1.1nm,0.4s	43.53	31	P	P	03 38 59.0	-1.1
D19K	comp=Z,1.1nm,0.4s	43.54	28	P	P	03 39 01.6	+1.5
D19K	comp=Z,1.1nm,0.4s	43.54	28	P	P	03 38 60.0	-0.2
E19K	comp=Z,9.6nm,0.8s	43.67	29	P	P	03 39 02.7	+1.5
E19K	comp=Z,9.6nm,0.8s	43.67	29	P	P	03 39 18.7	
E19K	comp=Z,9.6nm,0.8s	43.67	29	P	P	03 39 00.5	-0.7
H19K	comp=Z,9.6nm,0.8s	43.71	32	P	P	03 39 02.0	+0.5
H19K	comp=Z,9.6nm,0.8s	43.71	32	P	P	03 39 18.6	
H19K	comp=Z,1.4nm,0.9s	43.71	32	P	P	03 39 00.3	-1.2
MK31	comp=Z,1.4nm,0.9s	43.80	301	P	P	03 39 03.3	+0.7

MK31	comp=Z,10nm,0.8s	43.80	301	c/P	P	03 39 03.0	+0.5
MKAR	comp=Z,10nm,0.8s	43.80	301	P	P	03 39 02.9	+0.3
MKAR	comp=Z,10nm,0.8s	43.80	301	P	P	03 39 02.8	+0.2
MKAR	comp=Z,1.5nm,0.8s	43.80	301	P	P	03 40 48.7	+0.4
MKAR	comp=Z,1.5nm,0.8s	43.80	301	P	P	03 40 48.7	+0.4
MKAR	comp=Z,2.91nm,18.5s	43.80	301	cP	P	03 39 03.2	+0.7
MKAR	comp=Z,2.91nm,18.5s	43.80	301	cP	P	03 39 03.2	+0.7
J19K	comp=Z,11nm,0.7s	43.91	34	P	P	03 39 03.1	-0.1
MAKZ	comp=Z,11nm,0.7s	44.01	301	P	P	03 39 04.8	+0.6
MAKZ	comp=Z,11nm,0.7s	44.01	301	P	P	03 39 08.9	
MAKZ	comp=Z,10.0nm,0.8s	44.01	301	P	P	03 39 04.8	+0.6
MAKZ	comp=Z,10.0nm,0.8s	44.01	301	P	P	03 39 04.8	+0.6
Q18K	comp=Z,10.0nm,0.8s	44.08	42	P	P	03 39 05.1	+0.4
SHL	comp=Z,9.0nm,0.8s	44.10	268	P	P	03 39 04.9	-0.5
SHL	comp=Z,9.0nm,0.8s	44.10	268	P	P	03 39 08.1	
SHL	comp=Z,9.0nm,0.8s	44.10	268	P	P	03 39 04.9	-0.5
D20K	comp=Z,9.0nm,0.8s	44.12	27	P	P	03 39 04.5	-0.3
L19K	comp=Z,9.0nm,0.8s	44.16	37	P	P	03 39 04.6	-0.6
B20K	comp=Z,9.0nm,0.8s	44.18	25	P	P	03 39 04.9	-0.3
F20K	comp=Z,9.0nm,0.8s	44.19	30	P	P	03 39 05.1	-0.3
E20K	comp=Z,9.0nm,0.8s	44.20	28	P	P	03 39 05.4	-0.1
N19K	comp=Z,9.0nm,0.8s	44.32	39	P	P	03 39 05.4	-1.2
H20K	comp=Z,9.0nm,0.8s	44.36	32	P	P	03 39 05.7	-1.0
M19K	comp=Z,9.0nm,0.8s	44.37	37	P	P	03 39 05.6	-1.3
R18K	comp=Z,9.0nm,0.8s	44.42	43	P	P	03 39 05.8	-1.5
SEM	comp=Z,7.2nm,0.6s	44.45	306	eP	P	03 39 07.3	-0.7
SEM	comp=Z,7.2nm,0.6s	44.45	306	eP	P	03 39 07.2	-0.7
SEM	comp=Z,7.2nm,0.6s	44.45	306	eP	P	03 39 07.2	-0.7
I20K	comp=Z,7.0nm,0.6s	44.47	33	P	P	03 39 05.9	-1.6
J20K	comp=Z,7.0nm,0.6s	44.57	34	P	P	03 39 08.4	0.0
L20K	comp=Z,7.0nm,0.6s	44.62	36	P	P	03 39 08.0	-1.0
C21K	comp=Z,7.0nm,0.6s	44.85	27	P	P	03 39 09.8	-0.8
M20K	comp=Z,7.0nm,0.6s	44.97	37	P	P	03 39 11.8	+0.1
B21K	comp=Z,7.0nm,0.6s	44.98	26	P	P	03 39 11.8	+0.2
G21K	comp=Z,7.0nm,0.6s	45.01	31	P	P	03 39 11.8	-0.1
E21K	comp=Z,7.2nm,0.8s	45.04	28	P	P	03 39 12.3	+0.1
E21K	comp=Z,7.2nm,0.8s	45.04	28	P	P	03 39 14.8	
E21K	comp=Z,7.2nm,0.8s	45.04	28	P	P	03 39 11.8	-0.3
F21K	comp=Z,7.2nm,0.8s	45.08	30	P	P	03 39 13.3	+0.8
F21K	comp=Z,7.2nm,0.8s	45.08	30	P	P	03 39 12.3	-0.2
H21K	comp=Z,7.2nm,0.8s	45.23	32	P	P	03 39 14.7	+1.0
H21K	comp=Z,7.2nm,0.8s	45.23	32	P	P	03 39 13.2	-0.5
KDAK	comp=Z,7.5nm,19.8s	45.41	43	LR	LR	03 58 31.7	
KDAK	comp=Z,7.5nm,19.8s	45.41	43	LR	LR		

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Table with columns for call sign, frequency, power, and other technical details. Includes entries like I30M, DZA, M30M, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like OBN, LPSR, FINES, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like OJC, TURR, BR131, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ASAHIKAWA, MARUMORI, MATSU-TUNNEL, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BEAVER CREEK, ALA-ARCHA, MINER CREEK, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like COEN, STEPHENS CREEK, WARRAMUNGA ARR, etc.

ISC 25 04:08:11.3, 13.0, 14.81S; 165.65E, h0km, mb4.3/3, mbmp4.2/4, ML3.4/7, Error ellipse: s-maj=234.7km

IDC 25 04:12:00.2, 0.5, 9.89N; 126.25E, h0km, mb4.4/26, mbmp4.4/26, Error ellipse: s-maj=26.7km s-min=13.2km

NEIC 25 04:12:04.5, 1.4, 9.87N; 0.09, 126.2E, 0.2, h27km, 6km, mb4.5/27, Error ellipse: s-maj=24.5km s-min=10.9km

ISC 25 04:12:07.5, 0.4, 9.82N; 0.06, 126.1E, 0.1, h54km, n76, c1920/74, mb4.5/41, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, H m s, ISC. Includes stations like DAV, TPUB, SBUM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ARMA Armidale, WMO Urumqi, PETK Petropavlovsk, etc.

IDC 25 04:12:50.21 0.9, 9.97N, 126.31E, h0km, mb4.4/9, mbmp4.4/9, MS3.5/4, Error ellipse: s-maj=82.6km s-min=20.2km az=70.0

NEIC 25 04:12:56.01 1.6, 9.92N, 0.09, 126.35E, 0.05, h35km, 2km, mb4.6/23, Error ellipse: s-maj=126.3km s-min=7.2km az=169.0

ISC 25 04:12:56.10 6.9, 9.94N, 0.07, 126.3E, 0.1, h42km, n41, 0584/36, mb4.6/21, MS3.2/5, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like DAV Davao City (W), SBU Sibiu, JAGI Jajag, Banyuwa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like C18K Utukok River, D19K Kuna River, etc.

NEIC 25 04:51:01.51 1.6, 17.92S, 0.08, 172.8W, 0.1, h10km, 1km, mb4.7/31, Error ellipse: s-maj=18.3km s-min=13.4km az=251.0

IDC 25 04:51:02.10 6.1, 17.84S, 173.19W, h0km, mb4.3/15, mbmp4.3/15, MS3.6/26, Error ellipse: s-maj=23.9km s-min=16.9km az=125.0

ISC 25 04:51:01.81 0.4, 17.91S, 0.08, 172.74W, 0.08, h10km, n84, 01878/64, mb4.6/30, MS3.7/26, 4C, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like NIUE Niue, AFU Afiamalu, MSFV Nonsavu, etc.

IDC 25 04:55:28.40 7.1, 10.37N, 126.33E, h0km, mb3.9/12, mbmp3.9/12, Error ellipse: s-maj=44.6km s-min=16.1km az=65.0

ISC 25 04:55:34.80 7.1, 10.3N, 0.2, 126.3E, 0.3, h44km, n15, 0567/19, mb3.9/12, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like GUM Guam, MTN Manton Dam, MJAR Matsushiro Arr, etc.

IDC 25 05:15:22.25 1.8, 18.24S, 178.60E, h52km, 42km, mb2.8/3, mbmp3.7/3, Error ellipse: s-maj=176.7km s-min=82.2km az=116.0, Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like F10A Beach Ranch, Y17N Van Horn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like H23K Yukon River, E18K Tukpahleirik C, MAW Mawson, etc.

IDC 25 05:19:23.01 4.4, 24.29N, 0.06, 148.45E, 0.08, h47km, 12km, n50, 0184/52, mb3.6/10, 1C-2D, Kuril Islands

MOS 25 05:19:20.62 8.44, 31N, 148.65E, h50km, mb3.9/2, Error ellipse: s-maj=14.1km s-min=11.7km az=60.3

MOS 25 05:19:23.01 4.4, 24.29N, 0.06, 148.45E, 0.08, h47km, 12km, n50, 0184/52, mb3.6/10, 1C-2D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like G31M Satah River, BOO2 Sierra Bellavi, TROLL Troll, etc.

IDC 25 05:19:23.01 4.4, 24.29N, 0.06, 148.45E, 0.08, h47km, 12km, n50, 0184/52, mb3.6/10, 1C-2D, Kuril Islands

MOS 25 05:19:23.01 4.4, 24.29N, 0.06, 148.45E, 0.08, h47km, 12km, n50, 0184/52, mb3.6/10, 1C-2D, Kuril Islands

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

IDC 25 05:19:23.01 4.4, 24.29N, 0.06, 148.45E, 0.08, h47km, 12km, n50, 0184/52, mb3.6/10, 1C-2D, Kuril Islands

MOS 25 05:19:23.01 4.4, 24.29N, 0.06, 148.45E, 0.08, h47km, 12km, n50, 0184/52, mb3.6/10, 1C-2D, Kuril Islands

MOS 25 05:19:23.01 4.4, 24.29N, 0.06, 148.45E, 0.08, h47km, 12km, n50, 0184/52, mb3.6/10, 1C-2D, Kuril Islands

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

25d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR, SHO, YUK, NEM, JRA, JNSB, etc.

Code Station Name Az' Az'' Phase ID Time Res ISC
LPAZ La Paz 1.01 99 P Pn 05 21 39.0 0.0
LPAZ 267nm,0.4s,baz=277,slow=6.1,SNR=2760 S Sn

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

Code Station Name Az' Az'' Phase ID Time Res ISC
ULC Ulcinj 4.87 344 P Pn 05 09 38.5 0.0
ULC 137nm,0.4s,baz=331,slow=1.0,SNR=11.0 A A

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

Code Station Name Az' Az'' Phase ID Time Res ISC
KUU Kurly 0.86 50 eP Pb 06 50 00.8 -0.9
KUU 9.5nm,0.2s,baz=31,slow=1.0,SNR=11.0 A A

Table with columns: KUU, Kurly, 0.86 50 eP, Pb, 06 50 00.8 -0.9, 06 50 11.8 -0.2, 06 50 01.6 -0.4, 06 50 14.0 -0.1, 06 50 03.4 -0.3, 06 50 17.0 0.0, 06 50 03.6 -0.2, 06 50 16.6 -0.4, 06 50 03.3 -0.4, 06 50 16.9 -0.1, 06 50 03.0 -0.8, 06 50 15.6 -0.3, 06 50 03.0 -0.8, 06 50 03.0 -0.8, 06 50 15.6 -0.3, 06 50 05.0 -0.7, 06 50 19.1 -0.3, 06 50 05.0 -0.7, 06 50 19.1 -0.3, 06 50 05.0 -0.7, 06 50 19.2 -0.3, 06 50 07.3 +0.5, 06 50 20.4 -0.9, 06 50 05.8 -0.5, 06 50 20.6 -0.7, 06 50 05.8 -0.5, 06 50 20.6 -0.7, 06 50 05.8 -0.5, 06 50 20.6 -0.7, 06 50 06.5 -0.7, 06 50 22.0 -0.8, 06 50 06.2 -1.0, 06 50 06.5 -0.7, 06 50 22.0, 06 50 22.1 -0.6, 06 50 06.5 -0.7, 06 50 22.0 -0.8, 06 50 24.2 -1.2, 06 50 08.0 -0.3, 06 50 24.2 -1.2, 06 50 08.0 -0.3, 06 50 24.2 -1.2, 06 50 08.0 -0.3, 06 50 24.3 -1.2, 06 50 07.4 -0.8, 06 50 23.5 -0.8, 06 50 07.3 -0.8, 06 50 23.5 -0.8, 06 50 09.1 -0.2, 06 50 08.9 -0.2, 06 50 26.5 0.0, 06 50 11.2 +0.5, 06 50 29.9 +0.8, 06 50 10.6 -0.1, 06 50 29.6 +0.5, 06 50 15.7 -0.1, 06 50 37.8 -0.6, 06 50 16.7 -0.4, 06 50 39.7 +0.4, 06 50 16.7 -0.4, 06 50 39.7 +0.4, 06 50 16.7 -0.4, 06 50 39.7 +0.4, 06 50 16.7 -0.4, 06 50 39.7 +0.4, 06 50 17.6 -0.2, 06 50 41.0 +0.4, 06 50 17.3 -0.5, 06 50 41.0 +0.4, 06 50 16.6 -0.7, 06 50 39.9 0.0, 06 50 20.1 0.0, 06 50 45.5 -1.2, 06 50 20.1 0.0, 06 50 45.5 -1.2, 06 50 19.8 -0.6, 06 50 45.4 +0.2, 06 50 21.7 -0.1, 06 50 47.9 +0.6, 06 50 21.7 -0.1, 06 50 47.9, 06 50 20.9 -0.3, 06 50 46.2 -0.2, 06 50 20.9 -0.3, 06 50 46.2

Table with columns: KURS Kuram, 2.01 85 eP, Pb, 06 50 20.9 -0.3, 06 50 46.3 -0.2, 2.20 96 eP, Pb, 06 50 24.7 +0.2, 2.20 96 Pg, Pb, 06 50 52.8 +0.7, 2.21 93 eP, Pb, 06 50 24.4 -0.3, 2.21 93 Pg, Pb, 06 50 24.4 -0.3, 2.31 249 eP, Pb, 06 50 25.2 -1.2, 2.38 86 eP, Pb, 06 50 27.6 +0.1, 2.38 86 Pg, Pb, 06 50 27.6 +0.1, 2.39 132 eP, Pb, 06 50 25.6 -2.3, 2.64 93 eP, Pb, 06 50 32.1 +0.1, 2.64 93 Pg, Pb, 06 50 32.1 +0.1, 2.71 51 eP, Pb, 06 50 33.6 +0.5, 2.71 51 Pg, Pb, 06 50 33.6 +0.5, 2.96 92 eP, Pb, 06 50 43.0 +2.2, 2.96 92 Pg, Pb, 06 50 43.0 +2.2, 2.99 240 eP, Pb, 06 50 34.6 +2.3, 3.31 71 eP, Pb, 06 50 43.6 +0.2, 3.31 71 Pg, Pb, 06 50 43.6 +0.2, 3.60 268 eP, Pb, 06 50 50.8 -2.3, 4.10 268 Pg, Pb, 06 51 01.8 -0.8, 5.79 51 eP, Pb, 06 51 14.4 +3.6, 5.96 52 eP, Pb, 06 51 14.1 +1.1, 7.59 15 eP, Pb, 06 53 47.9, 7.69 15 eP, Pb, 06 53 49.0

Table with columns: AC06 Mina Casimiro, 4.55 219 eP, Pn, 06 56 22.2 -0.9, 4.56 153 eP, Pn, 06 56 23.5 +0.3, 4.67 216 eP, Pn, 06 56 24.1 -0.4, 4.67 216 eP, Pn, 06 57 17.9 -2.1, 4.76 165 eP, Pn, 06 56 23.0 -1.6, 4.76 165 eP, Pn, 06 56 23.0 -1.6, 4.99 191 eP, Pn, 06 57 06.0 -1.6, 4.99 191 eP, Pn, 06 56 30.7 +2.1, 7.55 353 P, Pn, 06 57 03.5 +1.4, 7.55 353 P, Pn, 06 58 26.1 -2.0, 9.26 108 P, Pn, 06 57 22.4 -1.2, 19.76 69 P, Pn, 06 59 26.6 -1.8, 76.64 69 P, Pn, 07 06 43.9 +1.9, 146.48 39 PKPbc, PKPKP, 07 14 33.9 +1.0

CATAC 25 06:58:06.4 0.0, 4.12:92N-89:36W, h31km, 4km, ML3.7
SNET 25 06:58:07.7 0.9, 13:02N-89:35W, h55km, 10km, ML3.3
CGG 25 06:58:07.7 0.9, 12:89N-89:79W, h32km, 213km, MD3.8
ISC 25 06:58:06.7 1.6, 12:89N-05:89:36W, 0.04, h33km, 9km, n69, 05:60/102.7C-12D, Off coast of central America

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Alcalda de L, Universidad Ev, Cerro Verde, San Blas, San Jose, etc.

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Table with columns for station name, coordinates, elevation, and various data points. Includes stations like GNL Ganaly, SPN Mys Shipunski, TUMR Tumrok, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like SEY Seymchan, KLR Kul'dur, JSD Sado, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like INCN Inchon, TJN Taejon, JNU Nakatsue, etc.

F19K	comp=Z,55nm,1.8s	I	Amb	I	Amb	09 00 13.1
F19K	Shalruccik Mo baz=256	30.41	35	P	P	08 59 48.7 +1.3
C19K	Lookout Ridge baz=250	30.43	30	P	P	08 59 48.9 +1.3
M18K	Stony River baz=267	30.43	46	P	P	08 59 49.1 +1.4
G19K	Purcell Mounta baz=258	30.51	36	P	P	08 59 49.6 +1.2
H19K	Roundabout Mou baz=258	30.65	38	P	P	08 59 51.0 +1.5
H19K	comp=Z,65nm,1.4s	I	Amb	I	Amb	09 00 02.6
H19K	Roundabout Mou baz=259,SNR=6.9	30.65	38	P	P	08 59 50.6 +1.0
O18K	Koktuh Hills baz=270	30.69	49	P	P	08 59 51.0 +1.0
D19K	Kuna River baz=258	30.73	32	P	P	08 59 50.5 +0.1
D19K	comp=Z,24nm,1.0s	I	Amb	I	Amb	09 00 08.9
D19K	Kuna River baz=253	30.73	32	P	P	08 59 51.0 +0.6
J19K	Poorman baz=263	30.75	41	P	P	08 59 51.1 +0.6
J19K	comp=Z,65nm,2.0s	I	Amb	I	Amb	09 00 02.5
J19K	Poorman baz=263	30.75	41	P	P	08 59 51.7 +1.1
E19K	Redstone River baz=255	30.77	34	P	P	08 59 51.5 +0.9
E19K	Redstone River baz=255	30.77	34	P	P	08 59 51.6 +0.9
Q18K	Katmai Hardscr baz=272	30.81	51	P	P	08 59 52.3 +1.0
H11S1	WAKE ISLAND Hy 31.03 158 baz=344,slow=76,SNR=1175	T	T	T	T	09 32 44.1
H11S3	WAKE ISLAND Hy 31.04 158 baz=344,slow=76,SNR=1277	T	T	T	T	09 32 46.3
H11S2	WAKE ISLAND Hy 31.05 158 baz=344,slow=76,SNR=1052	T	T	T	T	09 32 47.8
N19K	Bonanza Creek baz=269	31.05	47	P	P	08 59 54.5 +1.1
M19K	Big River Lodg baz=267	31.13	45	P	P	08 59 54.9 +1.0
R18K	Karluk baz=275	31.17	53	P	P	08 59 55.8 +1.6
HNS	HongShan	31.23	265	I	S	08 59 54.0 -1.0
HNS	comp=Z,39nm,1.1s	I	Amb	I	Amb	09 05 02.5 +3.5
HNS	comp=Z,2um,18.2s	L	R	L	R	
HNS	comp=Z,1um,20.4s	L	R	L	R	
HNS	comp=Z,2um,21.4s	L	R	L	R	
F20K	Avaraart Lake	31.24	35	P	P	08 59 56.5 +1.7
F20K	Avaraart Lake baz=258	31.24	35	P	P	08 59 56.1 +1.4
H20K	Anotleneega Mo baz=261	31.28	38	P	P	08 59 56.4 +1.2
D20K	Etvukh River baz=254	31.33	32	P	P	08 59 56.5 +0.9
I20K	Naaghedneel baz=263	31.35	39	P	P	08 59 57.1 +1.4
E20K	Nigu River baz=255	31.36	33	P	P	08 59 56.7 +0.8
K20K	Telida baz=265	31.38	42	P	P	08 59 57.0 +1.0
L20K	Farewell, AK baz=267	31.40	44	P	P	08 59 57.8 +1.5
J20K	Nowinta River baz=266	31.42	41	P	P	08 59 57.8 +1.4
J20K	comp=Z,63nm,1.9s	I	Amb	I	Amb	09 00 08.9
J20K	Nowinta River baz=266	31.42	41	P	P	08 59 57.3 +1.0
B20K	Meade River baz=251	31.53	29	P	P	08 59 58.3 +1.1
HHC	Hu-ho-hao-te	31.58	273	I	P	08 59 57.3 -0.9
HHC	comp=Z,44nm,0.8s	I	Amb	I	Amb	09 00 05.8 -1.5
HHC	comp=Z,230nm,5.0s	L	R	L	R	09 00 15.0 +4.7
HHC	comp=Z,2um,15.1s	L	R	L	R	09 05 05.8 +1.1
HHC	comp=Z,3um,13.1s	L	R	L	R	09 05 24.0 +4.0
HHC	comp=Z,2um,15.1s	L	R	L	R	
HHC	comp=Z,3um,13.1s	L	R	L	R	
HHC	comp=Z,4um,13.6s	L	R	L	R	
P19K	Oil Pt baz=272	31.69	49	P	P	09 00 00.3 +1.4
NJ2	Nanjing	31.73	253	e	P	09 00 01.0 +1.6
NJ2	comp=Z,17nm,1.2s	I	Amb	I	Amb	
NJ2	comp=Z,750nm,8.3s	L	R	L	R	
NJ2	comp=Z,2um,18.0s	L	R	L	R	
NJ2	comp=Z,2um,18.0s	L	R	L	R	
NJ2	comp=Z,3um,16.2s	L	R	L	R	
M20K	Styx River baz=269	31.73	45	P	P	09 00 00.1 +0.9
ULN	Ulanbatar	31.76	288	P	P	08 59 58.1 -1.6
ULN	Ulanbatar	31.76	288	e	P	08 59 58.4 -1.4
ULN	comp=Z,12nm,1.0s	I	Amb	I	Amb	
ULN	Ulanbatar comp=Z,65nm,1.4s	31.76	288	P	P	08 59 58.1 -1.4
IMAR	Indian Mountai Old Harbor	31.82	37	P	P	09 00 00.5 +0.6
OHAK	OHAK baz=276	31.83	54	P	P	08 59 59.5 -0.6
OHAK	comp=Z,26nm,1.1s	I	Amb	I	Amb	09 00 12.6
OHAK	Old Harbor baz=276	31.83	54	P	P	09 00 00.9 +0.8
O20K	Slope Mountain baz=272	31.98	48	P	P	09 00 02.5 +1.0
G21K	Allakaket	32.00	36	P	P	09 00 01.7 +0.2
G21K	comp=Z,20nm,1.1s	I	Amb	I	Amb	09 00 13.9
G21K	Allakaket baz=261	32.00	36	P	P	09 00 02.8 +1.3
C21K	Knifeflade Rid baz=255,SNR=6.3	32.08	31	P	P	09 00 03.8 +1.6
F21K	Alatina River baz=260	32.13	35	P	P	09 00 04.3 +1.6
KD4K	Kodiak Island baz=272,slow=42	32.15	53	P	P	09 00 02.7 -0.2
KD4K	Kodiak Island baz=276	32.15	53	P	P	09 00 04.1 +1.3
KD4K	Kodiak Island baz=276	32.15	53	P	P	09 00 02.7 -0.2
KD4K	comp=Z,115nm,1.9s	I	Amb	I	Amb	09 00 03.9 +1.0
H21K	Melozitna Rive baz=263	32.16	38	P	P	09 00 04.4 +1.5
H21K	comp=Z,24nm,1.1s	I	Amb	I	Amb	09 00 15.3
H21K	Melozitna Rive	32.16	38	P	P	09 00 04.4 +1.5
SPCR	Spurr Chakacha baz=271	32.16	46	P	P	09 00 03.6 +0.5
N20K	Mount Spurr baz=271	32.16	46	P	P	09 00 04.0 +1.0
SOMM	Songino Array	32.19	288	P	P	09 00 01.9 -1.6
SOMM	Songino Array	32.19	288	P	P	09 00 01.9 -1.6
SOMM	comp=Z,5.5nm,0.8s,baz=71,slow=8.8,SNR=28	P	P	P	P	09 02 50.5 -1.0
SOMM	comp=Z,1.7nm,0.8s,baz=56,slow=2.7,SNR=4.1	P	P	P	P	09 06 33.2 +0.8
SOMM	comp=Z,0.3nm,0.4s,baz=77,slow=3.2,SNR=4.4	L	R	L	R	09 14 13.1
SOMM	comp=Z,4um,18.3s,baz=74,slow=39	L	R	L	R	
SOMM	comp=Z,5.5nm,0.8s	L	R	L	R	
SOMM	Songino Array	32.19	288	P	P	09 00 01.9 -1.6
SOMM	comp=Z,7.0nm,1.0s	I	Amb	I	Amb	
CHUM	Lake Minchumin baz=266	32.20	41	P	P	09 00 04.0 +0.9
E21K	Killik River	32.20	33	P	P	09 00 03.8 +0.5
E21K	comp=Z,27nm,1.2s	I	Amb	I	Amb	09 00 15.2
E21K	Killik River	32.20	33	P	P	09 00 04.3 +1.1
PPLA	Purkeypile	32.20	43	P	P	09 00 04.8 +1.3

B21K	Ikpiqkuk River baz=268	32.26	30	P	P	09 00 04.8 +1.1
B21K	Ikpiqkuk River baz=255	32.26	30	P	P	09 00 05.3 +1.6
SKT	Skwentna	32.49	45	P	P	09 00 07.2 +1.4
SKT	comp=Z,33nm,1.6s	I	Amb	I	Amb	09 01 19.0
SKT	Skwentna baz=270	32.49	45	P	P	09 00 07.1 +1.3
TIV	Taiyuan	32.58	267	e	P	09 00 07.0 0.0
TIV	comp=Z,15nm,0.7s	I	Amb	I	Amb	09 05 38.0 +2.6
TIV	comp=Z,170nm,4.5s	L	R	L	R	
TIV	comp=Z,780nm,17.2s	L	R	L	R	
TIV	comp=Z,1um,17.2s	L	R	L	R	
F22K	John River baz=261	32.68	35	P	P	09 00 08.5 +1.1
CNPM	China Poot	32.71	49	P	P	09 00 08.9 +1.2
BTO	Baotou	32.73	274	e	P	09 00 07.5 -0.8
BTO	comp=Z,2um,17.2s	L	R	L	R	
BTO	comp=Z,9um,13.9s	L	R	L	R	
BTO	Aiyikyak River	32.75	32	P	P	09 00 09.6 +1.5
BTO	Aiyikyak River	32.75	32	P	P	09 00 07.7 -0.4
H22K	Ishlailitna Cre baz=264,SNR=6.5	32.77	38	P	P	09 00 08.2 0.0
BPWA	Bear Paw Mtn. baz=262	32.80	41	P	P	09 00 09.0 +0.5
B22K	Teshekpuk Lake	32.85	29	P	P	09 00 08.5 -0.3
B22K	comp=Z,29nm,0.8s	I	Amb	I	Amb	09 00 21.1
B22K	Teshekpuk Lake	32.85	29	P	P	09 00 09.5 +0.7
G22K	Bettles	32.85	36	P	P	09 00 09.6 +0.8
E22K	Anaktuvuk Pass baz=262,SNR=5.4	32.92	33	P	P	09 00 10.3 +0.8
E22K	comp=Z,30nm,0.9s	I	Amb	I	Amb	09 00 21.9
E22K	Anaktuvuk Pass baz=260	32.92	33	P	P	09 00 10.4 +0.8
BRSE	Bradley Lake S	32.95	49	P	P	09 00 10.2 +0.3
MLY	Manley	32.96	39	P	P	09 00 09.8 -0.1
CUT	Chulitna baz=266	33.08	44	P	P	09 00 10.5 -0.4
ZAK	Zakamensk	33.36	294	e	P	09 00 12.2 -1.4
ZAK	comp=Z,15nm,1.3s	I	Amb	I	Amb	09 02 54.7
RC01	Rabbit Creek A baz=273	33.37	46	P	P	09 00 13.9 +0.5
COLD	Coldfoot baz=263,SNR=8.8	33.40	35	P	P	09 00 13.9 +0.3
G23K	Bananza Creek	33.41	36	P	P	09 00 14.5 +0.7
G23K	comp=Z,20nm,1.1s	I	Amb	I	Amb	09 00 26.1
G23K	Bananza Creek baz=264,SNR=5.4	33.41	36	P	P	09 00 14.3 +0.5
O22K	Crooper Landin baz=271	33.41	48	P	P	09 00 14.6 +0.8
BWN	Brown	33.47	41	P	P	09 00 17.0 +2.7
D23K	Nanushuk River baz=269,SNR=5.6	33.48	32	P	P	09 00 15.5 +1.1
D23K	Nanushuk River baz=269,SNR=5.6	33.48	32	P	P	09 00 15.0 +0.6
H23K	Yukon River	33.52	38	P	P	09 00 15.3 +0.6
H23K	comp=Z,30nm,1.3s	I	Amb	I	Amb	09 00 27.7
H23K	Yukon River baz=266,SNR=7.5	33.52	38	P	P	09 00 15.4 +0.6
I23K	Minto, Yukon-K I23K	33.55	39	P	P	09 00 16.5 +1.5
I23K	comp=Z,63nm,1.8s	I	Amb	I	Amb	09 00 27.7
I23K	Minto, Yukon-K baz=269,SNR=5.6	33.55	39	P	P	09 00 15.5 +0.5
SEW	Seward	33.57	48	P	P	09 00 16.1 +0.9
PMR	Palmer	33.63	46	P	P	09 00 16.4 +0.7
NEA2	Nenana	33.65	40	P	P	09 00 16.7 +0.8
NEA2	comp=Z,20nm,0.7s	I	Amb	I	Amb	09 00 29.8
NEA2	Nenana baz=268	33.65	40	P	P	09 00 16.8 +0.8
C23K	Itkillik River	33.67	31	P	P	09 00 17.1 +1.2
C23K	comp=Z,33nm,1.1s	I	Amb	I	Amb	09 00 28.2
C23K	Itkillik River baz=270	33.67	31	P	P	09 00 16.8 +0.8
MCK	McKinley	33.69	42	P	P	09 00 16.6 +0.4
E23K	Chandalar	33.73	34	P	P	09 00 17.2 +0.5
E23K	Chandalar baz=262,SNR=12	33.73	34	P	P	09 00 17.1 +0.5
TOLK	Toolik Lake Re baz=272	33.83	33	P	P	09 00 18.7 +1.3
TOLK	comp=Z,23nm,1.1s	I	Amb	I	Amb	09 00 29.8
TOLK	Tool Lake Re baz=262,SNR=5.8	33.83	33	P	P	09 00 17.8 +0.4
WAT1	Susitna Watana baz=271	33.87	43	P	P	09 00 18.2 +0.3
KNK	Kn					

25d 8h

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Table with columns: Call Sign, Frequency, Power, Mode, Date/Time, and other parameters. Includes stations like O28M, H29M, E29M, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Date/Time, and other parameters. Includes stations like R33M, U33K, C36M, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Date/Time, and other parameters. Includes stations like SLVN, YKA, RES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, BOOM Boomskeye usch, KKAR Karatay Array, etc.

IDC 25 09:45:22.3:0.0, 54.41N:86.07E, h0km, mbtmp2.8/2, ML2.4/2, Error ellipse: s-maj=22.4km s-min=12.4km az=50.0, Southwestern Siberia

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

AEIC 25 09:48:43.6:7.3, 51.7N:0.1:1.75:06E:0.09, h20km, 6km, Error ellipse: s-maj=16.3km s-min=7.3km az=195.0

NEIC 25 09:48:45.6:1.9, 52.2N:0.1:1.75:1E:0.1, h57km, 9km, mb4.4/12, ML3.5(AEIC), Error ellipse: s-maj=19.1km s-min=6.1km az=202.0

IDC 25 09:48:46.0:1.4, 52.24N:175.09E, h58km, 9km, mb3.6/19, mbtmp3.9/22, MS3.2/3, Error ellipse: s-maj=20.8km s-min=12.2km az=174.0

ISC 25 09:48:45.1:0.6, 52.16N:0.10:1.75:06E:0.04, h50km, n65, 0.998/62, mb4.0/22, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHEM Shemya Is, Alia, LSNW Little Sitkin, LSPA Little Sitkin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PETK 4.3nm, 0.7s, baz=271, slow=26, SNR=8.7, LVA Lva Point, SEY Seymchan, etc.

HEL 25 09:59:29.5:2.0, 64.70N:30.59E, h0km, ML2.1, Suspected explosion

KOLA 25 09:59:30.3:64.64N:30.65E, h0km, ML2.4, Error ellipse: s-maj=16.0km s-min=12.7km az=160.0, Kostomuksha, Karelia

IDC 25 09:59:31.2:1.8, 64.72N:30.86E, h0km, mbtmp3.1/4, ML2.3/4, Error ellipse: s-maj=23.8km s-min=7.7km az=102.0

ISC 25 09:59:29.6:1.0, 64.74N:0.003:30.68E:0.06, h0km, n34, 0.1564/53, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RMF Romuvaara, KU6 Riekkii, KU6 Riekkii, etc.

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

VIE 25 10:00:05.2:0.2, 50.12N:19.12E, h0km, mb2.3/2, ml2.5/3, Error ellipse: s-maj=4.1km s-min=1.1km az=155.0, Suspected Mining Induced.

PRU 25 10:00:05.6:50.19N:19.07E, h0km, IPEA2 10:00:05.2:0.2, 50.15N:19.09E, h1km, ML2.4/4, Error ellipse: s-maj=2.5km s-min=1.0km az=166.0

ISC 25 10:00:05.2:0.9, 50.08N:0.04N:19.14E:0.02, h0km, n20, 0.0584/34, Poland

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

UPP 25 10:07:03.9:0.7, 60.14N:21.41E, h0km, ML2.6

DNK 25 10:07:03.7:0.9, 60.17N:21.46E, h0km, ML2.6(UPP), Suspected explosion

IDC 25 10:07:04.6:1.7, 60.10N:21.52E, h0km, mbtmp3.1/4, ML2.1/4, Error ellipse: s-maj=27.6km s-min=6.5km az=164.0

HEL 25 10:07:04.9:2.0, 60.10N:21.40E, h0km, ML2.1, Explosion

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HEBO, JRO, B201, S205, B202, etc.

SSNC 25 13:26:09.2±1.1, 18.48N:71.53W, h40km, 14km, MD3.5, ML3.3, MW3.3
SDD 25 13:26:11.0±3.0, 18.63N:71.80W, h31km, 13km, MD3.4, ML3.5, MW3.8
ISC 25 13:26:08.9±1.1, 18.68N:0.03:71.68W, 0.02:h13km, 9km, n26, c1944/51, 5C-40, Dominican Republic region

Main table of station data for the left column, including stations like JIDR, NEDR, SDDR, SDDR, SDDR, etc.

comp=N,15nm,1.3s

SOME 25 13:34:00.7, 41.37N:71.00E, h5km
NMC 25 13:34:03.9±1.8, 41.53N:71.06E, h0km, mb3.6, mpv3.4, Error ellipse: s-maj=14.2km s-min=5.3km az=22.0
ISU 25 13:34:04.6, 41.85N:71.19E, h20km
KRNET 25 13:34:05.9±1.1, 41.54N:71.25E, h10km, mb2.2
ISC 25 13:34:06.2±1.1, 41.59N:0.03:71.17E, 0.03:h4km, 10km, n31, c2804/51, 6C-10D, Kyrgyzstan

Main table of station data for the middle column, including stations like TRKS, TRKS, ARK, ARK, TGS, TGS, MNAS, MNAS, etc.

Main table of station data for the right column, including stations like DALY, DALY, FETHY, FETHY, MRBS, MRBS, ARG, ARG, etc.

IDC 25 13:52:32.2±2.0, 31.15S:150.25E, h0km, mb3.2/3, mbmp3.2/3, Error ellipse: s-maj=160.2km s-min=29.9km az=123.0, New Ireland region

Main table of station data for the right column, including stations like WRA, WRA, ASAR, ASAR, ILAR, ILAR, etc.

IDC 25 13:54:28.2±2.9, 28.69S:178.62W, h0km, mb3.8/3, mbmp3.8/3, Error ellipse: s-maj=94.2km s-min=15.8km az=23.0
NEIC 25 13:54:30.8±2.4, 29.05S:0.2:178.6W, 0.1:h8km, 14km, mb4.4/6, Error ellipse: s-maj=34.0km s-min=7.6km az=200.0
ISC 25 13:54:30.8±1.3, 29.15S:0.2:178.73W, 0.07, h10km, n23, c131/14, mb4.3/6, Kermadec Islands

25d 15h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GHJ, Ghor Haditha, PRNI, etc.

IDC 25 15:12:07.3-1.7, 7.18S, 128.71E, h0km, mb3.9/2, mbmp3.8/4, ML3.8/2, Error ellipse: s-maj=128.7km s-min=29.8km az=66.0

ISC 25 15:12:09.3-0.9, 7.37S, 128.86E, 0.08, h10km, n11, c323/10, Banda Sea

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

BER 25 15:14:26.3-0.4, 7.182N, 9.98W, h0km, 440km, mb(Pn)4.4, Confirmed Earthquake

DNK 25 15:14:37.0-2.9, 7.129N, 11.10W, h0km, 182km, ML2.1

ISC 25 15:14:33.8-1.1, 7.146N, 10.099S, 0.1, h10km, n6, c181/12, Jan Mayen Island region

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

DNK 25 15:34:48.8-1.2, 7.134N, 10.78W, h0km, 118km, ML1.8

BER 25 15:34:49.6-0.5, 7.131N, 9.26W, h3km, 999km, ML2.5, Confirmed Earthquake

ISC 25 15:34:45.6-1.2, 7.114N, 0.1x9.7W, 0.1, h10km, n6, c1945/11, Jan Mayen Island region

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

NEIC 25 15:37:14.7-1.4, 13.15N, 0.05-81.15W, 0.04, h7km, 4km, mb4.7/213, Error ellipse: s-maj=7.8km s-min=4.8km az=205.0

UCR 25 15:37:14.0-1.2, 13.17N, 80.94W, h24km, 999km, MW5.1

IDC 25 15:37:14.0-0.5, 13.10N, 81.18W, h0km, mb4.2/21, mbmp4.3/24, ML4.5/3, MS4.0/47, Error ellipse: s-maj=17.9km s-min=12.2km az=65.0

RSNC 25 15:37:15.4-0.0, 13.1N, 81.1W, h3km, 3km, M4.7, mB5.3, mb4.8, ML4.4, Mw(mB)4.7, Mw(Mwp)4.7, Mw(5.0)

UPA 25 15:37:15.3-1.5, 13.18N, 81.02W, h18km, 20km, MW4.9

GCMT 25 15:37:16.7-0.3, 13.17N, 0.01-81.16W, 0.02, h2km, MW4.8/103, Moment Tensor Solution: s20, c22; s103, c137; Duration: 0 Moment tensor: Scale 1016Nm; M=0.34e+06; Mw=0.84e+06; Mw1.19e+06; Mw0.62e+23; Mw1.66e+05; Mw0.22e+17; Best double couple: Ms2.05800e+10 * N1P1, phi=253.00000, 887.00000, 1-20.00000; NP2, phi=344.00000, 871.00000, 1-17.00000; Principal axes: T 2.2190, P1g11.0000, Az=300.0000; N -0.3180, P1g70.0000, Az=64.0000; P -1.8970, P1g16.0000, Az=207.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

CATAC 25 15:37:18.0-0.8, 12.329N, 80.28W, h14km, 17km, MB5.7, mb5.0, ML5.0, c1571/556, mb4.7/120, MS4.0/41, 3C-3D, Caribbean Sea

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

2018 SEP

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACON, ACOPYA, ACOPYA, etc.

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

Table with columns: Station ID, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like SDDR Presa de Saban, SDV Santo Domingo, SDV Santo Domingo, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like ANMO Albuquerque, SADO Sadova, LPAZ La Paz, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like DLBC Dease Lake, CRAG Craig, S34M Telegraph Cree, etc.

25d 15h

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Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like H27K Steamboat Moun, SCRK Sand Creek, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like O18K Katmai Hardscr, N19K Bonanza Creek, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like A19K Wainwright, E17K Hotham Inlet, etc.

Code Station Name Az El Phase ID Time Res
ASGA Asgata 0.15 5 I|P S Pb 15 44 57.3 +0.6
ASGA Asgata 0.15 5 I|P S Sb 15 45 01.0 +1.2
ASGA 40nm,0.5s AML AML 15 45 01.3
ASGA 17nm,0.2s AML AML 15 45 03.8
APOL The Sanctuary 0.30 278 P S Pg 15 44 58.6 0.0
APOL APOL AML AML 15 45 03.9 +0.3
APOL 6.9nm,0.2s AML AML 15 45 04.0
APOL 10nm,0.4s AML AML 15 45 04.3
CSS Mathiatis 0.34 14 Pg Sg 15 44 59.3 +0.1
CSS Mathiatis 0.34 14 P Pg 15 45 03.9 -0.2
CSS Mathiatis 0.34 14 P Pb 15 45 03.7 -0.2
CSS Mathiatis 0.34 14 I|P S Pb 15 44 59.7 -0.2
CSS 3.3nm,0.3s AML AML 15 45 09.4
CSS 3.1nm,0.4s AML AML 15 45 09.9
AKIN Akincilar-Kib 0.43 27 Pg Sg Pb 15 45 01.3 -0.1
AKIN TROD 0.43 317 I|P S Pb 15 45 07.5 -0.2
TROD TROD S Sb 15 45 00.5 +0.1
TROD 2.7nm,0.5s AML AML 15 45 12.3
TROD 1.7nm,0.5s AML AML 15 45 13.0
MVOU Mavrovouni 0.51 41 P Pb 15 45 03.0 +0.2
MVOU MVOU S Sn 15 45 11.5 -1.8
MVOU 1.5nm,0.4s AML AML 15 45 15.7
MVOU 2.1nm,0.5s AML AML 15 45 16.2
ATHAL Athalassa 0.53 15 P S Pb 15 45 04.0 +0.9
ATHAL Athal 15 45 12.0 -1.7
ATHAL 3.5nm,0.7s AML AML 15 45 19.0
ATHAL 2.7nm,0.7s AML AML 15 45 21.3
LEF Lefka 0.56 330 Pg Sg Pb 15 45 03.7 0.0
LEF Lefka 0.56 330 P Pb 15 45 12.5 +1.0
LEF NATA 0.56 285 P Pg 15 45 06.0 +0.5
NATA NATA S Sb 15 45 03.4 +0.1
NATA 4.1nm,0.5s AML AML 15 45 12.0 +0.4
NATA 3.7nm,0.8s AML AML 15 45 24.8
ALFC Alefka 0.74 315 P S Pg 15 45 06.6 0.0
ALFC ALFC S Sb 15 45 17.0 +0.4
ALFC 6.0nm,0.5s AML AML 15 45 19.7
ALFC 2.8nm,0.4s AML AML 15 45 20.8

1619 **2018 SEP** **25d 17h**

BFZ	Birch Farm	38.95	154	P	P	16 47 37.6	-0.7
KLR	Kul'dur	59.13	342	LR	LR	17 15 12.7	
CMAR	Chiang Mai Arr	60.61	295	P	P	16 50 24.2	+0.9
IMAR	Indian Moutai	81.28	19	P	P	16 52 27.4	-0.2
MKAR	Makanchi Array	83.07	319	P	P	16 51 36.0	-1.4
QSPA	South Pole Qui	83.44	180	P	P	16 52 38.5	-0.7
QSPA	South Pole Qui	83.44	180	P	P	16 52 54.8	
QSPA	South Pole Qui	83.44	180	P	P	16 52 38.3	-0.8
TORD	Torodi Ar. Bea	152.93	286	PKPbc	PKPbc	17 00 07.5	-2.3

TAP 25 16:40:50.4, 24:40N, 121:97E, h32km, ML3.8, C
 JMA 25 16:40:50.1, 0.1, 24:3N, 0.8, 122:0E:0.5, h46km, 2km,
 MV3.0/12, TAIWAN REGION
 ISC 25 16:40:50.5, 0.9, 24:36N, 0.0, 122:05E, 0.0, 0.2, h25km, 5km,
 n128, c0998/218, 16C-14D, Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
EOS2	EOS2	0.18	69	iP	16 40 56.4	+0.6
EOS2	EOS2			iS	16 41 01.7	+2.3
EOS3	EOS3	0.26	105	iP	16 40 57.3	+0.6
EOS3	EOS3			S	16 41 03.2	-0.4
EWUT	Wuta	0.26	290	iP	16 40 56.4	-0.6
EWUT	Wuta			S	16 41 00.9	-0.5
EAHA	Aohua	0.28	265	P	16 40 56.9	-0.3
EAHA	Aohua			S	16 41 02.3	+0.4
ESAO	Su ao	0.29	320	P	16 40 56.8	-0.6
ESAO	Su ao			S	16 41 01.0	-1.0
ENA	Nanau	0.29	285	iP	16 40 56.6	-0.7
ENA	Nanau			S	16 41 01.1	-1.0
TWC	Suao	0.31	324	iP	16 40 56.9	-0.8
TWC	Suao			S	16 41 01.5	-1.2
EOST	EOST	0.34	133	iP	16 40 58.0	+0.2
NDS	Dongshan	0.41	313	P	16 40 58.8	-0.4
NDS	Dongshan			eS	16 41 04.9	-0.4
ETL	Fush Village	0.43	243	iP	16 40 59.4	-0.3
ETL	Fush Village			S	16 41 07.2	+1.3
NACB	Ninganchiao	0.45	247	P	16 40 59.7	-0.2
NACB	Ninganchiao	0.45	247	iP	16 40 59.4	-0.5
NACB	Ninganchiao			S	16 41 06.5	+0.2
ILA	ilan	0.49	326	eP	16 41 00.6	0.0
ILA	ilan			S	16 41 07.7	+0.3
TWD	Chiawan	0.49	237	P	16 41 00.3	-0.3
TWD	Chiawan			S	16 41 08.6	+1.1
TWE	Neicheng	0.50	317	iP	16 41 00.2	-0.6
TWE	Neicheng			S	16 41 07.0	-0.7
LATG	Datong	0.51	291	iP	16 41 00.3	-0.7
LATG	Datong			S	16 41 08.0	0.0
ENTT	Nioudou	0.52	303	iP	16 41 00.5	-0.7
ENTT	Nioudou			S	16 41 07.7	-0.7
ETLH	Xiulin Townshi	0.54	254	P	16 41 00.9	-0.5
ETLH	Xiulin Townshi			S	16 41 09.8	+0.9
HWA	Hwalien	0.55	227	P	16 41 00.2	-1.4
HWA	Hwalien			S	16 41 11.1	-0.1
FUSB	Fushanzhiwuyua	0.58	314	iP	16 41 01.7	-0.5
FUSB	Fushanzhiwuyua			S	16 41 09.4	-0.7
NNSB	Datong	0.61	277	iP	16 41 02.3	-0.3
NNSB	Datong			S	16 41 10.8	-0.2
NNS	Nan Shan	0.62	278	iP	16 41 02.6	-0.2
NNS	Nan Shan			S	16 41 11.3	+0.1
TEYL	Yanliu Villag	0.64	220	P	16 41 03.2	+0.2
TEYL	Yanliu Villag			S	16 41 13.1	-0.1
ETM	Tongmen	0.64	233	iP	16 41 02.6	-0.5
ETM	Tongmen			S	16 41 12.7	+1.1
TIPB	Shuangxi	0.65	342	iP	16 41 02.9	-0.3
TIPB	Shuangxi			S	16 41 11.6	-0.3
NWLT	Wulai	0.65	310	eP	16 41 02.9	-0.4
TWB1	Santiao Chiao	0.65	355	P	16 41 02.1	-1.2
TWB1	Santiao Chiao			S	16 41 11.5	-0.5
YHNB	Yeheng	0.69	297	P	16 41 03.8	-0.1
YHNB	Yeheng	0.69	297	iP	16 41 03.5	-0.5
NSK	Sanguang	0.70	297	iP	16 41 03.6	-0.6
NSK	Sanguang			S	16 41 12.8	-0.8
SHUL	Shoufeng	0.72	218	P	16 41 04.3	-0.1
SHUL	Shoufeng			S	16 41 16.6	+0.1
FUSS	Fushou	0.74	262	iP	16 41 04.7	-0.2
FUSS	Fushou			S	16 41 15.1	+0.3
WHF	Hehuan Shan	0.74	254	eP	16 41 04.6	-0.5
WHF	Hehuan Shan			S	16 41 14.7	-0.4
NWF	Wu-fen Shan	0.75	341	P	16 41 05.1	0.0
NWF	Wu-fen Shan			S	16 41 15.0	+0.1
SX11	Grass Mountain	0.75	348	iP	16 41 04.9	-0.2
SX11	Grass Mountain			S	16 41 15.6	+0.7
TWA	Mucha	0.75	326	P	16 41 04.5	-0.5
TWA	Mucha			S	16 41 14.9	+0.1
WFSB	Wu-fen Shan	0.75	341	P	16 41 05.5	+0.5
WFSB	Wu-fen Shan			S	16 41 14.9	0.0
ESL	Shilin	0.78	226	iP	16 41 04.4	-1.0
ESL	Shilin			eS	16 41 16.0	+0.4

TATO	Taipei	0.80	321	P	Pb	16 41 06.1	+0.3
TWT	Tachien	0.80	263	P	Pb	16 41 05.9	0.0
TWT	Tachien			S	Sb	16 41 17.3	+0.8
TDCB	Techi	0.82	263	P	Pb	16 41 05.9	-0.3
TDCB	Techi			S	Sb	16 41 17.1	+0.2
JYNG	Yongunijimaku	0.82	83	P	Pb	16 41 06.2	0.0
JYNG	Yongunijimaku			eS	Sn	16 41 17.6	-0.2
TNOU	National Taiwa	0.83	343	eP	Pb	16 41 05.8	-0.5
TNOU	National Taiwa			S	Sb	16 41 17.0	-0.1
TAP	Taipei	0.84	324	eP	Pb	16 41 07.0	+0.2
TAP	Taipei			eS	Sn	16 41 18.2	-0.1
WARBT	Fenglin Townsh	0.88	224	iP	Pb	16 41 05.7	-1.4
WARBT	Fenglin Townsh			S	Sb	16 41 18.0	-0.5
YOJ	Yonguniji jima	0.88	83	P	Pb	16 41 06.9	-0.3
YOJ	Yonguniji jima	0.88	83	iP	Pb	16 41 06.8	-0.4
YOJ	Yonguniji jima			S	Sb	16 41 18.9	+0.3
YOJ	Yonguniji jima	0.88	83	P	Pb	16 41 06.8	-0.4
YOJ	Yonguniji jima			S	Sb	16 41 19.2	+0.6
EGFH	Guangfu	0.89	220	eP	Pb	16 41 06.2	-1.0
EGFH	Guangfu			eS	Sn	16 41 19.6	+0.1
NFF	Wufeng Townshi	0.89	288	eP	Pb	16 41 07.2	-0.1
NFF	Wufeng Townshi			eS	Sb	16 41 19.4	+0.5
OWD	Renai	0.89	244	P	Pb	16 41 06.7	-0.7
OWD	Renai			S	Sb	16 41 18.9	0.0
YMO1	YMO1	0.90	331	iP	Pb	16 41 07.8	+0.3
WUSB	Renai	0.92	247	P	Pb	16 41 07.3	-0.7
WUSB	Renai			S	Sb	16 41 19.6	-0.3
TWS1	Kuangyinshan	0.94	322	P	Pb	16 41 07.4	-0.7
TWS1	Kuangyinshan			S	Sb	16 41 20.7	+0.6
ANP	Anpu	0.96	330	eP	Pb	16 41 08.2	-0.3
NTST	Danshui	0.97	326	eP	Pb	16 41 08.8	+0.2
NTST	Danshui			eS	Sn	16 41 23.2	+1.6
LIOB	Emei	0.98	287	iP	Pb	16 41 09.1	+0.3
LIOB	Emei			eS	Sn	16 41 23.2	+1.3
NSTT	Nanjuang	0.99	286	iP	Pb	16 41 09.1	+0.2
NSTT	Nanjuang			eS	Sn	16 41 23.1	+1.0
NCUH	Zhongli	0.99	308	P	Pb	16 41 08.7	-0.2
NCUH	Zhongli			eS	Sn	16 41 24.5	+2.4
WHP	Taichung City	1.01	266	P	Pb	16 41 09.2	0.0
WHP	Taichung City			S	Sb	16 41 22.8	+0.5
HGSD	Ruisui	1.03	214	P	Pb	16 41 08.3	-1.1
HGSD	Ruisui			S	Sn	16 41 23.6	+0.6
SBCB	Hsinchu	1.06	294	P	Pb	16 41 09.7	-0.1
SBCB	Hsinchu			S	Sb	16 41 26.2	+2.5
EHY	Hungye	1.07	218	iP	Pb	16 41 08.2	-1.8
EHY	Hungye			S	Sn	16 41 22.7	-1.4
HSN	Hsinchu	1.08	295	eP	Pb	16 41 10.0	0.0
HSN	Hsinchu			S	Sb	16 41 25.4	+1.2
WCS	Beigang Elemen	1.08	254	P	Pb	16 41 10.0	-0.1
SSLB	Suanguilung	1.15	241	P	Pb	16 41 10.8	-0.3
SSLB	Suanguilung	1.15	241	iP	Pb	16 41 10.7	-0.3
SSLB	Suanguilung			S	Sb	16 41 26.0	0.0
NMLH	Miaoili	1.16	279	P	Pb	16 41 12.2	+0.3
NMLH	Miaoili			S	Sb	16 41 28.1	+1.5
TWQ1	Liyutan	1.16	270	P	Pb	16 41 12.4	+0.5
TWQ1	Liyutan			S	Sb	16 41 28.2	+1.6
TWQ1	Liyutan	1.18	273	P	Pb	16 41 13.1	+0.9
NSY	Sanyi	1.18	273	P	Pb	16 41 13.7	+1.7
TYC	Yuechi	1.18	248	P	Pb	16 41 11.5	+0.1
TYC	Yuechi			S	Sb	16 41 27.3	+0.3
YULB	Yuli	1.18	216	P	Pb	16 41 09.7	-1.8
YULB	Yuli	1.18	216	iP	Pb	16 41 09.6	-1.8
YULB	Yuli			S	Sn	16 41 24.5	-2.2
EYUL	Yuli	1.21	214	P	Pb	16 41 11.1	-0.7
TWF1	Yuli	1.21	215	iP	Pb	16 41 10.1	-1.8
WHYT	Xinyi Township	1.27	239	P	Pb	16 41 13.1	+0.3
WHYT	Xinyi Township			S	Sb	16 41 30.1	+0.2
WDJ	Dajia District	1.28	270	S	Sb	16 41 31.9	+1.8
WJS	Zhushan	1.32	247	S	Sb	16 41 33.0	+1.9
WNT	Mingjian	1.33	249	P	Pb	16 41 15.0	+0.1
WNT	Mingjian			S	Sb	16 41 33.5	+1.9
FULB	Fuli	1.34	211	P	Pb	16 41 12.2	-1.5
ALS	Alshan	1.41	234	P	Pb	16 41 14.8	-0.1
ALS	Alshan			S	Sn	16 41 33.5	+0.6
EHD	Haidun	1.43	213	P	Pb	16 41 13.3	-1.5
CHNS	Tsauling	1.46	239	P	Pb	16 41 16.1	+0.7
CHNS	Tsauling			S	Sb	16 41 36.8	+1.5
ECS	Chishang	1.47	211	eP	Pb	16 41 15.0	-0.4
ECS	Chishang			eS	Sn	16 41 33.4	-0.4
ELDTW	Lidau	1.50	219	eP</			

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include FKH Fakekeh, BEIL Beino, DSI Dead Sea, etc.

IDC 25 17:15:37.5:0.9,29.46N;104.42E,h0km,mb3.77, mbmp3.6,9,M33.4/2, Error ellipse: s-maj=35.2km s-min=17.4km

ISC 25 17:15:42.2:1.2,29.5N;104.45E:0.2,h35km,n11, o=85/9,mb3.47, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Sonoro Array, KSR5 Korea Array, etc.

ISN 25 17:46:22.1:1.0,34.59N;45.48E,h6km,5km,ML3.1 TEH 25 17:46:22.6,34.59N;45.54E,h9km,40km,ML2.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KGS1 Ghar-e-Shirin, GLG1 Gilan-e-Gharb, IDHR Dehrah, etc.

IDC 25 17:50:32.6:0.8,22.87S;179.46W,h545km,8km,mb3.8/15, mbmp4.7/18, Error ellipse: s-maj=11.2km s-min=10.9km

NOU 25 17:50:33.1,22.77S;179.34W,h552km,mb4.9/36, South of Fiji Islands

NEIC 25 17:50:33.2:1.6,22.92S;179.4W:0.1,h553km,7km, mb4.6/112, Error ellipse: s-maj=14.3km s-min=12.1km

ISC 25 17:50:32.9:0.3,22.91S;179.47W:0.05,h550km, n213,i1957/227,mb4.67/4,SC-12, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MSVF Nonsavu, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BKZ Black Stump Fm, BKZ Black Stump Fm, ARHZ Aropoanui, etc.

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

ISC 25 17:58:22.1:1.0,34.58N;104.455E:0.04,h5km,8km, n14,o091/19,Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include AULL Canberra, CTAO Charters Tower, CMAO Cobar Meteorol, etc.

ISC 25 17:58:22.2:1.0,34.58N;104.455E:0.04,h5km,8km, n14,o091/19,Iran-Iraq border region

ISC 25 17:58:22.2:1.0,34.58N;104.455E:0.04,h5km,8km, n14,o091/19,Iran-Iraq border region

ISC 25 17:58:22.2:1.0,34.58N;104.455E:0.04,h5km,8km, n14,o091/19,Iran-Iraq border region

ISC 25 17:58:22.2:1.0,34.58N;104.455E:0.04,h5km,8km, n14,o091/19,Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include STKA Stephens Creek, INKA Innaminka, MANU Manus Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CASY Toititoli, TOL12 Toititoli, JAGI Jajag, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KSR5 Korea Array, MAW Mawson, PMSA Palmer Station, etc.

ISC 25 17:58:22.2:1.0,34.58N;104.455E:0.04,h5km,8km, n14,o091/19,Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include DSP Deep Springs, KDAK Kodiak Island, NVAR Mina Array, etc.

ISC 25 17:58:22.2:1.0,34.58N;104.455E:0.04,h5km,8km, n14,o091/19,Iran-Iraq border region

ISC 25 17:58:22.2:1.0,34.58N;104.455E:0.04,h5km,8km, n14,o091/19,Iran-Iraq border region

ISC 25 17:58:22.2:1.0,34.58N;104.455E:0.04,h5km,8km, n14,o091/19,Iran-Iraq border region

ISC 25 17:58:22.2:1.0,34.58N;104.455E:0.04,h5km,8km, n14,o091/19,Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include NVAR Mina Array, ELIB Princess Elisa, TPNV Topopah Spring, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like MMAL Mount Meron Arr, BURAR Bucoovina Array, CSS Mathiatis, etc.

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

ADC 25 17:56:36.2±1.5, 51.38N, 174.66W, h0km, mb3.5/4, mbmp3.4/5, ML3.7/1, Error ellipse: s-maj=78.1km, s-min=27.6km, az=148.0

AEIC 25 17:56:40.8±3.5, 51.71N, 174.77W, h0.06, h20km, 7km, Error ellipse: s-maj=10.9km, s-min=3.0km, az=153.0

NEIC 25 17:56:40.4±2.8, 51.88N, 174.77W, h0.09, h23km, 13km, mb3.8/16, ML3.1(AEIC), Error ellipse: s-maj=19.2km, s-min=3.9km, az=153.0

ISC 25 17:56:41.0±0.5, 51.75N, 174.76W, h0.05, h35km, n71, s=1336/67, mb3.6/5, Andeanot Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like KOFF Korovin Flat P, KOKL Mount Kluichef, KOKE Korovin Southe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like PPLA Purkepiley, J20K Nowinta River, H19K Roundabout Mou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like HIN Hinchbrook I, FND Port Fido, R19K Reindeer, etc.

ADC 25 18:09:50.6±0.5, 10.34N, 126.26E, h0km, mb4.2/21, mbmp4.2/21, MS3.3/9, Error ellipse: s-maj=28.2km, s-min=12.9km, az=73.0

NEIC 25 18:09:55.3±1.1, 10.36N, 126.17E, h0.07, h31km, 5km, mb4.6/87, Error ellipse: s-maj=11.5km, s-min=9.0km, az=49.0

ISC 25 18:09:54.0±3.3, 10.35N, 126.21E, h0.08, h25km, 24km, n132, s=1813/130, mb4.5/58, MS3.1/7, Philippine Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like DAV Davao City (W), MYLDM Lahad Datu, TPUB Tabu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like CM31 Chiang Mai Arr, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like CHTO Chiang Mai, RPSI Rantau Prapat, MAJO Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like MJAR Matsushiro Arr, MJB9 Matsu-Tunnel, MJB9 Matsu-Tunnel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like FITZ Fitzroy Crossi, XMIS Christmas Isla, COEN Coen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries 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 entries like W2 Warramunga Arr, W2 Warramunga Arr, W2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like MBWA Marble Bar, MBWA Marble Bar, MBWA Marble Bar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like PSAO Pilbara Seismi, USA0 USSuriyisk Arra, USA0 USSuriyisk Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like USRK USSuriyisk Arr, USRK USSuriyisk Arr, USRK USSuriyisk Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like MDJ Mudjanjiang, MDJ Mudjanjiang, MDJ Mudjanjiang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like ASAJ Asahikawa, ASAJ Gaotai, ASAJ Gaotai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like MORW Morawa, MORW Morawa, MORW Morawa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like ULRN Ulanbatar, SONM Songno Array, SONM Songno Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like NFOA Forrest, NFOA Naroegin (SRO), BBOO Buckleboob, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like ONTNC Ouen Toro, YAK Yakutsk, YAK Yakutsk, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like MAZK Makanchi, MAZK Makanchi, MAZK Makanchi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like ZAAO Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like AAK Ala-Archa, KURK Kurchatov, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like CHGR Chuyangaron, CHGR Chuyangaron, SIMJ Simigan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like NRKJ Norik'sk, NRKJ Norik'sk, NRKJ Norik'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like ABKAR Abkual array, ABKAR Abkual array, ABKAR Abkual array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like O16K Kokwok River B, O16K Kokwok River B, O16K Kokwok River B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like J17K VABM Dome, J17K VABM Dome, J17K VABM Dome, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like C18K Utukok River, M17K Holitna River, M17K Holitna River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like D19K Kuna River, D19K Kuna River, D19K Kuna River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like E19K Redstone River, E19K Redstone River, E19K Redstone River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like O18K Koktuh Hills, O18K Koktuh Hills, O18K Koktuh Hills, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like L19K White Mountain, F20K Avaraart Lake, IMAR Inland Moutai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like G21K Allakaket, G21K Allakaket, G21K Allakaket, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like SYI Melozitna River, H21K Melozitna River, H21K Melozitna River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like C23K Kikiliik River, E23K Chandalar, E23K Chandalar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like I23K Minto, Yukon-K, I23K Minto, Yukon-K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like D24K Happy Valley, D24K Happy Valley, D24K Happy Valley, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like C24K Franklin Bluff, C24K Franklin Bluff, C24K Franklin Bluff, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like F24K Squaw Lake, POKR Poker Plat Res, POKR Poker Plat Res, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like D25K Kavik River, B27K Mount Merton, C27K Jago River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like MCARA McCarthy Y4S, H29M Miner Creek, H29M Whitestone, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like G29M Pine Creek, G29M Pine Creek, G29M Pine Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like L29M L29M, L29M L29M, L29M L29M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like SPB1 Spitsbergen Arr, SPB1 Spitsbergen Arr, SPB1 Spitsbergen Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like H31M Peel River, H31M Peel River, H31M Peel River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like FIA1 FINESS Array S, FIA1 FINESS Array S, FIA1 FINESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like AKASO Malin Array Be, AKASO Malin Array Be, AKASO Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like CSS Mathiatis, C36M Paluakut, E3UN Eureka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like HFS Hagfors, HFS Hagfors, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, etc.

PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

BER 25 18:15:11.8±0.5, 71.36N, 9.10W, h3km, 71km, ML2.5, Confirmed Earthquake

DNK 25 18:15:14.0±0.9, 71.42N, 10.83W, h0km, 83km, ML1.7, Confirmed Earthquake

ISC 25 18:09:59.1±1.1, 7.14N, 10.19W, h0.01, h10km, n6, s=175/11, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes entries like JMJC Jan Mayen, JMJC Jan Mayen, JMJC Jan Mayen, etc.

25d 18h

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station names like Black Hills, Casper, Red Feather La, etc.

IDC 25 18:29:41.1-0.8,5:46S,142.18E, h0km, mb4.4/15, mbmp4.4/17, ML2.0/1, MS3.7/29, Error ellipse: s-maj=28.6km s-min=14.9km az=83.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station names like Tabubil, Jayapura, Mirauke, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station names like Soe, Baunata, Cibinong, etc.

NEIC 25 18:29:46.1-1.7,5:65S,0.1x1.2:1E:0.1, h35km,2km, mb4.9/46, Error ellipse: s-maj=18.8km s-min=15.9km az=126.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station names like Baotou, Lanzhou, Kuldair, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station names like YAK, WMQ, Urumqi, etc.

NEIC 25 18:40:39.9-1.7,6.4:62N,0.03:148.02W:0.06, h29km,1.1km, Error ellipse: s-maj=4.1km s-min=3.5km az=4.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station names like Clear Creek Bu, Wood River Hill, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like TORO, WEL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like WEL, Code, Station Name, etc.

Table with columns: Station Name, Time, Res, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like WRO, MBWA, PSA00, COEN, ASAR, SBUM, BBOO, NWAO, STKA, KULM, TPUB, CAN, TOO, JCJ, CM31, CMAR, CRAI, CHTO, JMN, PZH, KRSR, MJAR, MJB9, HHC, USRK, SONM, PETK, KSH, MK31, MKAR, MAKZ, GAR, ZAAO, ZALV, KURBB, KURK, BVAR, QSPA.

IDC 25 20:08:08.0, 8.0, 7.13, 036N:143.43E, h203km, 7km, mb3.8/19, mbmp4.4/20, Error ellipse: s-maj=15.9km s-min=9.9km az=92.0

NEIC 25 20:08:09.1, 1.1, 13.07N:07.143.36E:0.08, h202km, 6km, mb4.4/17.9, Error ellipse: s-maj=14.2km s-min=6.6km az=130.0

ISC 25 20:08:08.4, 0.4, 13.05N:0.05:143.34E:0.07, h200km, n152, -0876/152, mb4.4/8, 1D, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMO, JCJ, RABL, FAKI, YUKI, YULU, H1N1, H1N2, H1N3, SSSL, TPUB, MJAR, MAJO, MJB9, LUWI, JMW, COEN, HNR, BRK, USSRY, WRO, WR0, WRAB.

Table with columns: Station Name, Time, Res, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like WB2, WRA, BNX, FITZ, BJT, JAGI, AS31, ASAR, EIDS, HHC, HHC, HEH, HEH, MYKOM, MBWA, PZH, PZH, PSA00, PETK, DZM, DZM, CRAI, KULM, CM31, CM31, MNAI, ARMA, ARMA, XMIS, STKA, STKA, STKA, FORT, BBOO, BBOO, SONM, SONM, GSI, GSI, CAN, CAN, MORW, MORW, SHL, SHL, YAK, YAK, ADK, ADK, TOO, TOO, MK31, MKAR, MKAR, MAKZ, ZALV, ZALV, ZALV, L14K, L14K, M14K, M14K, OXZ, N15K, N15K, K15K, O16K, O16K, M16K, L16K, L16K, N17K, N17K, KURK, KURK, KURBB, M17K, M17K, S11, K17K, K17K, H17K, H17K, O18K, O18K, O18K, O18K, G19K, H18K, H18K, L19K, L19K, G19K, M20K, M20K, CNPM, J20K, BRLK, PPLA, PPLA.

Table with columns: Station Name, Time, Res, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like IMAR, H21K, G21K, PWL, B21K, B21K, SML, SML, KKAR, E22K, E22K, NEA2, NEA2, G23K, G23K, COLD, COLD, BVAR, E23K, E23K, H24K, IL3, ILAR, F24K, D24K, F25K, F25K, I28M, DAWY, F28M, L29M, L29M, HYT, HYT, K29M, K29M, G29M, G29M, EPYK, EPYK, G30M, G30M, WHY, WHY, G31M, G31M, YKA, SPITS, J05D, J05D, B08A, B08A, C09A, NEW, NEW, J08A, J08A, ARCES, ARCES, BMO, BMO, PLID, KVN, NVAR, NVAR, MFID, MFID, DSP, MZP, GMIN, TPNV, FINES, YHL, YHL, FLYW, RLMT, RLMT, PDAR, LPAZ.

IDC 25 20:06:57.7, 5.0, 16.87S: 178.49W, h0km, mb4.2/3, mbmp4.2/3, Error ellipse: s-maj=1005.0km s-min=154.5km az=78.0

NEIC 25 20:08:12.1, 2.6, 18.55S:0.3:178.7E:0.2, h543km, 14km, mb4.3/10, Error ellipse: s-maj=47.5km s-min=22.1km az=146.0

ISC 25 20:08:12.1, 1.6, 18.55S:0.3:178.7E:0.3, h550km, n14, -1829/14, mb4.2/8, Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF, EIDS, EIDS, COEN, STKA, STKA, BBOO, WB0, WB0, WB2, WB2, WRA, WRA, ASAR, JKA, JKA.

25d 20h

SDPT Sand Point 75.69 12 P P 20 19 01.5 +0.6
GWY Greenwater Val 81.76 48 P Iamb Iamb 20 19 34.3 +0.4
comp=Z,3.7nm,1.4s

IDC 25 20:08:41.0.1.5. 10.44N:143.89E, h0km, mb3.87, mbmp3.87, Error ellipse: s-maj=48.8km s-min=31.8km az=78.0

ISC 25 20:08:46.1.1.3. 10.4N:02.143.9E:0.3, h35km, n7, o0877, mb3.97, South of Mariana Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Rows include STKA Stephens Creek, CMAR Chiang Mai Arr, MKAR Makanchi Array, ZALV Zalesov Beam, KURBB Kurchatov Arra, BVAR Borovoye Array, ILAR Eielson Array.

SDD 25 20:09:38.3.1.5. 18.48N:69.17W, h109km, 7km, MD3.7, ML3.5, MW3.9

ISC 25 20:09:34.1.1.4. 18.61N:0.08.69.22W:0.04, h130km, 10km, n29, e211/38, 10C-2D, Dominican Republic region

Main table for the 25d 20h section, listing various station codes (SPM1, MIDR, HIDR, SADR, SDD, PCDR, NADR, BAN, ABD, SDR, AGPR, PODR, CRPR, AOPR, JIDR, CELP) and their corresponding data points.

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Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Rows include SJG San Juan, GRTK Grand Turk, MASC Masc, QMBU Quimbuelo, NMDO Nuevo Mundo, ANWB Willy Bob, ANBD Bethesda, Anti.

ISN 25 20:21:57.6:0.8, 32.94N:45.86E, h28km, ML3.2
TEH 25 20:21:58.0, 32.84N:45.73E, h10km, 229km, ML2.8
ISC 25 20:21:58.8:1.2, 32.86N:0.04:45.76E:0.05, h10km, n7, e090/11, Iraq

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Rows include IBDR Badra, RAFI Al-Rafai, BHD Baghdad, GLG1 Gilan-e-Gharb, IGHG Ghaleghazi, IKFM Katar-mosalman, IDHR Deirhass.

KRNET 25 20:34:03.0:0.1, 41.11N:76.11E, h14km, mb3.3
SOME 25 20:34:02.8, 41.18N:76.05E, h5km
KNET 25 20:34:04.8:0.5, 41.21N:75.93E, h0km, ml3.0, Error ellipse: s-maj=3.1km s-min=2.1km az=166.0

NNC 25 20:34:04.3:0.8, 41.12N:76.14E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=6.0km s-min=3.5km az=174.0
ISC 25 20:34:03.7:0.9, 41.12N:0.04:76.10E:0.02, h10km, n83, e170/134, 42C-29D, Kyrgyzstan-Kinjiang border region

Main table for the 2018 SEP section, listing various station codes (NRN, ULHL, KDJ, BOOM, ARLS, UCH, KBK, KBK, TKM2, TKM2, TKM2, KST, AAK, AAK, AAK, FRU1, TNSS, CRPR, MTBS, AML, AML, CHMS, CHMS, CHMS, CHMS) and their corresponding data points.

Main table for the right side of the page, listing various station codes (DGS, MDOK, AAA, AAA, AAA, KND, PRZ, PRZ, SFK, EKS2, EKS2, USP, OHH, OHH, SATY, SATY, SATY, SATY, KRBS, KRBS, KRBS, KRBS, KTBS, KTBS, ZHN, ZHN, MRKS, MRKS, KUU, KUU, CHKK, CHKK, KURS, KURS, UZB, UZB, UZB, MNAS, MNAS, KPKS, KPKS, ARK, ARK, SHLS, SHLS, ARXS, ARXS, ARXS, TRKS, TRKS, BTK, BTK, BTLS, BTLS) and their corresponding data points.

Table of astronomical observations with columns for station name, time, and other parameters. Includes stations like F17K, D17K, J19K, etc.

ADC 25 20:47:30.9, 2.4, 6.75S, 129.22E, h0km, mb3.3/1, mbtm 3.2/3, ML3.3/2, Error ellipse: s-maj=151.2km s-min=33.8km az=68.0, Banda Sea

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

NEIC 25 20:51:04.8, 1.1, 24.25N, 101.06, 93.91E, 0.05, h58km, 5km, mb4.2/6, Error ellipse: s-maj=8.5km s-min=6.8km az=176.0

ADC 25 20:51:06.5, 3.8, 24.10N, 94.03E, h72km, 35km, mb3.3/7, mbtm 3.5/8, ML3.8/1, Error ellipse: s-maj=53.7km s-min=14.9km az=62.0

ISC 25 20:51:05.4, 0.7, 24.10N, 101.03, 93.91E, 0.1, h68km, n21, +19.0E/22, mb3.8/10, Myanmar-India border region

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

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

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

ADC 25 21:16:43.0, 0.5, 4.72S, 103.03E, h0km, mb4.7/25, mbtm 4.6/25, M3.9/9, Error ellipse: s-maj=24.2km s-min=12.7km az=53.0

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

Main table of astronomical observations with columns for station name, time, and other parameters. Includes stations like LWLI, UBISI, KASI, etc.

Continuation of astronomical observations table with columns for station name, time, and other parameters. Includes stations like STKA, JNU, HHC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ABKAR Akbulak array, DRV Dumont d'Urville, MAW Mawson, etc.

IDC 25 21:50:11.4-4.2, 32.616N:140.58E, h0km, mb3.7/4, mbmp3.6/5, ML2.5/1, Error ellipse: s-maj=155.8km s-min=25.6km az=70.0

JMA 25 21:50:13.2-0.2, 33.0N:106.141E, h0km, MV3.3/24, E OFF HACHUOJIMA ISLAND

ISC 25 21:50:15.2-1.3, 33.02N:106.14135E, h0km, n18, s1507/26, mb3.6/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHJ2 Mitsune, HJCC Hachijojimakas, JAOM Aogashimamukai, etc.

ISN 25 21:50:47.1-0.9, 35.29N:46.77E, h30km, 22km, ML3.5 TEH 25 21:50:48.9, 35.06N:46.63E, h5km, ML3.4

IDC 25 21:50:52.2-3.0, 35.35N:46.01E, h0km, mb3.6/4, mbmp3.4/6, ML3.5/2, Error ellipse: s-maj=63.3km s-min=29.7km az=167.0

ISC 25 21:50:49.5-0.7, 35.07N:103.4658E, h0km, n40, s2056/43, mb3.2/4, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAHB Mahabad, IKFM Kafar-mosalmal, IKRK Kiruk, etc.

IDC 25 21:55:12.5-2.2, 6.28S: 128.56E, h0km, mb3.8/3, mbmp3.9/5, ML4.1/2, Error ellipse: s-maj=282.2km s-min=28.0km az=68.0

NEIC 25 21:55:31.3-1.7, 6.38S:0.07-129.51E:0.10, h187km, 13km, mb4.1/4, Error ellipse: s-maj=15.1km s-min=6.7km

ISC 25 21:55:31.5-0.9, 6.47S:0.09-129.59E:0.09, h200km, n23, s1861/25, mb3.5/3, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SAUI Saumlaki, SAUI FAKI, SOEI Fak, etc.

AEIC 25 22:32:32.1-3.2, 3.69N:144.43W:0.05, h2km, 6km, ML3.4, ML3.4/62(NEIC), Error ellipse: s-maj=4.7km s-min=2.2km az=168.0

NEIC 25 22:32:35.1-1.6, 6.95S:144.47W:0.04, h10km, 1km, Error ellipse: s-maj=4.6km s-min=2.9km az=195.0

IDC 25 22:32:34.0-3.9, 6.91S:144.48W, h0km, mb3.1/1, mbmp3.3/3, ML3.3/2, MS3.0/2, Error ellipse: s-maj=46.4km s-min=23.5km az=140.0

ISC 25 22:32:32.1-1.1, 6.95S:144.44W:0.02, h3km, 10km, n120, s112/132, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like C27K Jago River, C26K Camden Bay, C26K Camden Bay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like E27K baz=323, F26K Sheenjek River, E28M Babbage River, etc.

25d 23h

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like San Pablo, Sonseca Array, Dease Lake, Sutherland, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like MNK, STKA, WRA, WBO, ZALV, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like JOTO, MKAR, WRA, SJA, IDC, NEIC, GUC, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MACA Manacapuru-AM, MG03 Isla Dawson, BELA Belgrano 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHIR Chirikof Islan, SPIA Saint Paul Isl, O14K Tiguykauivet M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KOVU Salmi, KOVU Dundret, DUNU Dundret, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRN 25 23:16:22.8, 15.777N-60.59W, h18km, MD3.5, 1D, North-east of Dominica, Leeward Islands.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like O29M Mount Nend, I26K Coal Creek Mtn, M29M Somme Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA 25 23:46:34.1, 0.3, 25.0N-0.8, 123.8E-0.9, h0km, MV2.2/5, NW Off ISHIGAKIJIMA IS, Northeast of Taiwan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 25 23:17:02.2, 50.0, 16.73S-178.02W, h0km, mb4.0/3, mbtmp4.0/3, Error ellipse: s-maj=920.4km.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H12N WAKE ISLAND Hy 41.48 225 T, H11N WAKE ISLAND Hy 41.48 225 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RABL Rabaul, RABL Port Moresby, PMG Manu Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 25 23:26:57.9, 1.7, 54.41N-163.20W, h0km, mb3.4/4, mbtmp3.4/6, ML3.2/2, Error ellipse: s-maj=33.9km.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LANU Lannavaara, LANU Lanu, PAJU Pajala, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARMA Armidale, ARMA Kununurra, AS01 Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISLZ Isanotski Laza, ISLZ Isanotski Laza, FALS False Pass, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HEL 25 23:40:47.8, 0.6, 67.86N-20.10E, h0km, ML1.0, Explosion, Sweden.

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

MTPU	Mount Pierson	83.15	46	I	Amb	I	Amb	00 49 03.2
BMRM	Bremner River	83.19	16	P		P		00 48 58.8 -0.1
PPLA	Purkeyville	83.20	12	P		P		00 48 58.2 -0.7
WAX	Waxell Ridge	83.22	17	I	Amb	I	Amb	00 49 00.8
S31K	Pelican	83.24	21	P		P		00 48 58.8 -0.2
MESA	MESA	83.24	17	P		P		00 48 59.3 0.0
TCRU	Three Creeks R	83.25	46	P		P		00 49 01.4 +1.5
TCRU	Three Creeks R	83.25	46	P		P		00 49 03.3
SCM	Sheep Creek Mo	83.28	14	I	Amb	I	Amb	00 49 00.4
SCM	Sheep Creek Mo	83.28	14	P		P		00 48 58.8 -0.4
K20K	Telida	83.28	11	I	Amb	I	Amb	00 49 00.5
K20K	Telida	83.28	11	P		P		00 48 58.3 -0.9
HEH	HeiHe	83.29	328	eP		pP		00 48 59.5 0.0
HEH	HeiHe	83.29	328	pP		pP		00 51 04.3 +1.8
HEH	HeiHe	83.29	328	pP		pP		00 58 27.3 +0.6
HEH	HeiHe	83.29	328	pP		pP		00 58 27.3 +0.6
HEH	HeiHe	83.29	328	pP		pP		00 58 27.3 +0.6
E08A	Dider Farm, El	83.29	37	I	Amb	I	Amb	00 49 02.1
KLU	Klutina	83.31	15	P		P		00 48 58.6 -0.9
H16K	Elim	83.33	7	P		P		00 48 58.7 -0.6
MVU	Marysvale	83.35	46	P		P		00 49 02.3 +1.9
CRQM	Cirque	83.40	16	I	Amb	I	Amb	00 49 02.1
CRQE	Cirque	83.41	16	P		P		00 48 59.5 -0.5
YAH	Yahits	83.45	17	I	Amb	I	Amb	00 49 02.2
TGL	Tana Glacier	83.48	17	I	Amb	I	Amb	00 49 02.4
PMSA	Palmer Station	83.48	157	P		P		00 49 01.6 +1.3
PMSA	Palmer Station	83.48	157	eP		pP		00 49 00.7 +0.4
ISLE	Juniper Island	83.48	17	I	Amb	I	Amb	00 49 01.9
G15K	Niukuk	83.49	6	P		P		00 48 59.3 -0.9
KULM	Kulim	83.50	278	I	Amb	I	Amb	00 49 03.4
KULM	Kulim	83.50	278	P		P		00 49 02.1 +0.7
MFID	Camas Ranch	83.50	40	I	Amb	I	Amb	00 49 02.0 +1.1
MFID	Camas Ranch	83.50	40	I	Amb	I	Amb	00 49 03.5
PNL	Peninsula	83.57	19	P		P		00 49 01.1 +0.4
J19K	Poorman	83.61	10	P		P		00 49 00.7 -0.1
P1NM	Pinnacle	83.66	18	P		P		00 49 00.7 -0.6
TABL	Table Mountain	83.69	17	I	Amb	I	Amb	00 49 03.0
VRDI	Verde Repeater	83.71	16	I	Amb	I	Amb	00 49 03.6
TNA	Tin City	83.72	4	P		P		00 49 00.9 -0.3
N25K	Chitina, Valde	83.74	15	I	Amb	I	Amb	00 49 03.0
N25K	Chitina, Valde	83.74	15	P		P		00 49 00.0 -1.6
GRNC	Granite Creek	83.75	17	I	Amb	I	Amb	00 49 03.9
F14K	Arctic Creek	83.75	5	P		P		00 49 01.5 +0.1
DUG	Dugway, Toeole	83.78	44	P		P		00 49 02.5 +0.1
DUG	Dugway, Toeole	83.78	44	P		P		00 49 02.5 +0.1
M24K	Tolsona, Glenn	83.78	14	I	Amb	I	Amb	00 49 03.6
M24K	Tolsona, Glenn	83.78	14	P		P		00 49 02.1 +0.3
GLB	Gilahina Butte	83.80	16	I	Amb	I	Amb	00 49 03.1
121A	Cookes Peak, D	83.81	53	I	Amb	I	Amb	00 49 06.3
121A	Cookes Peak, D	83.81	53	P		P		00 49 03.6 +0.8
WAT6	Susitna Watana	83.84	14	P		P		00 49 01.7 -0.5
MAW	Mawson	83.86	200	P		P		00 49 02.7 +0.6
MAW	Mawson	83.86	200	pP		pP		00 51 07.3 -0.1
WAT1	Susitna Watana	83.88	13	P		P		00 49 01.4 -0.8
H17K	Granite Mounta	83.89	8	P		P		00 49 01.8 -0.4
MCARA	McCarthy VSAT	83.95	16	P		P		00 49 02.9 +0.3
MCARA	McCarthy VSAT	83.95	16	P		P		00 49 04.1
MCARA	McCarthy VSAT	83.95	16	P		P		00 49 02.5 0.0
HNS	HongShan	83.96	312	pP		pP		00 49 04.0 +0.9
HNS	HongShan	83.96	312	pP		pP		00 51 10.3 +3.7
HNS	HongShan	83.96	312	pP		pP		00 58 32.5 +0.9
HNS	HongShan	83.96	312	pP		pP		01 02 17.3 -1.7
HNS	HongShan	83.96	312	pP		pP		01 04 21.5 -4.5
J20K	Nowinta River	84.03	10	P		P		00 49 02.7 -0.1
SEY	Seymchan	84.04	347	eP		pP		00 49 00.9 -2.0
LOGN	Logan Glacier	84.04	17	I	Amb	I	Amb	00 49 05.3
G16K	Koyuk River	84.05	6	P		P		00 49 03.1 +0.2
F10A	Beach Ranch, E	84.05	38	I	Amb	I	Amb	00 49 05.6
P29M	Windy Craggy	84.05	19	P		P		00 49 03.2 +0.1
P29M	Windy Craggy	84.05	19	P		P		00 49 05.3
P29M	Windy Craggy	84.05	19	P		P		00 49 03.4 +0.3
CTGM	Chitina Glacier	84.06	17	P		P		00 49 03.6 +0.3
CTGM	Chitina Glacier	84.06	17	I	Amb	I	Amb	00 49 04.8
R32K	Eaglecrest	84.07	21	P		P		00 49 04.5 +1.3
R32K	Eaglecrest	84.07	21	P		P		00 49 03.4 +0.3
CHUM	Lake Minchumin	84.08	11	P		P		00 49 02.2 -0.9
ZAIG	Zacatecas	84.08	64	I	Amb	I	Amb	00 49 08.3
HMU	Henry Mountain	84.10	47	P		P		00 49 05.1 +0.9
HMU	Henry Mountain	84.10	47	I	Amb	I	Amb	00 49 06.8
F15K	North Star Dit	84.13	5	P		P		00 49 03.0 -0.3
BJT	Bajiatuau	84.21	315	P		P		00 49 05.2 +0.9
LLBL	Lillooet	84.21	32	I	Amb	I	Amb	00 49 06.2
B08A	Colville Reser	84.21	35	I	Amb	I	Amb	00 49 05.9
BJJ	Beijing	84.22	315	pP		pP		00 49 04.5 +0.2
BJJ	Beijing	84.22	315	pP		pP		00 51 08.0 +0.9
BJJ	Beijing	84.22	315	pP		pP		00 58 33.0 0.0
BJJ	Beijing	84.22	315	pP		pP		00 58 33.0 0.0
BJJ	Beijing	84.22	315	pP		pP		00 58 33.0 0.0
O28M	Mount Upton	84.23	18	P		P		00 49 04.2 0.0
Q16A	Castle Valley	84.27	46	I	Amb	I	Amb	00 49 08.3
HARP	HARP	84.28	15	P		P		00 49 05.0 +0.9
LYN	LuoYang	84.28	309	pP		pP		00 49 06.5 +1.7
LYN	LuoYang	84.28	309	pP		pP		00 51 11.8 +3.4
LYN	LuoYang	84.28	309	pP		pP		00 52 08.0 +1.1

LYN	LYN	SKS	SKS	SKS	SKS	SKS	SKS	00 58 32.0 -1.7
LYN	LYN	S	S	S	S	S	S	00 58 44.5 +1.5
LYN	LYN	S	S	S	S	S	S	00 58 44.5 +1.5
LYN	LYN	S	S	S	S	S	S	00 58 44.5 +1.5
LYN	LYN	S	S	S	S	S	S	00 58 44.5 +1.5
PLID	Pearl Lake	84.29	39	P		P		00 49 04.8 -0.1
PLID	Pearl Lake	84.29	39	I	Amb	I	Amb	00 49 07.1
H18K	Honchoa River	84.30	8	P		P		00 49 04.2 0.0
O29M	Mount Kennedy	84.33	19	P		P		00 49 04.9 +0.3
RND	Reindeer	84.33	13	I	Amb	I	Amb	00 49 06.1
RND	Reindeer	84.33	13	P		P		00 49 04.3 -0.1
G17K	Kiwaliik Mounta	84.35	7	P		P		00 49 04.9 +0.5
PLHC	Pleasant Camp	84.35	20	P		P		00 49 04.9 +0.4
DHY	Denali Highway	84.35	13	I	Amb	I	Amb	00 49 06.4
DHY	Denali Highway	84.35	13	P		P		00 49 03.4 -1.2
TMUT	Trail Mountain	84.42	46	I	Amb	I	Amb	00 49 08.9
ELID	Hailey	84.46	41	I	Amb	I	Amb	00 49 08.6
HPD	El Paso	84.46	54	I	Amb	I	Amb	00 49 09.1
C09A	Chrisman Ranch	84.48	36	I	Amb	I	Amb	00 49 07.6
BPAW	Bear Paw Mtn.	84.52	12	P		P		00 49 04.7 -0.6
I20K	Naaghedeneel	84.55	10	I	Amb	I	Amb	00 49 07.6
I20K	Naaghedeneel	84.55	10	P		P		00 49 04.9 -0.4
HVU	Hansel Valley	84.59	43	I	Amb	I	Amb	00 49 09.0
MCK	McKinley	84.60	13	P		P		00 49 04.8 -0.8
MCK	McKinley	84.60	13	P		P		00 49 05.2 -0.5
P30M	Million Dollar	84.68	19	P		P		00 49 07.0 +0.8
T35M	Bob Quinn	84.69	24	P		P		00 49 06.8 +0.6
T35M	Bob Quinn	84.69	24	P		P		00 49 06.8 +0.6
SKAG	Skagway	84.69	20	I	Amb	I	Amb	00 49 06.3 0.0
SKAG	Skagway	84.69	20	P		P		00 49 06.3 +0.1
PAX	Paxson	84.70	14	P		P		00 49 05.5 -0.8
ENH	Enshi	84.74	304	P		P		00 49 07.1 0.0
YUK8	Steie Glacier	84.77	17	P		P		00 49 06.8 -0.1
SRU	San Rafael Swe	84.80	46	I	Amb	I	Amb	00 49 09.9
M26K	Nabesna, AK	84.82	16	I	Amb	I	Amb	00 49 09.0
M26K	Nabesna, AK	84.82	16	P		P		00 49 06.6 -0.2
P17A	Butcher Ranch,	84.83	46	P		P		00 49 08.5 +0.9
YUK6	Outpost Mounta	84.90	18	P		P		00 49 07.5 0.0
H19K	Roundabout Mou	84.93	9	I	Amb	I	Amb	00 51 16.9
H19K	Roundabout Mou	84.93	9	P		P		00 49 07.6 +0.5
G18K	Tagagawik	84.97	8	P		P		00 49 07.3 -0.1
YUK3	Moose Creek	84.97	17	P		P		00 49 07.4 -0.4
S34M	Telegraph Cree	85.02	23	I	Amb	I	Amb	00 49 10.3
S34M	Telegraph Cree	85.02	23	P		P		00 49 08.2 +0.5
HYT	Haines Junctio	85.06	19	P		P		00 49 08.2 +0.1
HYT	Haines Junctio	85.06	19	P		P		00 49 08.2 +0.1
M27K	Edge Creek, AK	85.07	16	I	Amb	I	Amb	00 49 10.1
M27K	Edge Creek, AK	85.07	16	P		P		00 49 08.4 +0.3
Y22D	IRIS PASSCAL I	85.13	52	P		P		00 49 08.9 -0.2
H20K	Anotilleega Mo	85.13	9	P		P		00 49 07.8 -0.4
YUK4	Talbot Ar	85.14	18	P		P		00 49 09.4 +0.8
JRQJ	Juriquilla Cam	85.15	67	I	Amb	I	Amb	00 49 13.0
GSI	Gurungstilloi	85.16	273	P		P		00 49 10.6 +1.0
TCUT	Toone Canyon	85.16	44	I	Amb	I	Amb	00 49 13.0
F17K	Baldwin Pennin	85.19	7	P		P		00 49 08.5 +0.1
VHRN	Van Horn	85.24	56	I	Amb	I	Amb	00 49 14.3
L26K	Log Cabin Wild	85.25	15	P		P		00 49 09.1 +0.2
HWUT	Hardware Ranch	85.30	44	P		P		00 49 10.3 +0.5
HWUT	Hardware Ranch	85.30	44	I	Amb	I	Amb	00 49 12.3
I21K	Tanana	85.32	11	I	Amb	I	Amb	00 49 10.9
I21K	Tanana	85.32	11	P		P		00 49 09.4 +0.3
P32M	Atlin	85.33	21	P		P		00 49 09.5 +0.1
N2AM	Nenana	85.34	12	P		P		00 49 08.5 -0.7
K24K	Donaly Dome	85.34	14	P		P		00 49 08.3 -1.0
MVCO	Mesa Verde	85.35	49	P		P		00 49 11.2 +1.0
Q32M	Nakina River	85.37	22	P		P		00 49 09.8 +0.1
NEW	Newport	85.38	36	P		P		00 49 10.6 +0.8
MLY	Manley	85.41	11	P		P		00 49 09.5 -0.1
G19K	Purcell Mounta	85.42	8	I	Amb	I	Amb	00 51 18.3
G19K	Purcell Mounta	85.42	8	P				

26D 0h

2018 SEP

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Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Scatter, Elevation Scatter, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Residual, Elevation Residual, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation.

26d 0h

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AUWHS, GC1S, EIDS, TW1H, etc.

2018 SEP

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MYLDM, DRV, SBUM, JNU, etc.

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Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like N15K, M15K, CNPM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KOLS, LANS, VYHS, etc.

AZER 26.01:03:14.0, 40.54N-51.71E, h44km, m13.2
ISC 26.01:03:09.4, 1.2, 40.68N-0.06, 52.07E, 0.07, h109km, 17km, n34, c246/67, 3C-1D, Turkmenistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GALA, NDR, GOBA, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AKTO, CZSB, ATAH, etc.

Table with columns: WRA, WB0, FITZ, etc. Includes stations like Warramunga Arr, Fitzroy Creek, etc.

MOS 26 02:52:15.71.2, 35.25N;26.47E, h63km, mb4.6/11, Error ellipse: s-maj=6.1km s-min=3.3km az=94.5
 NEIC 26 02:52:18.0.2.1, 35.40N;0.26;51E, 0.06, h63km, 6km, mb4.4/54, Error ellipse: s-maj=9.5km s-min=5.7km az=209.0
 ISK 26 02:52:17.6, 35.43N;26.55E, h73km, ML4.5/25
 HLW 26 02:52:17.8, 35.15N;26.80E, h34km, 23km, Md4.8, M14.7
 GII 26 02:52:18.0.0.7, 35.300N;0.004;26.818E, 0.001, h40km, mb4.8/3, Md4.8/3, Mw5.4, 8, confirmed

MED_RC 26 02:52:18.0.7.3, 35.31N;26.58E, h81km, 9km, MW4.5/7, Moment Tensor Solution, Nodal planes: s1:7, c1:0, Duration: 1s1
 Moment tensor: Scale: 1015Nm; Mir-1.94; 62; Mw=6.56; 57; Mw-4.62; 41; Mw-0.63; 43; Mw-3.21; 43; Mw-0.23; 30; Best double couple: Mc6.48000x1015
 NP1: 330.00000°, 883.00000°, 1.73.00000°. NP2: 330.00000°, 883.00000°, 1.2.00000°. Principal axes: T 7.4500, Plg3.0000°, Azm195.0000°; N -1.4800, Plg83.0000°, Azm77.0000°; P -5.5200, Plg6.0000°, Azm285.0000°; nstai refers to body waves. nstae refers to surface waves, cutoff=35s.

NIC 26 02:52:19.2, 35.05N;26.96E, h56km, 4km, M14.8/12
 ATH 26 02:52:19.7, 35.47N;26.53E, h52km, 4km, M14.4/12, Error ellipse: s-maj=4.6km s-min=1.9km az=145.0
 IDC 26 02:52:19.8.1.5, 35.54N;26.34E, h79km, 13km, mb4.0/20, mbmp4.2/28, MS3.2/5, Error ellipse: s-maj=14.6km s-min=10.5km az=134.0
 MCSM 26 02:52:19.2.0.6, 35.15N;26.6E, h65km, 7km, mb4.4, mb4.3, MLv4.4, Mw(mB)3.4

THE 26 02:52:20.2, 35.47N;26.53E, h54km, 2km, M14.2/18, Error ellipse: s-maj=2.7km s-min=0.4km az=148.0
 AFAD 26 02:52:21.0.0.0, 35.69N;26.73E, h43km, MW4.5
 PDG 26 02:52:21.6.0.4, 35.48N;26.51E, h22km, 11km, M14.8/10, Error ellipse: s-maj=1.2km s-min=1.1km az=90.0
 ISC 26 02:52:17.0.0.6, 35.38N;0.03;26.58E, 0.03, h60km, 6km, n561, 221/659, mb4.4/55, MS3.4/3, 66C-30D, Crete

Code	Station Name	Lat	Lon	Phase ID	Time	Res
		° N	° E		h m s	ISC
ZKR	Zakros	0.40	22.9	Pg	Pn	02 52 30.0 +1.9
ZKR	Zakros	0.40	22.9	S	Pn	02 52 29.9 +1.9
ZKR	Zakros	0.40	22.9	S	Sn	02 52 38.3 +2.3
ZKR	Zakros	0.40	22.9	P	Am	02 52 37.5
ZKR	Zakros	0.40	22.9	P	Am	02 52 37.7
ZKR	Zakros	0.40	22.9	P	Am	02 52 38.1 +2.1
ZKR	Zakros	0.40	22.9	P	Am	02 52 29.9 +1.9
ZKR	Zakros	0.40	22.9	P	Am	02 52 37.2 +1.3
ZKR	Zakros	0.40	22.9	P	Am	02 52 38.7
ZKR	Zakros	0.40	22.9	P	Am	02 52 38.8
KARP	Karpathos	0.50	70	Pg	Pn	02 52 31.5 +2.5
KARP	Karpathos	0.50	70	Sg	Pn	02 52 41.3 +3.5
KARP	Karpathos	0.50	70	S	Pn	02 52 31.7 +2.6
KARP	Karpathos	0.50	70	S	Pn	02 52 40.4 +2.6
KARP	Karpathos	0.50	70	P	Pn	02 52 30.8 +1.8
KARP	Karpathos	0.50	70	P	Pn	02 52 40.7 +2.9
KARP	Karpathos	0.50	70	P	Pn	02 52 31.6 +2.6
KARP	Karpathos	0.50	70	P	Pn	02 52 40.7 +2.9
KARP	Karpathos	0.50	70	P	Pn	02 52 41.8
KARP	Karpathos	0.50	70	P	Pn	02 52 42.1
KARP	Karpathos	0.50	70	P	Pn	02 52 31.6 +2.5
KARP	Karpathos	0.50	70	P	Pn	02 52 39.2 +1.4
KARP	Karpathos	0.50	70	P	Pn	02 52 42.2
KARP	Karpathos	0.50	70	P	Pn	02 52 42.5
KARP	Karpathos	0.50	70	P	Pn	02 52 30.9 +1.9
IACM	Heraklion	1.24	26.7	P	Pn	02 52 40.2 +2.0
IACM	Heraklion	1.24	26.7	P	Pn	02 52 40.0 +2.3
IACM	Heraklion	1.24	26.7	P	Pn	02 52 40.0 +1.8
IACM	Heraklion	1.24	26.7	S	Pn	02 52 55.7 +1.7
IACM	Heraklion	1.24	26.7	S	Pn	02 53 09.2
IACM	Heraklion	1.24	26.7	S	Pn	02 53 11.7
NISR	Nisiros	1.31	20	P	Pn	02 52 40.4 +1.3
NISR	Nisiros	1.31	20	P	Pn	02 52 56.4 +0.8
NISR	Nisiros	1.31	20	P	Pn	02 52 40.4 +1.3
NISR	Nisiros	1.31	20	P	Pn	02 52 55.7 +0.1
NISR	Nisiros	1.31	20	P	Pn	02 52 57.7
NISR	Nisiros	1.31	20	P	Pn	02 52 58.1
SANT	Santorini	1.35	31.8	Pn	Pn	02 52 42.7 +3.0
IDI	Anoyia	1.39	26.7	Pn	Pn	02 52 41.9 +1.6
IDI	Anoyia	1.39	26.7	S	Pn	02 52 59.5 +1.8
IDI	Anoyia	1.39	26.7	S	Pn	02 52 41.9 +1.6
IDI	Anoyia	1.39	26.7	S	Pn	02 53 00.0 +2.3
IDI	Anoyia	1.39	26.7	Pn	Pn	02 52 41.5 +1.2
IDI	Anoyia	1.39	26.7	Pn	Pn	02 52 40.9 +3.2
IDI	Anoyia	1.39	26.7	Pn	Pn	02 52 41.8 +1.6
IDI	Anoyia	1.39	26.7	Pn	Pn	02 52 41.8 +1.5
IDI	Anoyia	1.39	26.7	Pn	Pn	02 52 59.4 +1.7
IDI	Anoyia	1.39	26.7	Pn	Pn	02 52 41.8 +1.5
IDI	Anoyia	1.39	26.7	Pn	Pn	02 52 58.5 +0.8
IDI	Anoyia	1.39	26.7	Pn	Pn	02 53 04.3
IDI	Anoyia	1.39	26.7	Pn	Pn	02 53 06.6
THRS	Santorini-Faro	1.40	31.5	P	Pn	02 52 41.8 +1.5
CMBO	Columbo, Santo	1.45	31.9	P	Pn	02 52 42.7 +1.7
CMBO	Columbo, Santo	1.45	31.9	P	Pn	02 52 59.7 +0.6
CMBO	Columbo, Santo	1.45	31.9	P	Pn	02 52 42.1 +1.1
SAP3	Santorini-Thir	1.46	31.7	P	Pn	02 52 40.5
SAP3	Santorini-Thir	1.46	31.7	P	Pn	02 52 42.5 +1.4
SAP3	Santorini-Thir	1.46	31.7	P	Pn	02 53 00.1 +0.9
SAP3	Santorini-Thir	1.46	31.7	P	Pn	02 52 42.7 +1.6
YAZI	Mula-Datša	1.48	28	P	Pn	02 52 59.1 +0.6
YAZI	Mula-Datša	1.48	28	P	Pn	02 52 59.1 +0.6
YAZI	Mula-Datša	1.48	28	P	Pn	02 53 01.0
YAZI	Mula-Datša	1.48	28	P	Pn	02 53 02.0
ARG	Arkhangelos	1.51	56	P	Pn	02 52 44.2 +2.4
ARG	Arkhangelos	1.51	56	P	Pn	02 53 02.8 +2.4
ARG	Arkhangelos	1.51	56	P	Pn	02 52 43.8 +2.0
ARG	Arkhangelos	1.51	56	P	Pn	02 52 44.0 +2.3
ARG	Arkhangelos	1.51	56	P	Pn	02 53 03.0 +2.6
ARG	Arkhangelos	1.51	56	P	Pn	02 53 05.5
ARG	Arkhangelos	1.51	56	P	Pn	02 53 10.1
ARG	Arkhangelos	1.51	56	P	Pn	02 52 44.1 +2.4
ARG	Arkhangelos	1.51	56	P	Pn	02 53 01.7 +1.3
ARG	Arkhangelos	1.51	56	P	Pn	02 53 05.8
ARG	Arkhangelos	1.51	56	P	Pn	02 53 05.9
TMBK	Timbaki Herakl	1.52	25.9	P	Pn	02 52 44.7 +2.7
TMBK	Timbaki Herakl	1.52	25.9	P	Pn	02 53 03.5 +2.8
TMBK	Timbaki Herakl	1.52	25.9	P	Pn	02 52 44.9 +2.9
DAT	Datca	1.57	31	Pn	Pn	02 52 44.1 +1.5
DAT	Datca	1.57	31	Pn	Pn	02 53 03.9 +1.8
DAT	Datca	1.57	31	Pn	Pn	02 52 44.5 +1.7
DAT	Datca	1.57	31	Pn	Pn	02 53 03.4 +1.3
KLNA	Kalymnos	1.60	11	P	Pn	02 52 44.2 +1.1
KLNA	Kalymnos	1.60	11	P	Pn	02 53 02.3 +0.5
KLNA	Kalymnos	1.60	11	P	Pn	02 53 05.7
BODT	Bodrum	1.78	19	Pn	Pn	02 52 46.9 +1.4
BODT	Bodrum	1.78	19	Pn	Pn	02 53 08.4 +1.3
BODT	Bodrum	1.78	19	Pn	Pn	02 52 47.0 +1.4
BODT	Bodrum	1.78	19	Pn	Pn	02 53 06.3 +0.7
BODT	Bodrum	1.78	19	Pn	Pn	02 53 10.0
BODT	Bodrum	1.78	19	Pn	Pn	02 52 46.9 +1.4

Code	Station Name	Lat	Lon	Phase ID	Time	Res
		° N	° E		h m s	ISC
BODT	Bodrum	1.78	19	Pn	Pn	02 53 08.2 +1.1
BODT	Bodrum	1.78	19	Pn	Pn	02 52 47.2 +1.1
BODT	Bodrum	1.78	19	Pn	Pn	02 53 06.0 +2.1
BODT	Bodrum	1.78	19	Pn	Pn	02 53 11.0
BODT	Bodrum	1.78	19	Pn	Pn	02 52 48.6 +1.9
BODT	Bodrum	1.78	19	Pn	Pn	02 52 48.8 +2.1
BODT	Bodrum	1.78	19	Pn	Pn	02 53 09.4 +0.2
BODT	Bodrum	1.78	19	Pn	Pn	02 53 11.0
BODT	Bodrum	1.78	19	Pn	Pn	02 53 12.0
BODT	Bodrum	1.78	19	Pn	Pn	02 52 48.2 +1.2
BODT	Bodrum	1.78	19	Pn	Pn	02 53 10.0 +0.2
BODT	Bodrum	1.78	19	Pn	Pn	02 52 48.3 +1.2
BODT	Bodrum	1.78	19	Pn	Pn	02 53 10.0 +0.2
BODT	Bodrum	1.78	19	Pn	Pn	02 52 48.3 +1.3
BODT	Bodrum	1.78	19	Pn	Pn	02 53 10.3 +0.5
BODT	Bodrum	1.78	19	Pn	Pn	02 52 48.2 +1.2
BODT	Bodrum	1.78	19	Pn	Pn	02 52 48.1 +1.1
BODT	Bodrum	1.78	19	Pn	Pn	02 52 48.4 +1.3
BODT	Bodrum	1.78	19	Pn	Pn	02 53 09.3 +0.5
BODT	Bodrum	1.78	19	Pn	Pn	02 53 10.8
BODT	Bodrum	1.78	19	Pn	Pn	02 53 11.8
BODT	Bodrum	1.78	19	Pn	Pn	02 52 48.1 +1.2
BODT	Bodrum	1.78	19	Pn	Pn	02 52 49.8 +2.2
BODT	Bodrum	1.78	19	Pn	Pn	02 53 09.7 +1.1
BODT	Bodrum	1.78	19	Pn	Pn	02 53 13.0
BODT	Bodrum	1.78	19	Pn	Pn	02 52 51.4 +1.9
BODT	Bodrum	1.78	19	Pn	Pn	02 53 14.6 +0.2
BODT	Bodrum	1.78	19	Pn	Pn	02 53 20.0
BODT	Bodrum	1.78	19	Pn	Pn	02 53 21.1
BODT	Bodrum	1.78	19	Pn	Pn	02 52 52.1 +2.0
BODT	Bodrum	1.78	19	Pn	Pn	02 52 52.1 +2.0
BODT	Bodrum	1.78	19	Pn	Pn	02 53 17.8 +2.5
BODT	Bodrum	1.78	19	Pn	Pn	02 52 52.5 +2.4
BODT	Bodrum	1.78	19	Pn	Pn	02 53 16.2 +1.0
BODT	Bodrum	1.78	19	Pn	Pn	02 53 23.9
BODT	Bodrum	1.78	19	Pn	Pn	02 53 25.3
BODT	Bodrum	1.78	19	Pn	Pn	02 52 52.4 +2.2
BODT	Bodrum	1.78	19	Pn	Pn	02 52 51.9 +1.7
BODT	Bodrum	1.78	19	Pn	Pn	02 52 53.9 +2.7
BODT	Bodrum	1.78	19	Pn	Pn	02 53 15.6 0.0
BODT	Bodrum	1.78	19	Pn	Pn	02 53 21.1
BODT	Bodrum	1.78	19	Pn	Pn	02 53 22.8
BODT	Bodrum	1.78	19	Pn	Pn	02 52 51.2 +0.8
BODT	Bodrum	1.78	19	Pn	Pn	02 52 52.3 +1.9
BODT	Bodrum	1.78	19	Pn	Pn	02 52 51.9 +1.7
BODT	Bodrum	1.78	19	Pn	Pn	02 52 53.9 +2.7
BODT	Bodrum	1.78	19	Pn	Pn	02 53 15.6 0.0
BODT	Bodrum	1.78	19	Pn	Pn	02 53 21.1
BODT	Bodrum	1.78	19	Pn	Pn	02 52 51.9 +1.7
BODT	Bodrum	1.78	19	Pn	Pn	02 52 53.9 +2.7
BODT	Bodrum	1.78	19	Pn	Pn	02 53 15.6 0.0
BODT	Bodrum	1.78	19	Pn	Pn	02 53 21.1
BODT	Bodrum	1.78	19	Pn	Pn	02 52 51.9 +1.7
BODT	Bodrum	1.78	19	Pn	Pn	02 52 53.9 +2.7
BODT	Bodrum	1.78	19	Pn	Pn	02 53 15.6 0.0
BODT	Bodrum	1.78	19	Pn	Pn	02 53 21.1
BODT	Bodrum	1.78	19	Pn	Pn	02 52 51.9 +1.7
BODT	Bodrum	1.78	19	Pn	Pn	02 52 53.9 +2.7
BODT	Bodrum	1.78	19	Pn	Pn	02 53 15.6 0.0
BODT	Bodrum	1.78	19	Pn	Pn	02 53 21.1
BODT	Bodrum	1.78	19	Pn	Pn	02 52 51.9 +1.7
BODT	Bodrum	1.78	19	Pn	Pn	02 52 53.9 +2.7
BODT	Bodrum	1.78	19	Pn	Pn	02 53 15.6 0.0
BODT	Bodrum	1.78	19	Pn	Pn	02 53 21.1
BODT	Bodrum	1.78	19	Pn	Pn	02 52 51.9 +1.7
BODT	Bodrum	1.78	19	Pn	Pn	02 52 53.9 +2.7
BODT	Bodrum	1.78	19	Pn	Pn	02 53 15.6 0.0
BODT	Bodrum	1.78	19	Pn	Pn	02 53 21.1
BODT	Bodrum	1.78	19	Pn	Pn	02 52 51.9 +1.7
BODT	Bodrum	1.78	19	Pn	Pn	02 52 53.9 +2.7
BODT	Bodrum	1.78	19	Pn	Pn	02 53 15.6 0.

26d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAKZ Makanchi, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

IDC 26 03:53:56.1s 1.6, 3.5, 11N, 25.27E, h0km, mb3.6/4, mbtp3.6/4, Error ellipse: s-maj=60.7km s-min=26.8km az=135.0

THE 26 03:54:03.5, 34.81N, 25.56E, h12km, 2km, ML2.7/2, Error ellipse: s-maj=3.2km s-min=0.5km az=8.0

ATH 26 03:54:04.6, 34.93N, 25.56E, h15km, 4km, ML2.7/2, Error ellipse: s-maj=3.1km s-min=1.3km az=2.0

ISC 26 03:54:01.1-2.1, 34.7N, 0.1-25.62E, 0.04, h28km, 15km, n12, s1520/16, mb3.4/4, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZKR Zakros, TMBK Timbaki Herakli, ANOY Anoyia, etc.

NEIC 26 04:08:37.8s 1.3, 24.8S, 0.1, 175.3W, 0.1, h10km, 1km, mb4.6/18, Error ellipse: s-maj=17.7km s-min=15.7km az=168.0

IDC 26 04:08:38.9, 0.7, 24.58S, 175.95W, h0km, mb4.1/9, mbtp4.1/9, MS3.4/7, Error ellipse: s-maj=28.1km s-min=21.4km az=147.0

ISC 26 04:08:40.1-0.5, 24.63S, 0.09, 175.46W, 0.08, h19km, n49, s1274/15, mb4.5/20, MS3.4/4, SC, South of Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, AFI Afiamalu, RAR Rarotonga, etc.

2018 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA3 Neumayer Olymp, J05D Fort Rock, VNA2 Neumayer-Watz, etc.

NEIC 26 04:10:35.7s 1.8, 69.08N, 0.01, 146.6W, 0.1, h10km, 2km, ML3.3/8, Error ellipse: s-maj=6.4km s-min=3.2km az=105.0, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like D25K Kavik River, D24K Happy Valley, D24K Franklin Bluff, etc.

AEIC 26 04:10:55.6s 1.8, 69.55N, 0.04, 144.51W, 0.06, h18km, 4km, ML3.4, ML3.5/11(NEIC), Error ellipse: s-maj=5.5km s-min=2.5km az=203.0

NEIC 26 04:10:55.8s 1.0, 69.51N, 0.03, 144.52W, 0.04, h12km, 3km, Error ellipse: s-maj=3.6km s-min=2.0km az=172.0

ISC 26 04:10:55.8, 0.9, 69.55N, 0.03, 144.52W, 0.02, h11km, gkm, n227, s1946/229, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like C27K Jago River, C27K Jago River, C27K Jago River, etc.

1646

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like C26K Kavik River, D25K Kavik River, D25K Kavik River, etc.

Table with columns: PRP, comp, IAML, P, Pn, Time, Res. Includes entries like Porcupine Dome, Whitestone, Yukon River, etc.

Table with columns: DAWY, J30M, DOT, C18K, BPAW, B18K, H19K, MCK, I20K, E18K, K29M, F18K, RND, CHUM, G18K, KTH, L26K, J20K, BCAR, DHY, L27K, PAX, MAYO, H18K, L29M, F17K, J19K, C36M, M26K, K20K, M27K, PPLA, G17K, H17K, M29M, C16K, M30M, YUK2, YUK3, G16K, L20K, SKT, M20K, YUK4, STLK, N30M, L18K, Code, Station Name, Az, Phase ID, Time, Res. Includes entries like Dawson, Hart Rupine, Utukok River, etc.

Table with columns: ERM, INCN, PETK, GSPA, BELA, H23K, SNA, SNA, VNA3, VNA2, ARCES, Code, Station Name, Az, Phase ID, Time, Res. Includes entries like Erimo, Petropavlovsk, South Pole Qui, etc.

JMA 26 04:33:26.71.0.45 N, 150.5 E, h30km, MV4.8/12, KURILE ISLANDS REGION, NIED 26 04:33:26.7, 44.86N, 150.10E, h30km, MW4.4, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm, Mr:1.48, Mb:0.00, Ms:1.49, Mw:3.29, Mv:2.18, Mw:2.83, Fault plane solution: Ms:4.950000x10^15, Np1:phi:52.000000, delta:0.000000, lambda:104.000000, Np2:phi:184.000000, delta:0.000000, lambda:3.000000, MOS 26 04:33:26.1.1.44.70N:149.99E, h41km, mb5.0/15 Error ellipse: s-maj=7.7km s-min=6.5km az=93.9, SKHL 26 04:33:29.3:0.7, 44.70N:150.00E, h50km, 7km, mb5.1/5, IDC 26 04:33:30.5:0.4, 44.37N:149.94E, h43km, 3km, mb4.0/24, mbmp4.2/28, ML3.7/4, MS3.9/37, Error ellipse: s-maj=13.1km s-min=10.9km az=131.0, NEIC 26 04:33:31.5:0.8, 44.71N:0.1:149.9E:0.1, h49km, 5km, mb4.6/127, Error ellipse: s-maj=18.5km s-min=13.8km az=156.0, ISC 26 04:33:30.7:0.5, 44.70N:0.05:149.95E:0.05, h50km, 4km, h50km:pp-P, n273, phi:33/252, mb4.6/110, MS4.0/31.5C, Kuril Islands

NOU 26 04:23:42.9, 14.70S:170.57E, h0km, mb3.3/10, Vanuatu Islands Region, NEIC 26 04:24:04.7:1.1, 15.18S:0.1:168.4E:0.1, h159km, 9km, mb4.3/16, Error ellipse: s-maj=26.0km s-min=4.6km az=129.0, IDC 26 04:24:07.7:1.1, 16.21S:167.98E, h158km, 52km, mb3.8/3, mbmp4.3/3, Error ellipse: s-maj=64.1km s-min=29.6km az=28.0, ISC 26 04:24:09.5:0.9, 15.8S:0.1:168.1E:0.2, h200km, n35, phi:131/27, mb4.1/12, 4C, Vanuatu Islands

Table with columns: MODS, KHC, CKRC, GERES, CONA, RONA, BMOA, BIOA, TX31, TXAR, TXAR, SOKA, LESA, KBA, WATA, WTTA, RETA, MOTA, ABTA, DAVA, DAVA, MMAI, PPT, EIL, MDT, GQSA, H03N2, H03N3, H03N1, BDFB, SNAA, SNAA, PLCA, PLCA, CPUP, CPUP. Includes station names, frequencies, and various codes.

NOU 26 04:55:05.6, 19:335:169:17E, h0km, MLV4.4/13, Vanuatu Islands
IDC 26 04:55:08.6, 4.1, 19:25S:169:09E, h107km, 35km, mb3.6/8, mbtm3.9/9, Error ellipse: s-maj=30.5km s-min=28.0km az=133.0

NEIC 26 04:55:09.8, 1.4, 19:45S:01:169:1E, 0.1, h107km, 8km, mb4.5/44, Error ellipse: s-maj=16.6km s-min=13.3km az=128.0

ISC 26 04:55:08.8, 0.5, 19:36S:00:5:169:10E, 0.09, h104km, n82, o084/82, mb4.5/31, 4C, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like DVP, LIFNC, MARNC, YATNC, PINNC, VLAKA, DZM, PMSA, VNA2, SNAA, SNAA, TROLL, GO10, GO09, TRQA, PLCA, CPUP, CPUP, ADK, N15K, M14K, KDAK, P18K, Q19K, SY1, O18K, M16K, N17K, K15K, M17K, L18K.

Main table with columns: L18K, J16K, L19K, J17K, O02D, J18K, S0NM, K20K, HJMO, J20K, PFO, TROLL, N25K, DSP, GLB, NVAR, NVAR, SNA, SNA, SNA, J05D, J05D, GWY, KVN, F19K, F19K, IMAR, VNA3, TPNV, VNA2, ILAR, PRN, PRN, J08A, J08A, TXAR, Lajitas Arr, ARCAS, ARCAS, CONA, GERES, ARSA, MOA, MOA, SOKA, LESA, FETA, FETA. Includes station names, frequencies, and various codes.

NEIC 26 05:28:46.1, 1.7, 55:4S:01:31:3W, 0.2, h10km, 16km, mb4.5/14, Error ellipse: s-maj=24.3km s-min=15.6km az=50.0

IDC 26 05:28:53.2, 8.6, 55:36S:31:64W, h50km, 86km, mb3.6/5, mbtm3.9/5, MS3.6/7, Error ellipse: s-maj=46.4km s-min=23.6km az=58.0

ISC 26 05:28:47.1, 0.7, 55:2S:01:31:4W, 0.1, h10km, n42, o1944/33, mb4.3/9, MS3.7/6, South Georgia island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like HOPE, VNA1, VNA3, PMSA, PMSA, VNA2, SNA, SNA, TROLL, GO10, GO09, TRQA, PLCA, CPUP, CPUP, ADK, N15K, M14K, KDAK, P18K, Q19K, SY1, O18K, M16K, N17K, K15K, M17K, L18K.

Table with columns: SAML, BOAV, TORD, MBAR, KMBO, PMOZ, FEIG, MDT, DAWY, H29M, C22M, BCAR, E29M, ILAR. Includes station names, frequencies, and various codes.

IDC 26 05:34:26.2, 2.8, 9:02N:123:22E, h0km, mb3.7/4, mbtm3.7/4, MS3.0/2, Error ellipse: s-maj=347.6km s-min=21.8km az=64.0, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like KAPI, GUMO, WRA, ASAR, MKAR, KURBB.

NEIC 26 05:35:32.1, 1.8, 8:20AS:01:177:6W, 0.1, h472km, 7km, mb4.4/56, Error ellipse: s-maj=17.5km s-min=15.0km az=136.0

NOU 26 05:35:34.2, 20:60S:177:53W, h487km, mb4.5/15, Fiji Islands Region

IDC 26 05:35:34.2, 1.3, 20:41S:177:70W, h503km, 13km, mb3.7/12, mbtm4.6/15, Error ellipse: s-maj=14.5km s-min=12.7km az=144.0

ISC 26 05:35:34.1, 0.4, 20:37S:00:7:177:68W, 0.06, h500km, n127, o1920/120, mb4.5/54, 5C, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Lists various stations like MSVF, MSVF, NIUE, NIUE, NIUE, NIUE, AFI, AFI, RAO, RAO, RAO, RAO, PINNC, YATNC, DZM, DZM, DZM, DZM, NOUC, KOUNC, URZ, URZ, BKZ, BFZ, MRZ, MRZ, HOWZ, OWGZ, DUWZ, TCW, QRZ, QRZ, NNZ, MRNZ, THZ, DSZ, KHZ, KHZ, LTZ, OXF, RPZ, RPZ, JCZ, EIDS, ARMA, ARMA, ARMA, ARMA, COEN, COEN, STKA, STKA, BBOO, WRO, WRO, AS31, AS31, ASAR, ASAR, ASAR, ASAR, WBO, WBO, WBO, WBO, WRA, WRA, WRA, WRA.

ILAR Eielson Array 85.31 13 P P 07 25 56.5 +0.1
TXAR Lajitas Array 86.13 58 P P 07 26 01.7 +0.4
PDAR Pinedale Array 87.24 44 P P 07 26 05.8 -0.6

NEIC 26 07:37:17.2, 0.4, 36; 148N:0.004-98; 30W:0.02, h5km, 1km, Error ellipse: s-maj=2.9km s-min=2.4km az=203.0
NEIC 26 07:37:17.3, 0.4, 36; 16N:0.011-98; 29W:0.02, h5km, 4km, mb_L2.5/37, ML2.9/55, ML3.0, Error ellipse: s-maj=2.2km s-min=1.7km az=70.0, Oklahoma

Code Station Name Az Phase ID Time Res
CROK Carrier 0.43 35 Op Pn 07 27 26.1 +0.5
CROK comp=N,2um,0.2s IAML Sg 07 27 32.8
CROK comp=E,2um,0.1s IAML Pg 07 27 37.1 +0.4
OK038 West end E0370 0.49 312 IAML Pg 07 27 27.0 +0.4

GUC 26 07:41:19.4, 0.7, 22; 60S:68.98W, h128km, 5km, ML3.6
VAO 26 07:41:20.3, 0.9, 22; 38S:69.92W, h108km, 8km, mb4.0
ISC 26 07:41:19.5, 1.0, 22; 55S:0.05-69; 00W:0.06, h120km, 8km, n21, c137/25, 1C-1D, Northern Chile

Code Station Name Az Phase ID Time Res
LVC Limon Verde 0.10 127 Op Pn 07 41 36.2 -0.2
LVC Limon Verde 0.10 127 eS Pn 07 41 47.5 -1.5
AF01 San Pedro de A 0.86 118 Op Pn 07 41 36.2 -0.2

PB14 IPOC Station P 2.44 212 eP Pn 07 41 59.0 +0.2
TA02 Huaiguiche 2.50 335 eP Pn 07 42 00.5 +1.1
GO02 Mina Guanaco 2.66 192 eP IAML Pn 07 42 01.6 -0.1

UCR 26 07:49:58.0, 1.2, 12; 64N:86.94W, h140km, 10km, MW3.5
CATAC 26 07:49:59.0, 0.6, 12; 47N:87.00W, h124km, 6km, ML2.6
ISC 26 07:49:59.7, 1.7, 12; 52N:0.06-86; 99W:0.06, h130km, 10km, n24, c138/32, Nicaragua

Code Station Name Az Phase ID Time Res
CRIN San Cristobal 0.19 340 eP Pn 07 50 17.5 -0.2
CNGN Cerro Negro 0.28 95 eP Pn 07 50 16.6 -1.3
CNGN CNGN IAML Sg 07 50 33.2 +1.7
CNGN comp=Z,330nm,1.0s IAML Sg 07 50 47.2
CNGN Cerro Negro 0.28 95 eP Pn 07 50 16.9 -1.0

IDC 26 07:50:44.6, 0.6, 44; 19N:83.51E, h0km, mb4.1/18, mbtmp4.1/25, ML3.8/7, MS3.7/44, Error ellipse: s-maj=10.5km s-min=8.2km az=62.0
MOS 26 07:50:45.4, 0.9, 44; 24N:83.63E, h17km, mb5.0/12, Error ellipse: s-maj=6.0km s-min=5.6km az=41.8
NEIC 26 07:50:46.8, 1.7, 44; 24N:0.05-83; 6E:0.1, h10km, 1km, mb4.7/30, Error ellipse: s-maj=12.8km s-min=8.9km

BUI 26 07:50:47.6, 0.0, 44; 25N:83.51E, h22km, mb4.4/27, mb4.7/9, ML4.7/11, MS4.2/16, MS7.3/9/17
NNC 26 07:50:48.6, 1.1, 44; 20N:83.33E, h0km, mb5.0, mpv4.7, Error ellipse: s-maj=10.5km s-min=4.1km az=129.0
SOME 26 07:50:50.1, 44; 20N:83.20E, h10km, MS4.4
ISC 26 07:50:46.8, 0.2, 44; 26N:0.02-83; 53E:0.02, h10km, n284, c250/280, mb4.7/65, MS3.8/43, 26C-25D, Northern Xinjiang

Code Station Name Az Phase ID Time Res
MK31 Makanchi Array 2.68 342 Pn Pn 07 51 31.9 +1.8
MK31 Makanchi Array 2.68 342 Pn Pn 07 51 32.3 +2.2
MK31 128nm, 0.3s, baz=165, slow=17, SNR=60 Pn Pn 07 51 38.3 +3.5
MK31 1um, 0.4s, baz=157, slow=30, SNR=16 Pn Pn 07 51 32.5 +1.5

KAPS Kapalarasan 3.14 291 eP Pb 07 51 45.2 +2.4
KAPS comp=Z,97nm,0.5s eS Sb 07 52 25.2 +4.0
KAPS comp=Z,1um,0.3s 3.14 291 Pg Pb 07 51 45.2 +2.4

UCR 26 07:49:58.0, 1.2, 12; 64N:86.94W, h140km, 10km, MW3.5
CATAC 26 07:49:59.0, 0.6, 12; 47N:87.00W, h124km, 6km, ML2.6
ISC 26 07:49:59.7, 1.7, 12; 52N:0.06-86; 99W:0.06, h130km, 10km, n24, c138/32, Nicaragua

Code Station Name Az Phase ID Time Res
KAPS Kapalarasan 3.14 291 eP Pb 07 51 45.2 +2.4
KAPS comp=Z,97nm,0.5s eS Sb 07 52 25.2 +4.0
KAPS comp=Z,1um,0.3s 3.14 291 Pg Pb 07 51 45.2 +2.4
SHLS Shalkode 3.15 251 eP Pn 07 51 38.0 +1.5
SHLS comp=Z,796nm,0.4s eS Sg 07 52 13.9 -0.3

26d 9h

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes stations like KAIM Kayak Island, PLKS Peulik 5, RDSO Redoubt South, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes stations like RKAV Rock Avalanche, VRDI Verde Repeater, SKT Skwentna, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes stations like L14K Kuka Creek, COLA Cola, J17K VABM Dome, etc.

Technical notes and parameters including: BUI 26 09:27.35.8.0.0, 1.04S: 133.58E, h23km, mb5.3/77, mB5.4/37, Ms4.7/30, Ms7.4/434, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes stations like SWI Sorong, FAKI Fak Fak, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like MRSI Marisa, APSI Ampana, BBSI Bau Bau, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like KSM comp=Z,76nm,0.8s, KSM Kuching, SMRI Semarang, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like GSI Gunungsitoli, WHN Wuhan, SLVN Son La, etc.

26d 9h

Table with columns for station code, name, coordinates, and various signal quality metrics (P, S, Pmax, etc.) for stations like Beijing, Changchun, Lanzhou, etc.

2018 SEP

Table with columns for station code, name, coordinates, and various signal quality metrics for stations like Ulanbaatar, Songino Array, Raoul Island, etc.

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Table with columns for station code, name, coordinates, and various signal quality metrics for stations like Zhinshike, Kashy, Nilore, etc.

2018 SEP															26d 9h								
P08K	Saint George I	73.15	29	P	P	09 39 08.1	-0.6	FAQ	79.16	28	P	P	09 39 43.7	+0.1	P19K	Oil Pt	82.29	29	P	P	09 39 59.9	+0.2	
UNV	Unalaska Valle	73.45	32	P	P	09 39 09.9	-0.7	N15K	Kwethluk River	79.16	28	I	Amb	09 39 43.8	+0.9	M19K	Big River Lodg	82.34	27	P	P	09 40 00.1	+0.2
NGCH	Negot - Chabah	74.24	29	P	P	09 39 17.2	+1.4	K15K	Wolf Creek Mou	79.31	26	P	P	09 40 00.2		J19K	Poorman	82.41	25	P	P	09 40 01.1	+0.9
BVAO	Borovey Array	74.63	326	i	P	09 39 18.1	+0.6	K15K	Wolf Creek Mou	79.31	26	P	P	09 39 44.3	+0.7	Q20K	Shuyak Island	82.45	31	P	P	09 40 00.7	+0.2
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	UMZA	Um Al Zomool	79.36	293	P	P	09 39 44.8	+0.1	SYI	Shuyak Island	82.46	31	I	Amb	10 09 57.5	
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	ASUD	Al Ashush, Dub	79.38	295	P	P	09 39 45.5	+0.6	F19K	Shalercuk Mo	82.47	22	P	P	09 40 01.0	+0.6
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	ASUD	Al Ashush, Dub	79.38	295	P	P	09 39 45.2	+0.4	G19K	Purcell MOUNTA	82.50	23	I	Amb	09 40 16.4	
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	G15K	Niulukuk	79.38	23	P	P	09 39 45.4	+1.4	H19K	Roundabout Mou	82.55	23	P	P	09 40 01.5	+0.7
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	F15K	North Star Dit	79.47	22	P	P	09 39 44.8	+0.3	A19K	Wainwright	82.58	18	P	P	09 40 01.4	+0.5
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	R16K	Pilot Point	79.52	31	P	P	09 39 45.2	+0.4	C19K	Lookout Ridge	82.64	19	I	Amb	09 40 04.4	
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	AJN	Ajban	79.69	295	P	P	09 39 47.4	+0.1	C19K	Lookout Ridge	82.64	19	P	P	09 40 02.0	+0.7
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	AB31	Akbulak array	79.74	320	P	P	09 39 45.5	-0.8	SLWR	Sila	82.64	294	P	P	09 40 02.1	-0.1
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	ABXAR	Akbulak array	79.74	320	P	P	09 39 47.4	+0.1	SLWR	Slope Mountain	82.70	29	P	P	09 40 02.0	-0.1
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	P16K	Nushagak River	79.78	29	P	P	09 39 47.0	+0.1	O20K	Slope Mountain	82.70	29	P	P	09 40 02.0	+0.2
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	RBK	Rabuk	79.84	288	P	P	09 39 47.6	+0.6	L20K	Farewell, AK	82.73	27	P	P	09 40 02.6	+0.6
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	R16K	Nishlik Lake	79.89	28	P	P	09 39 47.0	+0.1	E19K	Redstone River	82.88	21	P	P	09 40 03.7	+1.1
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	O16K	Kokwok River B	79.91	29	P	P	09 39 47.6	+0.6	K20K	Telida	82.89	26	I	Amb	09 40 06.8	
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	H16K	Elim	79.94	23	P	P	09 39 46.8	-0.2	K20K	Telida	82.89	26	P	P	09 40 03.5	+0.8
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	M16K	Timber Creek	79.98	27	P	P	09 39 46.8	+1.2	M20K	Styx River	82.91	27	I	Amb	09 40 24.3	
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	DOK	Doka	79.99	289	P	P	09 39 48.0	-0.2	M20K	Styx River	82.91	27	P	P	09 40 04.1	+1.1
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	L16K	Owhat River	79.99	26	P	P	09 39 48.4	+1.0	D19K	Kuna River	82.92	20	P	P	09 40 04.1	+1.3
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	CHIR	Chirikof Islan	80.03	33	P	P	09 39 47.4	-0.3	J20K	Nowinta River	83.08	25	P	P	09 40 04.4	+0.7
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	J16K	Arvik River	80.08	25	P	P	09 39 48.4	+0.6	I20K	Naagdeneel	83.12	24	I	Amb	09 40 35.0	
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	R17L	Mt. Peulik Vol	80.17	31	P	P	09 39 49.2	+0.7	I20K	Naagdeneel	83.12	24	P	P	09 40 04.8	+0.1
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	PLK4	Peuk 4	80.17	31	I	Amb	09 39 50.1		H20K	Anotieneega Mo	83.16	24	P	P	09 40 05.3	+1.2
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	PLK4	Peuk 4	80.17	31	I	Amb	09 39 50.1		N20K	Mount Spurr	83.17	28	P	P	09 40 04.2	-0.1
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	PLK4	Peuk 4	80.17	31	I	Amb	09 39 50.1		SPCR	Spu Chakacha	83.17	28	P	P	09 40 03.8	-0.5
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	PLK4	Peuk 4	80.17	31	I	Amb	09 39 50.1		CNPM	China Poot	83.25	30	I	Amb	09 40 06.2	
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	G16K	Koyuk River	80.20	23	P	P	09 39 48.4	0.0	F20K	Avaraat Lake	83.30	22	I	Amb	09 40 07.5	
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	I17K	Unalakleet	80.27	24	P	P	09 39 49.1	+0.3	F20K	Avaraat Lake	83.30	22	P	P	09 40 06.0	+1.2
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	WHFO	Wadi Hawi	80.28	288	P	P	09 39 49.5	-0.4	BRLK	Bradley Lake	83.48	30	I	Amb	09 40 07.6	
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	Q16K	King Salmon	80.33	30	P	P	09 39 49.6	+0.4	BRLK	Bradley Lake	83.48	30	I	Amb	10 10 53.2	
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	C16K	Lisburne Hills	80.38	19	P	P	09 39 49.3	0.0	SMRA	Abu-Samra	83.48	295	P	P	09 40 06.4	-0.2
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	O17K	Kolliganek Bris	80.45	29	P	P	09 39 50.8	+1.0	D20K	Etluvik River	83.51	20	P	P	09 40 06.8	+1.0
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	P17K	Kvichak River	80.59	29	P	P	09 39 51.0	+0.4	E20K	Nigu River	83.51	21	P	P	09 40 06.6	+0.7
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	Q17K	Contact Creek	80.59	30	P	P	09 39 50.6	-0.2	BRSE	Bradley Lake S	83.54	30	P	P	09 40 06.4	+0.2
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	N17K	Nushagak Hills	80.64	28	P	P	09 39 52.5	+1.6	SPLA	Purkeypyle	83.59	26	P	P	09 40 06.5	0.0
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	L17K	Donlin	80.66	26	P	P	09 39 51.4	+0.4	SKT	Skwentna	83.67	27	P	P	09 40 06.3	-0.4
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	ABTO	VABM Dome	80.69	288	P	P	09 39 51.9	-0.3	IMAR	Indian Mountai	83.75	23	P	P	09 40 07.3	+0.2
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	J17K	VABM Dome	80.76	25	P	P	09 39 52.4	+0.9	B20K	Meade River	83.75	19	P	P	09 40 08.1	+1.1
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	M17K	Holitna River	80.81	27	P	P	09 39 52.0	+0.3	CHUM	Lake Minchumin	83.78	25	P	P	09 40 08.5	+1.3
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	K17K	Iditarod	80.86	26	P	P	09 39 52.3	+0.3	SUA	Susitna One	83.92	28	I	Amb	09 40 10.6	
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	D17K	Noak River	80.89	20	P	P	09 39 52.8	+0.8	SUA	Susitna One	83.92	28	P	P	09 40 07.9	-0.2
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	G17K	Kiwialik MOUNTA	80.89	23	P	P	09 39 52.4	+0.3	G21K	Allakaket	83.99	23	P	P	09 40 09.7	+1.4
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	MZR	Muzera	80.93	293	P	P	09 39 53.4	+0.2	H21K	Melozitna River	84.03	24	I	Amb	09 40 11.1	
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	H17K	Granite MOUNTA	80.97	23	P	P	09 39 53.5	+0.9	H21K	Melozitna River	84.03	24	P	P	09 40 09.4	+0.9
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	SII	Sitkinak Islan	81.01	32	P	P	09 39 53.1	+0.1	F21K	Alatina River	84.19	22	P	P	09 40 10.2	+0.9
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	F17K	Baldwin Pennin	81.03	22	P	P	09 39 53.0	+0.2	O22K	Cooper Landing	84.20	29	P	P	09 40 10.1	+0.7
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	E17K	Hoatham Inlet	81.08	21	P	P	09 39 53.3	+0.2	I21K	Tanana	84.25	24	P	P	09 40 10.7	+1.1
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	RDOO	Red Dog Mine	81.10	20	P	P	09 39 54.0	+0.8	SEW	Seward	84.25	29	P	P	09 40 10.3	+0.6
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	R18K	Kariuk	81.13	31	P	P	09 39 53.7	+0.2	M22K	Willow	84.27	28	P	P	09 40 09.7	0.0
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	Q18K	Katmai Hardscr	81.14	30	P	P	09 39 53.7	-0.1	C21K	Knifblade Rid	84.28	20	P	P	09 40 09.5	+0.5
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	SVE	Sverdllovsk	81.18	328	eP	pmax	09 39 54.4	+0.6	KTH	Katishna Hill	84.31	26	I	Amb	09 40 12.3	
BVAR	Borovey Array	74.63	326	P	P	09 39 18.2	+0.6	SVE	Sverdllovsk	81.18	328	eP	pmax	09 39 54.4	+0.6	RC01	Rabbit Creek A	84.31	28	I	Amb	09 40 27.0	

26d 9h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Date, Time, and other parameters. Includes entries like G23K Bananza Creek, H23K Yukon River, etc.

2018 SEP

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Date, Time, and other parameters. Includes entries like ISLE comp=Z,239m,0.9s, C26K Camden Bay, G26K Porcupine Rive, etc.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Date, Time, and other parameters. Includes entries like WHY Whitehorse, G31M Satah River, G31M Satah River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like NANA, OTAVO, LVC, ITOB, TA01, TA02, CPUP, CPUP, CPUP, ROSC, CZSB, CZSB, LPAZ, LPAZ, LPAZ, LPAZ, TBIG, AODB, ETMB, ETMB, VILB, VILB, SAML, SAML, SAML, SALT, SALT, SALT, CLDB, CLDB, MCIA, MCIA, BOVA, BOVA, ITTB, SMTB.

IDC 26 09:29:40.1±1.3, 54.51N, 83.66E, h0km, mbmp3.5/2, ML2/0.2, Error ellipse: s-maj=13.1km s-min=8.2km az=13.0

NNC 26 09:29:46.5±1.1, 54.51N, 82.72E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=24.7km s-min=17.0km az=80.0, Suspected Mining explosion.

ISC 26 09:29:38.5±1.7, 54.6N, 0.1±83.51E, 0.07, h0km, n10, a187/13, 12C-2D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like I46RU, ZALV, ZALV, ZALV, KURK, KURK, KURK, KURK, KURB, KURB, KURB, KURB, KURB, KURB, MK31, MK31, MK31, MKAR, MKAR, BVAO, BVAO, BVAO, BVAR, BVAR, BVAR.

NEIC 26 09:32:23.6±0.5, 19.7N, 0.1±64.46W, 0.08, h35km, 2km, Md3/0.26, Md3.4/10 (RSPR), Error ellipse: s-maj=23.2km s-min=3.1km az=145.0

RSPR 26 09:32:25.4, 19.69N, 64.59W, h45km, 32km, Md3.4/10, ISC 26 09:32:22.0±2.6, 19.6N, 0.1±64.52W, 0.09, h27km, n39, a191/44, 8C-3D, Virgin Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like HUMP, HUMP, HUMP, HUMP, HUMP, GCPR, GCPR, PDRP, PDRP, PDRP, PDRP, EMPR, EMPR, EMPR, IGPR, IGPR, IGPR, IGPR, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, CELP, CELP, CELP, UUPR, UUPR, UUPR, UUPR, OBIP, OBIP, OBIP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like AGPR, LSP, LSP, LSP, MLPR, MLPR, MLPR, MLPR, MLPR, ANBD, ANBD, PCDR, PCDR, PCDR, SDDR, SDDR, SDDR.

ISK 26 09:48:43.6, 37.81N, 29.76E, h5km, ML3.2/41, IDC 26 09:48:44.4±1.2, 37.99N, 29.69E, h0km, mb3.6/4, mbmp3.7/8, ML3.1/2, Error ellipse: s-maj=26.8km s-min=17.8km az=145.0

AFAD 26 09:48:45.1±0.0, 37.81N, 29.75E, h7km, 6km, ML3.4, ISC 26 09:48:45.1±0.0, 37.84N, 0.02±29.76E, 0.02, h8km, 7km, n64, a1947/84, mkz3.5/4, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like INCE, INCE, BASM, BASM, BURDUR, BURDUR, BURDUR, APMY, APMY, AFYON, AFYON, KARAHALLI, KARAHALLI, KARAHALLI, PASA, PASA, PASA, ISPA, ISPA, AFYN, AFYN, BUCK, BUCK, BNAZ, BNAZ, BNAZ, SHUT, SHUT, CAMI, CAMI, AFYO, AFYO, AFYO, USAK, USAK, USAK, USAK, ELL, ELL, KULA, KULA, MANT, MANT, MANT, NAZL, NAZL, ANTB, ANTB, GEDZ, GEDZ, SHAP, SHAP, GDZ, GDZ, GDZ, KURO, KURO, FETY, FETY, DALY, DALY, YER, YER, SMAA, SMAA, BYAT, BYAT, BYAT, AYBD, AYBD, AKUM, AKUM, AKUM, AKAS, AKAS, AKAS, GORD, GORD, MLSB, MLSB, MRSB, MRSB, ANDZ, ANDZ, GOMA, GOMA, SEYD, SEYD, CIFT, CIFT, AKS, AKS, DST, DST, DAT, DAT, KONT, KONT, LADK, LADK, BODT, BODT, SVRH, SVRH, BLCB, BLCB, SRCK, SRCK, HDMB, HDMB, CAVI, CAVI, CHBY, CHBY, ADVT, ADVT, GULT, GULT, KXTX, KXTX, YLV, YLV, BRTR, BRTR, IDI, IDI, MMAI, MMAI, EIL, EIL, HFS, HFS, TORD, TORD.

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

IDC 26 09:49:44.6±3.0, 54.16N, 86.43E, h0km, mbtmp2.7/2, ML2/0.2, Error ellipse: s-maj=23.2km s-min=13.5km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like I46RU, I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR.

NNC 26 10:07:01.5±0.6, 51.59N, 75.83E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=29.6km s-min=3.5km az=27.0, Suspected Mining explosion.

IDC 26 10:07:02.2±1.0, 51.49N, 75.80E, h0km, mbtmp2.8/3, ML2/3.2, Error ellipse: s-maj=28.4km s-min=8.1km az=28.0

ISC 26 10:07:02.5±1.2, 51.49N, 0.2±75.6E, 0.02, h0km, n9, a067/11, 3C-4D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like KURBB, KURBB, KURK, KURK, BVAO, BVAO, BVAO, BVAO, BVAR, BVAR, BVAR, I46RU, I46RU, ZALV, ZALV, MK31, MK31, MK31, MKAR, MKAR, MKAR.

NEIC 26 10:15:47.8±1.2, 19.9S, 0.1±177.45W, 0.09, h514km, 9km, mb4.3/32, Error ellipse: s-maj=17.9km s-min=6.2km az=142.0

IDC 26 10:15:48.4±1.3, 20.44S, 177.76W, h484km, 12km, mb3.5/7, mbmp4.4/10, Error ellipse: s-maj=18.2km s-min=14.7km az=44.0

ISC 26 10:15:47.0±0.6, 20.09S, 0.08±177.56W, 0.08, h500km, n53, a1936/59, mb4.3/24, 4C, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like MSVF, MSVF, MSVF, FUTU, NIUE, NIUE, AF, PINNC, DZM, KOUNC, TOZ, URZ, URZ, URZ, EIDS, ARMA, ARMA, CTAO, PMG, TOO, TOO, TAU, COEN, COEN, STKA, STKA, BBOO, WR0, WR0, AS31, ASAR, ASAR, ASAR, ASAR, WB0, WB0, WB2, WRAB, WRAB, WRA, WRA, WRA, WRA, MTN, MTN.

26d 10h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like FORT, KNRA, FAKI, PSAO, SBA, MBWA, NWA0, MORW, CASY, QSPA, JOW, AMKA, BELA, ILAR, TROLL, SNA0, SNA1, VNA3, VNA2, CMAR, BRTR.

VAO 26 10:21:06.4, 0.3, 201.94S, 68.48W, h112km, mb4.5
SJA 26 10:21:06.7, 1.5, 21.08S, 69.55W, h100km, mb3.9/5,
NEIC 26 10:21:07.0, 1.4, 20.98S, 0.04-68.44W, 0.1, h115km, gkm,
mb4.4/17, ML4.4(GUC), Error ellipse: s-maj=13.6km
s-min=5.7km, az=82.0
IDC 26 10:21:07.2, 0.8, 21.10S, 68.21W, h114km, gkm, mb3.9/5,
mbmp4.3/11, Error ellipse: s-maj=21.2km s-min=8.6km
az=110.0
GUC 26 10:21:09.1, 0.7, 21.09S, 68.63W, h112km, gkm, ML4.3
ISC 26 10:21:06.2, 0.6, 21.05S, 68.68S, 68.59W, 0.04, h12km, 7km,
n150, s181/164, mb4.3/6, 3C, Chile-Bolivia border
region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like PB09, PX03, GO01, TA01, LVC, AF01, AP01, PB18, PB14, GO02, LPAZ, AC01, MSVF.

2018 SEP

Table with columns: SIV, Station Name, Az, El, P, Res, Time, Res. Includes stations like SAN IGNACIO, CO01, CO03, CO06, MURT, PTLB, VILB, VA06, AQDB, AQDB, SJPY, MT02, MT08, MT05, MT03, AMBA, AMBA, SAML, SAML, BO01, CZSB, CZSB, BO02, RPRD, H005, CRSM, PDRB, RODS, H03N1, H03N2, H03N3, H03N3, H03N3, H03N3, H03S1, H03S2, B102, B102, ALGR, PCMB, ITAB, ITAB, ARAG, ARAG, TBGT, TBGT, FRFB, TRQA, TRQA, GO06, BB19B, SNDB, NPGB, WERO, MACA, IMPB, RCLB, PLCA, PLCA, SPB, SPB, LL04, LL04, VAO, VAO, VAO, VAO, BDFB, BDFB, ITTB, PMNB, PARB, BSCB, SMTB, DIAM, JANB, SDBA, BOAV, SJMB, RIB01, MAN0, GUA01, CMC01, BELA, SNA0, SNA0, SNA0, DBIC, DBIC, GSPA, GSPA, TORD, TORD, K03D, K05D, BOS0, ASAR, WRA, MKAR, MKAR, IDC 26 10:31:26.6, 2.2, 19.60S, 177.81W, h564km, 24km, mb2.77, mbmp3.6/8, Error ellipse: s-maj=33.3km s-min=20.8km az=147.0, ISC 26 10:31:25.4, 0.9, 19.7S, 0.2x177.7W, 0.2, h550km, n8, 0.674/10, mb3.1/7, Fiji Islands region

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Table with columns: STKA, Station Name, Az, El, P, Res, Time, Res. Includes stations like ASAR, ASAR, WRA, WRA, QSPA, TXAR, TXAR, ILAR, PDAR, IDC 26 10:37:24.6, 5.1, 38.68N, 19.80E, h0km, mb4.0/4, mbmp4.0/6, MLO.9/1, Error ellipse: s-maj=89.8km s-min=28.4km az=68.0, ATH 26 10:37:33.5, 3.9, 16N, 20.58E, h7km, 1km, ML3.2/8, Error ellipse: s-maj=2.2km s-min=0.7km az=263.0, THE 26 10:37:33.8, 3.9, 18N, 20.58E, h0km, 1km, ML3.1/16, Error ellipse: s-maj=1.8km s-min=0.4km az=271.0, BEO 26 10:37:34.8, 0.7, 39.17N, 20.44E, h10km, 6km, ML3.1/6, ISC 26 10:37:33.5, 0.9, 39.16N, 0.01x20.58E, 0.02, h12km, 7km, n71, s1920/110, mb4.0/4, Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FNA Florina, OHR Ohrid, HRI Horiatits, VAY Valandovo, etc.

DC 26 11:27:30.4;421.0,51'44N;38'27E, h0km, Error ellipse: s-maj=225.4km s-min=109.6km az=2.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF, I46RU ZALESOVO INFRA.

IGIL 26 11:50:17.4, 36.81N; 12.52W, h2km, ML2.4

MDD 26 11:50:18.5; 1.1, 36.93N; 12.39W, h0km, Mb4.3/10, M_mb3.7/10, Error ellipse: s-maj=8.8km s-min=6.3km az=53.0

INMG 26 11:50:19.9; 1.2, 36.70N; 12.72W, h63km, gkm, ML2.6

CRMR 26 11:50:25.4, 36.44N; 11.89W, h50km, ML3.4

ISC 26 11:50:17.2; 2.5, 36.74N; 0.05; 12.5W; 0.1, h50km, n65, @152/97, 12C-2D, Azores-Cape S. Vincent Ridge

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations including PVFI Vila Bisbo, PPTO Sao Teotónio, MORF Marnelete, PMAFR Mafrá, MESJ Mesesjana, PCVE Castro Verde, PBDV Barranco-do-Ve, PVAQ Vaqueiros, PBEJ Beja, EVO Evora, PSBE So Bento, EGRO El Granado, PMTG Montargil, PESTR Estremoz, PBAR Barrancos.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EMIN Mina Concepcio, EBAD Badajoz, PMRV Marv??o, PCBR Castelo Branco, MTE Manteigas, ESPR Espera, PVIS Viseu, SRHM Skhour des Reh, ECAB El Cabril, ELOB Lobios, EADA Adamuz, EAGO Agolada/Pontev, EAGO San Pablo, EAZZ Mazarcos, ECAL Calabor, ECAL Calabor, ECAL Calabor, EAGO Agolada/Pontev, EAGO San Pablo, PAB Trinie Tigouga, MD31 MD31, OUMZ Ouz, ZGR Zagora.

STR 26 12:23:10.2; 0.3, 50'N; 3.3'W, h0km, Mlv3.6/5.0, preliminary, France

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations including HMNX Hermostoneux, ELSH Elham, LOUF Saint-Loup, LOUF Saint Aubin, SWNI Swindon, PLEF Pleven, DOU Dourbes, DYA Yadsworthy, ROSF Rostrenen, MCH1 Michaelchurch, LOCF Locquirec, RCHB Rochefort, MFF Saint Martin, LOR Lormes, CCA1 Carmenelles, OLIV Plomelin, CAMP Camaret-sur-Mer, AGO Agoulins, XAFF Xaffevillers, VERF Verneuil, ABH Albeuge, CIEL Dossenheim-sur-Ronne, RONF Ronchamp, BOUC Boucaux, ECH Echery, FRNF Fournols, MOF Molkenrain, CHMF Charmoille, COLF Collangeettes, LBL Lubilhac, BOUR Bourrignon, GIMEL St. Georges, OG35 Corcelles, ENDD Enderburg, KIZ Kizilirmak, TORNY Torny/Romont, FELD Feldberg im Sc, SSB Saint Sauveur, OGSM Saint Maurice, GRN Grenoble, LBL Lubilhac, REMY Saint-Rhmy-en-Orif, LRD Lago del Serru, RRL Rocca Remolon, TRAV Traverselles, OSSF Osse, BHB Bricherasio, ABE Arette, LASF Labassere, RUF Rustrel, SURF Saint-Ours, JAUF Jausiers, SALF Salau, CANF Canfran, ENAUX Enaux, ECHI Chisgaves Biel, KIZ Kizilirmak, CARF Carcanieres, ARTF Artigues, TRIGF Triganne, SPF crte de Spivo, GEOS Grotte di Boss, GOLF Grotte di Boss, PCP Piancastagn.

WEL 26 12:38:35.9; 0.5, 33'S; 4'17'9W; 1.1, h120km, M4.8/13, mbE5.3/6, ML4.8/13, MLv4.9/13, Mw(mb)4.8/6, Error ellipse: s-maj=0.0km s-min=0.0km az=108.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like G001 Chuzmiza.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations including GLKZ Green Lake, RAO Raoul Island, MXZ Matakaoa Point, PKZ Pakhiroa, HAZ Te Kaha, WIZ White Island, PUZ Puketiti, RUGZ Rukutimara Rang, RUGZ Tauwhareparea, WHRZ Whale Island, CNGZ Carnagh Statio, OPRZ Ohinepanea, MWZ Matawai, TGRZ Tauranga, MARZ Manawahe, WCZ Waipu Caves, URZ Urewera, RAGZ Rawiri, RIGZ Rimuhau, RIGZ Kaharoa, OUZ Omuruta, MUGZ Mupahua, TOZ Tahuroa Road, RTZ Ruatuhuna, SNGZ Shannon Statio, KNZ Kokohu, PKHZ Kaitia Peninsula, ALRZ Allen Road, MTHZ Maungataniwha, WHZ Waihua, KUTZ Kaahu Road, MRHZ Mataira, RAGZ Rangitikei, WATZ Wairara, BKZ Black Stump Farm, MCHZ McNeill Hill, CKHZ Cape Kidnapper, ARHZ Kawakea Forest, TMVZ North Tongariri, TMVZ Te Maari, ETVZ East Tongariri, TNVZ North Ngauruhoe, TNVZ Taurewa, SNVZ South Ngauruhoe, NGZ Ngauruhoe, KAHZ Kahurangi, KAHZ Tukino, TUVZ Tukino, KRHZ Kereru, KRHZ Kereru, WHVZ Whangaeu Hut, MOVZ Moawhango, MOVZ Moawhango, WNVZ Wahianoa, PKVZ Pokaka, PXZ Pawanui, WPHZ Waipukurua, WPHZ Waipukurua, TSZ Takapani Road, DVHZ Dannevirke, WAZ Wanganui, ANWZ Angora Road, ANWZ Angora Road, POWZ Post Office Ro, PRWZ Porir Road, BFZ Birch Farm, BFZ Birch Farm, TWZ Tintock, TIWZ Tintock, HOWZ Holdsworth Sta, HOWZ Holdsworth Sta, TMWZ Te Maipa, TMWZ Te Maipa, GMWZ Otaki Gorge, QGWZ Otaki Gorge, MSWZ Moikau Station, MSWZ Moikau Station, WEL Wellington, WEL Wellington, PLWZ Palliser, PLWZ Palliser, NFK Norfolk Island, NFK Norfolk Island.

DC 26 13:19:02.9; 782.0, 52'03N; 32'56E, h0km, Error ellipse: s-maj=389.7km s-min=112.9km az=32.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I43RU DUBNA INFRASON, I31KZ AKTYUBINSK INF, I46RU ZALESOVO INFRA.

DC 26 13:26:35.2; 3.4, 17'80S; 176.53W, h0km, mb3.9/3, mbmt3.9/3, Error ellipse: s-maj=181.8km s-min=50.6km az=148.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ARCES ARCES Array B.

SCB 26 13:43:47.5; 1.1, 17'85S; 69'29W, h144km, 16km, ML1.9/2, MW3.1, Error ellipse: s-maj=8.2km s-min=8.1km az=2.0

GUC 26 13:43:48.8; 0.5, 17'93S; 69'56W, h142km, gkm, ML2.8

ISC 26 13:43:45.2; 6, 17'84S; 0.08; 69.4W; 0.1, h160km, 18km, n14, @129/19, 1C, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PB18 Visiviri, AP01 Chacalluta, BB0D La Paz, Gloria, SOEJ Jaquaca, SOEJ Jaquaca, BBOE La Paz, Chanca, G001 Chuzmiza, G001 Chuzmiza.

26d 15h

Table with columns: Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like LPAZ La Paz, TA01 Diego Arancana, SOET ToroToro, etc.

AEIC 26 13:55:52.2:0.6,54:1N:0.2:165:1W:0.1, h72km,5km, Error ellipse: s-maj=24.6km s-min=4.6km az=152.0 NEIC 26 13:55:52.6:0.6,54:0N:0.2:165:1W:0.2, h75km,6km, ML2.6(AEIC), Error ellipse: s-maj=27.0km s-min=4.7km az=152.0, Fox Islands

Main table for 26d 15h section, listing station names, coordinates, and time residuals for various stations like AKSA, ZRO, WESP, etc.

IDC 26 14:18:51.1:2.4, 18:01N:61.42W, h0km, mb3.7/5, mbmp3.8/6, ML4.4/1, MS3.5/6, Error ellipse: s-maj=79.5km s-min=29.3km az=11.0 TRN 26 14:18:53.8, 17:70N:61.62W, h30km, MD4.1, East of

NEIC 26 14:18:56.6:1.6, 17:63N:0.09:61.67W:0.1, h35km,2km, mb4.0/3, Error ellipse: s-maj=17.9km s-min=7.8km az=211.0

IDC 26 14:18:51.3:2.0, 17:78N:0.06:61.53W:0.05, h8km,11km, n57, c129/61, mb3.9/7, MS4.2/3, Leeward Islands

Main table for 26d 15h section, listing station names, coordinates, and time residuals for various stations like ANWB, MBFL, SKI, etc.

2018 SEP

Table with columns: Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like ILAR Eielson Array, MBAR Mbarara, KMBO Kilima Mbogo, etc.

IDC 26 14:31:30.6:1.0, 54:97S:30.78W, h0km, mb3.8/5, mbmp3.8/5, MS3.6/6, Error ellipse: s-maj=48.2km s-min=22.8km az=66.0 NEIC 26 14:31:32.8:1.7, 55:06S:0.08:31.4W:0.2, h10km,1km, mb4.4/6, Error ellipse: s-maj=18.6km s-min=8.0km az=131.0

IDC 26 14:31:31.8:0.7, 55:15S:1.0:31.2W:0.1, h10km, n28, c0966/24, mb4.0/5, MS3.7/4, 4C, South Georgia Island region

Main table for 2018 SEP section, listing station names, coordinates, and time residuals for various stations like HOPE, VNA3, PMSA, etc.

NEIC 26 14:46:07.9:2.1, 17:73S:0.06:71.3W:0.1, h57km,17km, mb4.0/8, Error ellipse: s-maj=16.8km s-min=7.3km az=105.0

VAO 26 14:46:09.7:0.7, 17:34S:70.93W, h10km, mb4.3 IDC 26 14:46:14.0:2.9, 17:32S:70.77W, h8km,2.1km, mb3.8/7, mbmp4.1/1.0, MS3.5/3, Error ellipse: s-maj=33.0km s-min=11.9km az=107.0

IDC 26 14:46:08.3:0.7, 17:69S:0.05:71.22W:0.08, h56km, n64, c176/55, mb4.1/7, Near coast of Peru

Main table for 2018 SEP section, listing station names, coordinates, and time residuals for various stations like AP01, BCAR, I28M, etc.

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Table with columns: Station Name, Az, Az', Phase ID, Time Res, Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like ROSC El Rosal, PLCA Paso Flores, PMNB Patos De Minas, etc.

QSPA South Pole Qui 72.48 180 P P 14 57 29.9 +1.0 comp=Z:0.9nm,1.0s,baz=107,slow=1.5,SNR=5.3 comp=Z:1.0nm,1.0s

TORD Torodi Arr. Bea 78.20 72 P P 14 58 01.1 -1.4 comp=Z:1.7nm,0.5s,baz=261,slow=5.3,SNR=11 LR

TORD comp=Z:2.7nm,18.2s,baz=161,slow=36 comp=Z:1.7nm,0.5s

ESDC Sonseca Array 84.70 46 P P 14 58 36.3 -0.1 comp=Z:1.3nm,0.8s,baz=256,slow=5.2,SNR=6.9

SFJD Kangerlussuaq 85.81 8 LR LR 15 38 15.7 comp=Z:4.1nm,18.3s,baz=70,slow=36

H1N3 WAKE ISLAND Hy25.13 282 T T 17 22 27.0 comp=Z:2.5nm,1.0s,baz=358,slow=13,SNR=4.0

H1S2 WAKE ISLAND Hy25.14 280 T T 17 22 49.0 comp=Z:2.5nm,1.0s

H1N2 WAKE ISLAND Hy25.15 282 T T 17 22 28.1 comp=Z:2.5nm,1.0s,baz=358,slow=13,SNR=4.0

H1N1 WAKE ISLAND Hy25.15 282 T T 17 22 28.3 comp=Z:2.5nm,1.0s,baz=358,slow=13,SNR=4.0

H1S1 WAKE ISLAND Hy25.15 280 T T 17 22 31.7 comp=Z:2.5nm,1.0s,baz=358,slow=13,SNR=4.0

H1S3 WAKE ISLAND Hy25.16 280 T T 17 22 34.7 comp=Z:2.5nm,1.0s,baz=358,slow=13,SNR=4.0

ASAR Alice Springs 132.13 212 PKP PKPdf 15 05 16.4 -0.3 comp=Z:0.3nm,1.0s,baz=116,slow=2.2,SNR=1.6

WRA Warramunga Arr 134.95 215 PKP PKPdf 15 05 23.3 +1.2 comp=Z:0.9nm,1.2s,baz=152,slow=1.6,SNR=2.6

MKAR Makaran Arr 143.68 31 PKP PKPdf 15 05 34.7 +0.8 comp=Z:0.2nm,0.5s,baz=338,slow=3.1,SNR=2.2

NOU 26 15:18:47.2:31.31S:175.75W, h122km, mb4.4/7, Kermadec Islands Region

IDC 26 15:19:19.5:1.4, 33.05S:178.75W, h0km, mb3.8/4, mbmp3.9/5, ML4.0/1, MS3.3/1, Error ellipse: s-maj=37.5km s-min=26.8km az=62.0

WEL 26 15:19:24.5:0.7, 33.5S:17.9W:1.1, h122km,30km, M4.0/13, mb4.5/8, MLv4.3/13, Mw(m)3.7/8, Error ellipse: s-maj=0.0km s-min=0.0km az=112.4

IDC 26 15:19:24.5:0.9, 33.26S:0.06:178.5W:0.1, h35km, n57, c202/83, mb3.9/6, 3C, South of Kermadec Islands

Main table for 1662 section, listing station names, coordinates, and time residuals for various stations like GLKZ, MXZ, PKGZ, etc.

URZ Urewera 6.15 215 Pn 15 20 52.1 -0.7 3.5nm,0.3s,baz=29,slow=0.5,SNR=17 Sn

URZ Urewera 6.15 215 Pn 15 20 53.8 -0.9 2.2nm,0.3s,baz=121,slow=23,SNR=7.2 6.8nm,0.3s

URZ Rawiri 6.21 212 Pn 15 20 53.8 +0.2 1.5nm,0.3s

RAGZ Rimuhau 6.24 208 S Sn 15 20 04.9 +0.8 1.5nm,0.3s

RIGZ Paritu Road 6.38 207 S Sn 15 20 56.8 +0.8 1.5nm,0.3s

PRGZ Shannon Statio 6.48 211 S Sn 15 20 58.9 +1.6 1.5nm,0.3s

SNGZ Murupuru 6.49 215 P Sn 15 20 58.2 +0.6 1.5nm,0.3s

MUGZ Ruatahunu 6.50 213 P Sn 15 20 57.7 +0.1 1.5nm,0.3s

MUZ Waipu Caves 6.51 244 P Sn 15 20 59.7 +2.0 1.5nm,0.3s

WZC Tahuroa Road 6.65 226 P Sn 15 21 02.1 +1.5 1.5nm,0.3s

MTHZ Maungataniwha 6.76 213 S Sn 15 22 16.0 -0.9 1.5nm,0.3s

MTHZ Omahuta 6.87 251 P Sn 15 21 03.7 +1.0 1.5nm,0.3s

OZU Omahuta 6.87 251 Pn 15 21 03.6 +0.9 1.5nm,0.3s

MRHZ Matea Rd 6.94 215 S Sn 15 21 38.8 +0.1 1.5nm,0.3s

ARHZ Aropoanui 7.03 210 S Sn 15 22 05.0 +0.2 1.5nm,0.3s

ARHZ Black Stump Fm 7.17 213 P Sn 15 22 07.0 +0.2 1.5nm,0.3s

BKZ Black Stump Fm 7.17 213 P Sn 15 21 06.1 -0.7 1.5nm,0.3s

BKZ McNeill Hill 7.30 211 P Sn 15 22 04.2 +0.8 1.5nm,0.3s

MCNZ Keweka Forest 7.41 212 P Sn 15 22 09.8 -0.4 1.5nm,0.3s

KWHZ Te Maari 7.51 217 P Sn 15 21 11.1 -0.5 1.5nm,0.3s

TMVZ North Tongarir 7.51 218 P Sn 15 21 10.7 -0.9 1.5nm,0.3s

TMVZ East Tongarir 7.52 217 P Sn 15 21 12.6 +0.9 1.5nm,0.3s

KAHZ Kahuranaki 7.52 209 P Sn 15 22 37.5 +1.7 1.5nm,0.3s

KAHZ Hauri 7.54 224 P Sn 15 22 33.5 -2.3 1.5nm,0.3s

TAP 26 15:25:42.7,24.82N,122.22E,h8km,ML3.5,C
JMA 26 15:25:43.1±0.1,24.8N,122.3E±0.4,h41km,MV2.8/9,

TAIWAN REGION
ISC 26 15:25:42.4±0.9,24.81N,122.22E±0.2,h14km±7km,
n114,c09/95/219,1D,Taiwan region

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, ISC. Lists various stations like EGS, TWB1, EOS2, etc.

Main table with columns: ETL, baz, 221, S, Sg, 15 26 10.9 +0.1, etc. Lists stations like NACB, NNSB, NNS, etc.

Table with columns: WGK, Gukeng, 1.92 235 eP, Pg, 15 26 19.1 -0.1, etc. Lists stations like WDLH, ELDTW, WCKO, etc.

IDC 26 15:29:21.6,2.3,29.205,177.68W,h115km,6km,mb3.3/4,
mbtmp3.6/4,Error ellipse: s-maj=47.7km s-min=6.6km
az=75.0

WEL 26 15:29:33.1,1.2,33.3S,10,17.9W,1.8,h120km,ML4/24,
mb4.5/2,ML4.2/6,MLV4.2/4,MW(mB)3.7/2,Error ellipse:
s-maj=0.0km s-min=0.0km az=115.8

ISC 26 15:29:32.7,3.1,33.3S,0.1,178.5W,0.2,h100km,n18,
c1812/27,mb3.6/4,South of Keradec Islands

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Lists stations like HAZ, PUK, RUGZ, etc.

IDC 26 15:31:21.9±0.8,14.98S,173.52W,h0km,mb4.0/8,
mbtmp4.0/8,MS3.4/14,Error ellipse: s-maj=36.1km
s-min=20.9km az=124.0

ISC 26 15:31:26.5±0.8,15.0S,0.2,173.6W,0.3,h30km,n28,
c045/10,mb4.1/8,MS3.6/12,Samos Islands region

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, ISC. Lists stations like NSVFO, RAR, etc.

26d 15h

Table with columns: PPT, Name, Time, Az, El, AzE, AzM, Phase, ID, h, m, s, Res. Includes stations like Papeete, Urewera, WAKE ISLAND, etc.

2018 SEP

Table with columns: TA02, Name, Time, Az, El, AzE, AzM, Phase, ID, h, m, s, Res. Includes stations like Yavi, IPOC Station P, Chacalluta, etc.

1664

Table with columns: RCBR, Name, Time, Az, El, AzE, AzM, Phase, ID, h, m, s, Res. Includes stations like Riachuelo, Belgrano, Sewanee, etc.

26d 17h

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1666

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time Res, Res ISC. Includes stations like Juan Fernandez, San Ignacio, Cerro Castillo, etc.

Table with columns: SALV, LDASE, ROSC, etc. Includes stations like Santo Antonio, Londrina, El Rosal, etc.

Table with columns: SMWD, LRAL, ISA, etc. Includes stations like Samnorwood, Lakeview Rete, Isabella, etc.

Table with columns: ID, Name, Azimuth, Altitude, Date, Time, Res, etc. Includes entries like 145A Fountain, 159A Walton, NEW Newport, etc.

Table with columns: ID, Name, Azimuth, Altitude, Date, Time, Res, etc. Includes entries like I23K Minto, YUKON-K, L16K Ohwah River, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Date, Time, Res, etc. Includes entries like LHMI Lhok Sumawe, PPSI Prapat, etc.

Technical notes and data for the 2018 SEP observations, including coordinates and instrument details.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KUUR Kurty, EKSZ Erkin-Say, WR0 Warramunga Arr, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KURK Kurchatov, VLA Vladivostok, TRNA MAJO Matusushiro, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like YSS, CMSA, AULRC, TYV, etc.

26d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRH Novokhoporsky, KIRS Kirsehir-Merke, MBAR Mbarara, etc.

2018 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK comp=E,30nm,1.0s, MNK comp=N,23nm,0.9s, MNR Arges, etc.

1670

Table with columns for station name, frequency, power, and other technical details. Includes stations like DAVA Danuels, DAVOX Davos/Dischmat, KEST Kestra, etc.

MDD 26 17:53:32.0, 7.36:51Nk:11:37W, h38km, Mb4.3/16, M_mb3.7/16, Error ellipse: s-maj=5.8km s-min=3.8km az=76.0
IGIL 26 17:53:34.7, 36:53N:11:29W, h31km, ML2.4
INMG 26 17:53:34.2, 1.0, 36:51N:11:31W, h41km, ML2.6, Error ellipse: s-maj=3.3km s-min=2.7km az=113.0
CNRM 26 17:53:40.9, 36:28N:10:31W, h68km, ML3.3
ISC 26 17:53:32.1, 8.36:55N:10:05:11.8W, 0.09, h81km, 27km, n82, r1971/32, 18C-2D, Azores-Cape St. Vincent Ridge

1673

YAK	comp=N,4.0nm,1.0s		pmax	pmax		
YAK	comp=E,3.0nm,1.0s		pmax	pmax		
NJ2	Nanjing	26.97 252	eP	P	19 28 13.5	-1.7
NJ2	comp=Z,1.8nm,0.5s		pmax	pmax		
NJ2	comp=Z,700nm,4.5s		pmax	pmax		
HHC	Hu-ho-hao-te	27.86 275	eP	P	19 28 23.0	-0.2
HHC	comp=Z,2.1nm,0.5s		pmax	pmax		
HHC	comp=Z,1.90nm,6.6s		pmax	pmax		
P08K	Saint George I	28.05 51	P	P	19 28 25.4	+0.8
GAMB	Gambell	28.84 35	P	P	19 28 31.5	0.0
H11N2	WAKE ISLAND Hy	29.00 144	T	T	19 59 20.6	
H11N1	WAKE ISLAND Hy	29.01 144	T	T	19 59 24.5	
H11N3	WAKE ISLAND Hy	29.01 144	T	T	19 59 22.0	
SOMM	Somgino Array	29.55 291	P	P	19 28 44.6	+6.5
UNV	Unalaska Valle	29.64 56	P	P	19 28 39.8	+1.0
H11S1	WAKE ISLAND Hy	30.01 146	T	T	20 00 42.9	
H11S3	WAKE ISLAND Hy	30.02 146	T	T	20 00 37.7	
H11S2	WAKE ISLAND Hy	30.03 146	T	T	20 00 38.2	
M11K	Mekoryuk	30.37 43	P	P	19 28 45.6	+0.5
K13K	Kusiivak Mount	31.40 41	P	P	19 28 54.6	+0.5
F14K	Arctic Creek	31.60 34	P	P	19 28 56.0	+0.1
M13K	Dall Lake	31.77 44	P	P	19 28 58.1	+0.7
J14K	Nanvaranak Lak	32.06 39	P	P	19 29 00.2	+0.2
L14K	Kulka Creek	32.22 42	P	P	19 29 01.9	+0.5
F15K	North Star Dit	32.34 34	P	P	19 29 02.2	-0.2
M14K	Bethel	32.49 43	P	P	19 29 04.3	+0.6
N14K	Kuskokwak Cree	32.54 45	P	P	19 29 04.7	+0.5
O14K	Tigyuakuiwet M	32.70 46	P	P	19 29 06.8	+1.1
K15K	Wolf Creek Mou	32.91 41	P	P	19 29 08.1	+0.7
C16K	Lisburne Hills	32.95 29	P	P	19 29 07.1	-0.6
SDPT	Sand Point	33.10 53	P	P	19 29 10.0	+0.9
M15K	Kasigliuk River	33.11 44	P	P	19 29 09.6	+0.4
N15K	Kwethluk River	33.36 45	P	P	19 29 11.2	-0.2
O15K	Ungalithiuk R	33.44 46	P	P	19 29 12.7	+0.7
J16K	Anvik River	33.48 39	P	P	19 29 12.2	-0.2
D17K	Noatak River	33.55 31	P	P	19 29 12.8	-0.1
CHNA	Chernabura Isl	33.64 54	P	P	19 29 15.4	+1.6
C17K	DeLong Mountai	33.77 29	P	P	19 29 14.5	-0.4
L16K	Ohwat River	33.79 42	P	P	19 29 15.6	+0.4
E17K	Hotham Inlet	33.83 32	P	P	19 29 15.3	0.0
G17K	Kiwaliik Mounta	33.89 35	P	P	19 29 16.2	+0.3
M16K	Timber Creek	33.98 43	P	IAMB	19 29 16.8	0.0
M16K	Timber Creek	33.98 43	P	IAMB	19 29 17.9	0.0
M16K	Timber Creek	33.98 43	P	P	19 29 17.3	+0.6
N16K	Nishilik Lake	34.03 44	P	P	19 29 18.1	+0.8
H17K	Granite Mounta	34.08 36	P	P	19 29 17.9	+0.3
J17K	VABM Dome	34.18 39	P	P	19 29 18.7	+0.2
E18K	Tukpahleark C	34.38 32	P	P	19 29 19.8	-0.3
P16K	Nushagak River	34.38 47	P	P	19 29 20.9	+0.7
L17K	Donlin	34.39 41	P	P	19 29 20.9	+0.6
K17K	Iditarod	34.45 40	P	P	19 29 21.1	+0.3
C18K	Utukok River	34.52 29	P	P	19 29 21.1	-0.3
F18K	Selawik	34.53 33	P	P	19 29 21.6	+0.2
R16K	Pilot Point	34.62 49	P	P	19 29 23.6	+1.4
M17K	Holitna River	34.74 43	P	P	19 29 23.9	+0.6
M17K	Holitna River	34.74 43	P	P	19 29 24.4	+1.1
H18K	Honhosa River	34.76 36	P	P	19 29 23.8	+0.3
G18K	Tagagawik	34.78 35	P	P	19 29 23.0	-0.7
G19K	Tagagawik	34.78 35	P	IAMB	19 29 24.4	
G18K	Tagagawik	34.78 35	P	P	19 29 23.5	-0.1
N17K	Nushagak Hills	34.82 44	P	P	19 29 24.9	+0.9
O17K	Kolliganek Bris	34.85 45	P	P	19 29 24.9	+0.7
L18K	Granite Mounta	35.15 41	P	IAMB	19 29 27.5	+0.7
L18K	Granite Mounta	35.15 41	P	IAMB	19 29 28.5	
L18K	Granite Mounta	35.15 41	P	P	19 29 27.7	+0.9
C19K	Lookout Ridge	35.21 29	P	P	19 29 27.3	0.0
J18K	Innokko River	35.24 39	P	P	19 29 27.1	-0.5
J18K	Innokko River	35.24 39	P	P	19 29 27.9	+0.2
R17L	Mt. Peulik Vol	35.27 49	P	P	19 29 29.4	+1.5
F19K	Shalercukik Mo	35.31 33	P	IAMB	19 29 27.1	-1.1
F19K	Shalercukik Mo	35.31 33	P	IAMB	19 29 28.4	
F19K	Shalercukik Mo	35.31 33	P	P	19 29 27.8	-0.4
G19K	Purcell Mounta	35.45 34	P	P	19 29 29.5	+0.1
G19K	Purcell Mounta	35.45 34	P	IAMB	19 29 30.1	
G19K	Purcell Mounta	35.45 34	P	P	19 29 29.2	-0.2
N18K	Kilae Creek	35.46 44	P	P	19 29 30.0	+0.4
N18K	Kilae Creek	35.46 44	P	P	19 29 30.6	+1.0
Q17K	Contact Creek	35.49 48	P	P	19 29 30.6	+0.7
M18K	Stony River	35.52 42	P	P	19 29 30.9	+0.9
D19K	Kuna River	35.56 30	P	P	19 29 29.9	-0.5
D19K	Kuna River	35.56 30	P	P	19 29 30.1	-0.2
H19K	Roundabout Mou	35.62 35	P	P	19 29 30.7	-0.1
H19K	Roundabout Mou	35.62 35	P	P	19 29 31.0	+0.3
E19K	Redstone River	35.65 32	P	IAMB	19 29 31.0	0.0
E19K	Redstone River	35.65 32	P	IAMB	19 29 31.9	
E19K	Redstone River	35.65 32	P	P	19 29 31.3	+0.3
J19K	Poorman	35.78 38	IAMB	IAMB	19 29 32.9	
J19K	Poorman	35.78 38	IAMB	IAMB	19 29 32.2	0.0
P18K	Big Mountain,	35.80 46	P	P	19 29 33.3	+0.9
O18K	Koktuh Hills	35.80 45	P	IAMB	19 29 32.9	+0.5
O18K	Koktuh Hills	35.80 45	P	IAMB	19 29 34.0	
O18K	comp=Z,6.3nm,0.9s					

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O18K	Koktuh Hills	35.80 45	P	P	19 29 33.3	+0.8
Q18K	Katmai Hardscr	35.94 47	P	P	19 29 33.7	0.0
L19K	White Mountain	36.01 41	P	P	19 29 34.5	+0.3
L19K	White Mountain	36.01 41	P	P	19 29 34.7	+0.4
D20K	Etiulik River	36.15 30	P	P	19 29 35.1	-0.2
F20K	Avaraat Lake	36.15 33	P	P	19 29 34.8	-0.5
F20K	Avaraat Lake	36.15 33	P	P	19 29 35.2	-0.1
N19K	Bonanza Creek	36.16 44	P	IAMB	19 29 36.2	+0.6
N19K	Bonanza Creek	36.16 44	P	IAMB	19 29 37.1	
N19K	Bonanza Creek	36.16 44	P	P	19 29 35.9	+0.3
E20K	Nigu River	36.20 31	P	P	19 29 35.5	-0.3
M19K	Big River Lodg	36.22 42	P	P	19 29 36.6	+0.6
H20K	Anotleneega Mo	36.26 36	P	P	19 29 36.3	0.0
B20K	Mesade River	36.28 28	P	P	19 29 36.0	-0.3
I20K	Naaghedeneel	36.35 37	P	P	19 29 36.3	-0.8
K20K	Telluk River	36.42 39	P	P	19 29 38.5	+0.8
J20K	Nowinta River	36.44 38	P	IAMB	19 29 38.1	+0.3
J20K	Nowinta River	36.44 38	P	IAMB	19 29 39.0	
J20K	Nowinta River	36.44 38	P	P	19 29 38.1	+0.3
L20K	Forewell, AK	36.47 41	P	P	19 29 39.0	+0.8
IMAR	Indian Mountai	36.78 35	P	P	19 29 40.4	-0.3
M20K	Styx River	36.81 42	IAMB	IAMB	19 29 42.1	+0.9
M20K	Styx River	36.81 42	P	P	19 29 42.9	
M20K	Styx River	36.81 42	P	P	19 29 41.5	+0.4
C21K	Knifeflake Rid	36.89 30	P	P	19 29 41.5	-0.1
G21K	Allakaket	36.94 34	P	P	19 29 42.2	+0.1
F21K	Alatina River	37.04 33	IAMB	IAMB	19 29 44.1	
F21K	Alatina River	37.04 33	P	P	19 29 42.9	0.0
B21K	Ikpikuk River	37.04 29	P	P	19 29 42.4	-0.5
B21K	Ikpikuk River	37.04 29	P	P	19 29 42.9	0.0
E21K	Killik River	37.04 31	P	P	19 29 42.1	-0.8
O20K	Slope Mountain	37.09 45	P	P	19 29 44.0	+0.5
H21K	Melozitna Rive	37.13 36	IAMB	IAMB	19 29 44.8	
H21K	Melozitna Rive	37.13 36	P	P	19 29 44.1	+0.4
A22K	Sinclair Lake	37.24 27	P	P	19 29 44.2	-0.3
N20K	Mount Spurr	37.26 43	P	P	19 29 45.6	+0.7
SPCR	Spurr Chakacha	37.26 43	P	P	19 29 45.4	+0.5
PPLA	Purkeypile	37.26 40	P	P	19 29 45.3	+0.3
KDAD	Kodiak Island	37.28 49	eP	P	19 29 45.3	+0.3
KDAD	Kodiak Island	37.28 49	eP	P	19 29 40.9	-4.1
SPU	Mount Spurr	37.34 43	P	IAMB	19 29 47.5	+0.2
SPU	Mount Spurr	37.34 43	P	IAMB	19 29 47.6	
I21K	Tanana	37.44 36	P	IAMB	19 29 46.7	+0.4
I21K	Tanana	37.44 36	P	IAMB	19 29 47.6	
I21K	Tanana	37.44 36	P	P	19 29 46.4	+0.1
SKT	Skwentna	37.57 42	IAMB	IAMB	19 29 49.2	
SKT	Skwentna	37.57 42	P	P	19 29 48.1	+0.6
F22K	John River	37.58 33	P	P	19 29 47.5	0.0
D22K	Aiykyak River	37.58 30	P	P	19 29 47.5	0.0
B22K	Teshhepuk Lake	37.59 28	P	P	19 29 47.7	+0.1
HOM	Home	37.61 45	P	P	19 29 48.9	+1.1
H22K	Ishlitalina Cre	37.74 35	P	P	19 29 49.2	+0.3
G22K	Bettles	37.77 34	P	P	19 29 49.0	-0.1
E22K	Anakutuyk Pass	37.79 32	P	P	19 29 49.2	-0.1
BPAW	Bear Paw Mtn.	37.82 38	P	P	19 29 49.7	+0.1
MLY	Manley	37.96 37	P	P	19 29 51.4	+0.6
MLY	Manley	37.96 37	P	P	19 29 51.1	+0.4
BRSE	Bradley Lake S	38.06 45	P	P	19 29 52.4	+0.7
COLD	Cold	38.31 30	P	P	19 29 53.6	0.0
D23K	Nanushuk River	38.31 30	P	P	19 29 53.5	-0.1
G23K	Bananza Creek	38.34 34	IAMB	IAMB	19 29 55.1	
G23K	Bananza Creek	38.34 34	P	P	19 29 53.8	-0.2
C23K	Iktilik River	38.45 29	P	P	19 29 55.0	+0.3
RC01	Rabbit Creek A	38.46 43	P	P	19 29 55.3	+0.3
H23K	Yukon River	38.49 35	IAMB	IAMB	19 29 57.2	
H23K	Yukon River	38.49 35	P	P	19 29 55.8	+0.6
I23K	Minto, Yukon-K	38.55 36	P	IAMB	19 29 55.2	-0.4
I23K	Minto, Yukon-K	38.55 36	P	IAMB	19 29 58.6	
I23K	Minto, Yukon-K	38.55 36	P	P	19 29 55.6	0.0
E23K	Chandalar	38.60 32	IAMB	IAMB	19 29 57.2	
E2						

PCVE	Castro Verde	7.39	65	Pn	Pn	20 18 05.9	+3.5
PCVE				Sn	Sn	20 19 21.1	-3.8
PVAQ	Vaqueiros	7.56	67	eS	Pn	20 18 08.3	+3.6
PVAQ				eS	Pn	20 19 25.6	-3.5
PVAQ				A	A	20 19 37.0	
PVAQ	Vaqueiros	7.56	67	Pn	Pn	20 18 08.2	+3.6
PVAQ				Sn	Sn	20 19 25.6	-3.5
PVAQ	Vaqueiros	7.56	67	P	Pn	20 18 08.2	+3.6
PVAQ	Vaqueiros	7.56	67	P	Sn	20 19 34.8	+5.7
PBEJ	Beja	7.66	63	eS	Pn	20 18 09.5	+3.5
PBEJ				eS	Pn	20 19 27.2	-4.4
PBEJ				A	A	20 19 32.4	
AVE	Averroes	7.67	99	Pn	Pn	20 18 12.3	+6.1
AVE				Sn	Sn	20 19 30.6	-1.2
AVE	Averroes	7.67	99	S	Sn	20 19 34.2	+2.4
PSBE	So Bento	7.74	50	eS	Pn	20 18 09.6	+2.4
PSBE				A	Pn	20 19 30.0	-3.6
EVO	Evora	7.76	59	eS	Pn	20 18 10.4	+3.0
EVO				A	A	20 19 28.8	-5.3
EVO				A	A	20 19 36.7	
EVO	Evora	7.76	59	Pn	Pn	20 18 09.9	+2.5
EVO				Sn	Sn	20 19 28.1	-6.0
EGRO	El Granado	7.78	67	Pn	Pn	20 18 11.6	+4.0
EGRO				Sn	Sn	20 19 30.8	-3.6
EGRO	El Granado	7.78	67	P	Pn	20 18 11.4	+3.8
EGRO				A	A	20 18 15.5	
EGRO	Montargil	7.87	55	eS	Pn	20 19 31.4	-3.1
PMTG				eS	Pn	20 18 10.9	+2.0
PMTG				A	A	20 19 31.6	-5.2
PMTG				A	A	20 19 37.7	
TTIG	Tnina Tigouga	7.98	120	P	Pn	20 18 12.4	+1.8
TTIG	Tnina Tigouga	7.98	120	P	Pn	20 19 38.8	-0.9
PESTR	Estremoz	8.21	58	eS	Pn	20 18 16.9	+3.3
PESTR				A	Pn	20 18 47.7	-6.4
PESTR				A	A	20 18 48.4	
PESTR	Estremoz	8.21	58	Pn	Pn	20 18 16.5	+2.9
PESTR				Sn	Sn	20 19 38.6	-6.5
PESTR	Estremoz	8.21	58	P	Pn	20 19 19.1	+5.5
PCAS	Casmilo, Conde	8.24	48	eS	Pn	20 18 16.2	+2.2
PCAS				A	Pn	20 19 40.4	-5.5
PCAS				A	A	20 19 47.3	
ZHG	ZHG	8.27	96	P	Pn	20 18 15.8	+1.3
ZHG				eS	Pn	20 19 47.4	+0.8
PBAR	Barrancos	8.32	63	eS	Pn	20 18 18.3	+3.2
PBAR				A	A	20 19 42.4	-5.4
PBAR				A	A	20 19 52.5	
PBAR	Barrancos	8.32	63	Pn	Pn	20 18 18.2	+3.1
PBAR				Sn	Sn	20 19 42.3	-5.5
EMIN	Mina Concepcio	8.46	67	Pn	Pn	20 18 20.6	+3.5
EMIN				Sn	Sn	20 19 46.4	-4.9
EMIN	Mina Concepcio	8.46	67	P	Pn	20 18 20.5	+3.5
EMIN				A	A	20 18 22.8	
EMIN	Badajoz	8.57	60	P	Pn	20 19 47.1	-4.2
EBAD				P	Pn	20 18 20.1	+1.6
EBAD				A	A	20 18 22.5	
EBAD	Marv??o	8.61	55	eS	Pn	20 19 47.8	-6.1
PMRV				A	A	20 18 20.7	+1.6
PMRV				A	A	20 19 48.4	-6.6
PMRV				A	A	20 20 00.5	
TIO	Tiouine	8.65	114	Pn	Pn	20 18 26.3	+6.5
TIO				Sn	Sn	20 19 55.4	-0.9
TIO				A	A	20 19 56.0	-0.2
PCBR	Castelo Branco	8.77	52	eS	Pn	20 18 23.7	+2.5
PCBR				Sn	Sn	20 19 31.1	+6.3
ESPR	Espera	8.88	73	Pn	Pn	20 18 27.1	+4.4
ESPR				Sn	Sn	20 19 56.2	-5.2
ESPR	Espera	8.88	73	Pn	Pn	20 18 26.5	+3.9
ESPR				A	A	20 18 28.1	
ESPR	Timmit	8.94	107	P	Pn	20 19 56.8	-4.6
TISM	Timmit	8.94	107	P	Pn	20 18 27.5	+3.9
TISM	Timmit	8.94	107	P	Pn	20 20 04.1	+1.0
PVIS	Viseu	9.01	46	eS	Pn	20 18 27.0	+2.4
PVIS				Sn	Sn	20 19 58.9	-6.0
MTE	Manteigas	9.04	49	eS	Pn	20 18 27.1	+4.8
MTE				eS	Pn	20 19 59.6	-5.9
MTE				A	A	20 20 07.3	
OZUM	OZUM	9.04	113	S	Pn	20 20 06.0	+3.3
EJIF	Jimena Fronter	9.12	76	P	Pn	20 18 28.8	+2.7
EJIF				Sn	Sn	20 20 14.5	+2.9
POLO	Lamas de Olo	9.49	44	eS	Pn	20 18 34.7	+3.5
POLO				A	A	20 20 11.5	-5.2
POLO				A	A	20 20 16.0	
IFR	Ifrane	9.49	94	Pn	Pn	20 18 35.6	+4.3
IFR				Sn	Sn	20 20 12.3	+4.6
ECAB	El Cabril	9.50	67	Pn	Pn	20 18 34.8	+3.6
ECAB				Sn	Sn	20 20 11.2	-5.6
ECAB	El Cabril	9.50	67	P	Pn	20 18 33.9	+2.7
ECAB				A	A	20 18 36.1	
ECAB	Cabril	9.59	41	eS	Pn	20 20 11.3	-5.5
PCAB				Sn	Sn	20 20 11.7	-7.3
PCAB				A	A	20 20 20.4	
PGAV	Gavieira, Arco	9.64	39	eS	Pn	20 18 37.6	+4.4
PGAV				eS	Pn	20 20 13.6	-6.7
PGAV				A	A	20 20 22.7	
CZD	Col de Zad	9.67	97	P	Pn	20 18 36.3	+2.5
CZD	Col de Zad	9.67	97	P	Pn	20 20 22.6	+1.3
ELOB	Lobios	9.68	41	S	Pn	20 18 35.2	+1.4
ELOB				A	A	20 18 39.4	
ELOB	Plasencia	9.80	54	P	Pn	20 20 14.2	-7.1
EPLA				Pn	Pn	20 18 37.5	+2.0
EPLA				A	A	20 18 41.2	
EPLA	Moncorvo	9.81	47	S	Pn	20 20 17.7	-6.6
MVO				eS	Pn	20 20 18.0	-6.4
MVO				A	A	20 20 23.8	
MD31	MD31	9.94	98	P	Pn	20 18 39.2	+1.9
EADA	Adamuz	10.16	67	Pn	Pn	20 20 43.9	+3.3
EADA				Sn	Sn	20 20 28.9	-4.1
EADA	Adamuz	10.16	67	P	Pn	20 18 42.0	+1.7
EADA				A	A	20 18 44.7	
EADA	Sierra Gorda	10.29	73	P	Pn	20 20 29.2	-3.8
EGOR				Sn	Sn	20 18 43.5	+1.3
EGOR	Agolada(Pontev	10.34	37	P	Pn	20 20 32.0	-4.5
EAGO				Sn	Sn	20 18 42.8	0.0
EAGO				Pn	Pn	20 20 29.7	-7.7
PBRG	Braganca	10.37	45	eS	Pn	20 18 46.9	+3.7
PBRG				eS	Pn	20 20 32.2	-6.0
PBRG				A	A	20 20 39.5	
AKLM	AKL	10.40	88	P	Pn	20 18 45.3	+1.6
ECAL	Calabor	10.46	44	P	Pn	20 18 45.7	+1.2
ECAL				Sn	Sn	20 20 36.6	+4.5
ELGU	Los Guajares	10.64	75	P	Pn	20 18 49.0	+2.1
ELGU				Sn	Sn	20 20 37.8	-7.1
PAB	San Pablo	10.78	60	P	Pn	20 18 51.0	+2.2
PAB				Sn	Sn	20 20 42.1	-6.3
UCM	Universidad Co	11.86	58	Pn	Pn	20 19 05.9	+2.3
ETOB	Toberra	12.59	68	Pn	Pn	20 19 18.7	+3.2
SJPF	Ste Jean	14.48	50	ePn	Pn	20 19 39.6	+0.3
SJPF				eS	Pn	20 22 11.3	-7.2
ETSF	Etsaut	14.80	52	ePn	Pn	20 19 44.5	+0.8
ETSF				eS	Pn	20 22 19.5	-7.0
EPF	Esparrros	15.45	53	ePn	Pn	20 19 53.2	+1.0

ellipse: s-maj=13.6km s-min=10.6km az=104.7
 SKHL 26 20:23:11.9,0.5,43;70N;147;70E;h67km,2km,mb5,0/3
 NIED 26 20:23:11.8,43.56N;147.51E;h27km,MW3.6, Moment
 Tensor Solution: s3 Moment tensor: Scale 1.014Nm;
 Mn=0.65; Mss=2.33; Mss=1.69; Mo=1.48; Mss=1.61;
 Fault plane solution: Mo:3.28000x10¹⁴ NP1:
 p=248.00000°, s=79.00000°, A=143.00000°. NP2:
 p=150.00000°, s=54.00000°, A=-14.00000°.
 JMA 26 20:23:11.8,0.3,44°N,1°E,14.8E, h27km, MW3.9/36, E
 OFF HOKKAIDO
 NEIC 26 20:23:11.6,1.1,44.0N;0.1x147.4E;0.2,h35km,2km,
 mb4.2/45, Error ellipse: s-maj=20.9km s-min=18.0km
 az=129.0
 IDC 26 20:23:13.8,1.4,45.43N;147.04E;h0km,mb3.8/8,
 mbmp3.8/9,ML3.2/2, Error ellipse: s-maj=33.7km
 s-min=21.4km az=141.0
 ISC 26 20:23:11.2,0.9,43.65N;0.06;147.66E;0.06,h54km,6km,
 n110, c1539/131,mb4.2/37,5C-2D, Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
SHO	Shikotan	0.64	291	Op	h m s	ISC
SHO				Pn	20 23 24.6	+0.2
SHO				AMB	20 23 25.3	
SHO	2μm,0.3s			A		
SHO				i/S	20 23 34.5	+0.5
SHO	5μm,0.3s			A	20 23 35.5	
SHO	4μm,0.3s			A	20 23 35.5	
SHO	Shikotan	0.64	291	i/PN	20 23 24.5	+0.2
SHO				Pn	20 23 24.1	+0.1
SHO				Sn		
SHO	comp=Z,3μm,0.3s			pmx	pmx	
SHO				smx	smx	
SHO	comp=N,848nm,0.2s			smx	smx	
SHO	comp=N,7μm,0.2s			smx	smx	
SHO				smx	smx	
SHO	comp=E,2μm,0.2s			smx	smx	
YUK	Yuzh-Kuril'sk	1.36	287	eP	20 23 33.7	-0.1
YUK				AMB	20 23 35.0	
YUK	comp=E,670nm,0.2s			i/S	20 23 49.8	-0.9
YUK				A	20 23 51.3	
YUK	comp=E,2μm,0.4s			A	20 23 51.3	
YUK	comp=E,2μm,0.4s			A	20 23 51.3	
YUK	Yuzh-Kuril'sk	1.36	287	i/PN	20 23 33.7	-0.1
YUK				Pn	20 23 49.8	-0.9
YUK				i/S		
YUK	comp=N,252nm,0.2s			pmx	pmx	
YUK				pmx	pmx	
YUK	comp=E,320nm,0.2s			pmx	pmx	
YUK	comp=Z,1μm,0.2s			smx	smx	
YUK	comp=N,2μm,0.2s			smx	smx	
YUK				smx	smx	
YEM	Nemuro 2	1.43	259	i/P	20 23 34.7	0.0
NEM2				Sn	20 23 31.3	-1.0
KUR	Kuril'sk	1.59	5	eP	20 23 37.0	0.0
KUR				AMB	20 23 38.1	
KUR	comp=E,120nm,0.5s			eS	20 23 55.6	-0.8
KUR				A	20 23 57.3	
KUR	comp=E,2μm,0.3s			A	20 23 57.3	
KUR	comp=E,1μm,0.3s			A	20 23 57.3	
KUR	Kuril'sk	1.59	5	ePN	20 23 37.2	+0.2
KUR				eS	20 23 55.6	-0.8
KUR				pmx	pmx	
KUR	comp=N,52nm,0.2s			pmx	pmx	
KUR	comp=Z,150nm,0.2s			pmx	pmx	
KUR	comp=E,72nm,0.1s			pmx	pmx	
KUR	comp=N,2μm,0.2s			smx	smx	
KUR				smx	smx	
JRA	Rausu	1.86	280	P	20 23 41.3	+0.7
JRA				Sn	20 24 03.0	0.0
JRA				S	20 24 18.8	+0.5
JRA	Kushirohomanak	1.91	254	P	20 23 03.7	-0.5
JRA				S	20 23 42.4	+0.8
JRA				eS	20 24 05.1	+0.4
JNSB	Nemuroshibetsu	1.93	275	P	20 23 46.8	+0.2
JNSB				eS	20 24 09.0	+0.8
JNSB				Pn	20 23 46.3	+0.2
JNSB				Sn	20 24 11.3	-1.4
JNSB				S	20 23 53.8	+1.2
JNSB				S	20 24 27.3	

26d 21h

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

IDC 26 20:30:51.7±1.5, 134S:139.00E, h0km, mb4.0/3, mbtmp4.0/4, ML4.0/1, Error ellipse: s-maj=75.8km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, H11S3, etc.

IDC 26 21:08:47.8±58.0, 1683S:173.77W, h0km, mb3.6/3, mbtmp3.6/3, Error ellipse: s-maj=1103.0km

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

JMA 26 21:13:56.9±0.1, 42°6'N:05°142'0E±0.5, h37km, 1km, MV3.3/5, ISHIKARI DEPRESSION

JMA Feit JJ 1 at ISHIKARI DEPRESSION. IDC 26 21:14:00.2±1.9, 42°66'N:142°17'E, h72km, 25km, mb3.3/5, mbtmp3.5/6, MS2.8/1, Error ellipse: s-maj=41.8km

ISC 26 21:13:57.0±1.0, 42°55'N:0°04'141.98E±0.03, h33km, 3km, n26, ±0.63/29, mb3.6/5, 16D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIAM, JBT2, JSHD, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR, KLR, H11N2, etc.

IDC 26 21:15:43.3±2.5, 27°61'N:139°75'E, h461km, 29km, mb3.1/8, mbtmp3.9/11, Error ellipse: s-maj=35.1km s-min=13.2km

JMA 26 21:15:51.8±0.2, 28°N:12°14'1E±, h387km, MV3.6/23, W OFF OGASAWARA

ISC 26 21:15:42.3±0.8, 27°58'N:0°09:139.9E±0.1, h450km, n20, ±2519/23, mb3.3/8, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station CBUJ.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBUJ, JCH, JHH2, etc.

IDC 26 21:23:51.4±1.6, 53°43'N:170°55'E, h0km, mb3.6/6, mbtmp3.7/8, ML3.8/2, Error ellipse: s-maj=63.1km

NEIC 26 21:23:55.9±2.1, 53°3N:02°170°6E±0.1, h35km, 2km, mb3.8/11, Error ellipse: s-maj=29.3km s-min=10.7km

ISC 26 21:23:54.9±0.8, 53°4N:02°170°60E±0.06, h24km, n34, ±0.87/30, mb3.6/6, Near Islands

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

IDC 26 21:23:54.9±0.8, 53°4N:02°170°60E±0.06, h24km, n34, ±0.87/30, mb3.6/6, Near Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ADK, P08K, M11K, etc.

ISC 26 21:24:48.2±1.4, 34°65'N:46°27'E, h22km, 32km, ML2.6

TEH 26 21:24:48.0, 34°61'N:46°19'E, h11km, 56km, ML2.8

ISC 26 21:24:48.1±1.2, 34°62'N:0°05:46.19E±0.04, h11km, 13km, n11, ±0.59/14, Western Iran

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

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az=279.0 GCMT 26 21:36:44.5±0.2, 35°09'S:0°01:107°92W±0.01, h14km, 1km, MM5.0/122, Moment Tensor Solution, s49, c54; s122, c163; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=0.36±.11; Mw=1.08±.10; Mw=1.45±.11; Mw=0.00±.20; Mw=3.47±.10; Mw=0.97±.24; Best double couple: Mc3.8150x10^16 NP1:190.00000, 890.00000, 7.14.00000. NP2:100.00000, 876.00000, 7.180.00000. Principal axes: T 4.0230, P1g10.0000, Azm56.0000; N -0.4100, P1g76.0000, Azm191.0000; P -3.6070, P1g10.0000, Azm324.0000; nsta1 refers to body waves, coffs=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 26 21:36:41.4±0.4, 34°32'S:0°08:108°02W±0.08, h10km, n182, ±1.04/136, mb4.7/50, MS4.2/45.5C-1D, Southern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RPN, H03S2, H03S1, etc.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 107A, G08A, NEW, etc.

NEIC 26 21:47:49.1.5, 34:05'10.0:007:97:43W:0:04, h6km, 5km, Mb, Lg3.1/113, ML3.0, ML3.3/20, Error ellipse: s-maj=4.2km, s-min=0.7km, az=99.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LOOK, X34A, Z35A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like F07, F07B, F07C, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like U38A, POST, AMTX, etc.

IDC 26 21:53:15.1±0.6, 17:82'S±178:18'W, h499km, 6km, mb4.2/21, mbtmp5.1/24, Error ellipse: s-maj=10.6km s-min=9.5km az=122.0

NEIC 26 21:53:15.5±1.4, 17:81'S±10:178:15'W:0:09, h499km, 5km, mb4.9/125, Error ellipse: s-maj=14.3km s-min=12.9km, az=173.0

NOU 26 21:53:15.6, 17:81'S-178:15'W, h501km, ML5.1/117, Fiji Islands Region

GCMT 26 21:53:19.0±0.6, 18:1'33.0:07:178:58'W:0:06, h527km, 3km, MW5.3/47, Moment Tensor Solution, s47.653; Duration: 1s1 Moment tensor. Scale 10^17Nm; Mn=0.23±0.4; Mw=0.18±0.8; Mo=0.05±0.8; Mo=0.26±0.8; Mw=0.69±0.6; Mo=0.84±0.7; Best double couple: Mo1.119x10^17 NP1.0±4.000000, s81.000000, λ-131.000000, NP2.0±263.000000, s82.000000, λ-14.000000. Principal axes: T 0.9850, Plg24.00000, Azm124.00000; N 0.2670, Plg40.00000, Azm12.00000; P -1.2520, Plg40.00000, Azm236.00000; nstai refers to principal waves, cutoff=40s. Triangular moment-rate function

ISC 26 21:53:15.2±0.4, 17:78'S±104:17'W:0:04, h502km, 4km, h504km, P-P, n597, s119/106/22, mb5.1/189, 26C-42D, Fiji Islands region

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

26/21h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like HAZ Te Kaha, URZ Urewera, BKZ Black Stump Fm, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like STKA comp=Z,1.4nm,0.6s, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NWAOW Narrogin (SRO), NWAOW Narrogin, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NWAOW Narrogin (SRO), NWAOW Narrogin, etc.

Table with columns: USRK, Ussuriysk Ar., 76.65 326 P, P, 22 04 15.3 +1.6, etc. Includes entries like KMRM Mali Ridge, ELN Elsinore Mount, ISAB Isabella, LAke, etc.

Table with columns: TX31 Lajitas Ar. Si, 85.66 58 P, Iamb, 22 05 02.0 +1.3, etc. Includes entries like TXAR Lajitas Array, ILAR Albuquerque, SLVN Son La, etc.

Table with columns: SORM Soroca, 142.79 330 P, PKP, 22 11 46.6 -4.4, etc. Includes entries like PUM Purari, MILM Milestii Mici, GAZ Gaziantep, etc.

26 22h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Lovozero, Vario, Oulanka, Raja-Jooseppi, Rieki, Kaamanen, Kevo, Rovaniemi, Romaavaara, Kautokeino.

IDC 26 22:12:22.75.1, 53.36N-161.32E, h0km, mb3.9/4, mbmp3.9/5, ML3.0/1, MS3.4/5, Error ellipse: s-maj=101.1km s-min=38.7km az=139.0

KRSC 26 22:12:29.0.1, 0.53.25N-160.68E, h41km, h1km, M4.0

ISC 26 22:12:27.1.1, 2.5334N, 0.08:160.83E, 0.08, h2km, h2km, n48, c101/45, mb4.1/4, MS3.7/4, Near east coast of Kamchatka Peninsula

Main table for 26 22h section with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Mys Shipuchensk, Nalytchevo, Karymskiy, Sedlovana, Ugljovaya, Somma, Koryakskii, Avacha, Dainy, Arik, Koryaka, Petropavlovsk, Institute, Karymskiy, Ganaly, Gurevich, Tumrok, Petropavlovsk, Tumrok, Apacha, Khodutka, Kamenistaya, Bezymannyi-Gr, Zelenaya, Loginovala, Sredinnyy, Krutoberegovo, Semkarok, Magadan, Eielson Array, WAKE ISLAND, Borovoye Array, ARCES ARCES Array, Jan Mayen, FINESS Array, Malin Array.

IDC 26 22:40:26.8.2.4, 6.41N, 125.75E, h143km, 21km, mb3.9/21, mbmp4.3/21, Error ellipse: s-maj=20.5km s-min=10.5km az=77.0

DJA 26 22:40:26.6.0.5, 6.1N, 125.75E, h84km, 7km, M5.0/18, mb5.4/11, mb4.9/18, ML5.1/8, MW(mb)4.9/11

NEIC 26 22:40:28.1.3, 6.42N, 0.07:125.8E, 0.1, h141km, 6km, mb4.4/54, Error ellipse: s-maj=15.3km s-min=10.0km az=77.0

ISC 26 22:40:26.9.0.7, 6.41N, 0.04:125.96E, 0.06, h144km, 7km, n106, c137/117, mb4.3/46, Mindaanao

Table for 26 22h section with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Davao City, Galea, Ternate, Cibinong, Marisa, Tolitolit, Lahad Datu, Sanana, Ampapa, Mapepa, Sorong, Namlea.

2018 SEP

Main table for 2018 SEP section with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Karang Ratu, Masohi, Fak Fak, Bone, SBU, Ende, Flores, Soe, Baumata, Genyem, Plampang, Ta-pu, Mataram, Khong Chiam, Kununurra, Kota Tinggi, Fitzy Crossi, Kulim, Coen, Rantau Prapat, Warranguma, WRA, Phra Marble Bar, Pilbara Seismi, GSI, CMAR, CHIANG MAI, AS31, ASAR, KSR, MJAR, MOR, FORT, USSURIYSK, USUR, MDJ, BBOO, STKA, ULN, PEAOB, PETK, MK31, GAR, KKAR, LBZ, BVAR, NRIK, NRIK, NRIK, CASY, M14K, K15K, J16K, L16K, M16K, J17K, C18K, L18K, C19K.

1680

Table for 1680 section with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Ar Rayn, Kottuh Hills, Kuna River, Nowinta River, Kodiak Island, Indian Mountain, Tanana, Eielson Array, Mawson, Mount Meron Ar, ARCES ARCES Array, Spitsbergen Ar, FINESS Array, Hagfors, Vulcano Piano, Castanea, MSRU, MUCR, NOV, JOPP, JOPP, JOPP, CEL, CEL, CEL, EPZF, MTTG, PLLN, GAGL, GAGL, GAGL, SOI, SOI, SOI, CSLB, GRI, GRI, PLAC, PLAC, PLAC, CAR1, CAR1, CAR1.

ROM 26 22:50:25.0.0.3, 38.61N, 02:14:96E, 0.03, h255km, 2km, ML3.3/3, Error ellipse: s-maj=3.1km s-min=1.2km az=129.0

IDC 26 22:50:25.9.0.7, 38.75N, 14:83E, h238km, 11km, mb3.1/9, mbmp3.6/12, Error ellipse: s-maj=22.8km s-min=16.7km az=104.0

ISC 26 22:50:26.1.0.7, 38.59N, 0:07:15.00E, 0.07, h249km, 6km, n64, c192/80, mb3.3/8, 1C, Sicily

Table for 1680 section with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Vulcano Piano, Castanea, MSRU, MUCR, NOV, JOPP, JOPP, JOPP, CEL, CEL, CEL, EPZF, MTTG, PLLN, GAGL, GAGL, GAGL, SOI, SOI, SOI, CSLB, GRI, GRI, PLAC, PLAC, PLAC, CAR1, CAR1, CAR1.

27d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like TPNV, VNA3, VNA2, etc.

Code Station Name Az Phase ID Time Res
MXZ Matakaoa Point 3.69 225 P Pn 23 45 28.0 +3.4

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

Table with columns: SNA, Sanae, 73.59 179 P, P, 23 56 10.0 +2.0, SNR=19, SHMA, SNR=7.9, MHTO, SNR=11, etc.

IDC 27 00:14:06.8; 1.7, 27.19N; 57.57E, h0km, mb3.8/13, mbmp3.8/14, ML4.0/1, MS3.2/4, Error ellipse: s-maj=35.5km s-min=17.3km az=149.0

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

IDC 26 23:44:35.6; 1.2, 34.90S; 178.73W, h0km, mb4.0/4, mbmp4.0/5, ML4.2/1, Error ellipse: s-maj=32.3km s-min=28.0km az=70.0

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

Table with columns: SNR=19, SHMA, SNR=7.9, MHTO, SNR=11, 6.04 176 P, Pn, 00 15 40.8 +3.2, etc.

IDC 27 00:14:06.8; 1.7, 27.19N; 57.57E, h0km, mb3.8/13, mbmp3.8/14, ML4.0/1, MS3.2/4, Error ellipse: s-maj=35.5km s-min=17.3km az=149.0

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

IDC 26 23:44:35.6; 1.2, 34.90S; 178.73W, h0km, mb4.0/4, mbmp4.0/5, ML4.2/1, Error ellipse: s-maj=32.3km s-min=28.0km az=70.0

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

CATAC 27 00:23:37.9; 1.2, 13.11N; 90.59W, h2km, 6km, ML3.6, SNET 27 00:23:41.0; 0.7, 13.10N; 90.35W, h24km, 3km, ML3.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SBL5, LOAL, LOMAS, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTO3, TEO3, SCLA, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ISC 27 02:09:47.8:1.4, 4.50N:0.07:97.76E:0.06, h100km, n8, σ_{30} =187/10, Northern Sumatara

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
LHMI	Lhok Sumawe	1.09	312	Op	02 10 09.0	+0.2
LHMI				Sg	02 10 24.7	+1.6
MLSI	Meulaboh, Aceh	1.38	261	S	02 11 21.9	+0.5
PSI	Prapat	2.04	145	P	02 10 22.9	+0.5
KULM	Kulim	2.98	75	P	02 10 34.6	-0.6
IPM	Ilopo	3.25	90	P	02 10 38.8	-0.1
PKDT	Phuket	3.42	10	Pg	02 10 51.3	+2.7
PKDT				Sb	02 11 19.4	+2.5
PKDT				Sg	02 11 19.9	+1.7
SRIT	Nakonsritamaru	4.46	24	Pg	02 11 11.3	+2.1
BKNI	Bangkaing	5.28	142	P	02 11 11.9	+5.1

IDC 27 02:36:59.2:2.0, 17.94S:168.59E, h117km, 16km, mb4.2/16, mbtmp4.5/17, MS3.4/3, Error ellipse: s -maj=19.8km s -min=12.5km az=103.0

NEIC 27 02:37.0:1.1:1.1, 17.87S:0.10:168.58E:0.1, h120km, 7km, mb4.7/17, Error ellipse: s -maj=15.4km s -min=13.9km az=95.0

NOU 27 02:37:02.8, 18.02S:168.48E, h80km, MLV-9.1/5, Vanuatu Islands

ISC 27 02:36:58.0:0.4, 17.84S:168.60E:0.08, h100km, n180, σ_{19} =127/14, mb4.7/1, SC-14D, Vanuatu Islands

Code	Station Name	Δ°	AZ $^{\circ}$	Phase ID	Time	Res
					h m s	ISC
VLAKA	Lakatoro	2.06	327	Op	02 37 36.7	+5.4
LIFNC	LIFOU	3.19	203	P	02 37 47.5	+1.2
MARNC	Mare, Loyalty	3.68	188	P	02 37 54.0	+1.4
YATNC	Mamie plateau,	4.49	201	P	02 38 04.5	+0.6
DZM	Mont Dzumac	4.67	205	P	02 38 08.1	+1.7
DZM	Mont Dzumac	4.67	205	P	02 38 08.2	+1.8
DZM	Mont Dzumac	4.67	205	P	02 38 07.8	+1.5
DZM				S	02 38 59.2	-0.3
NOUC	Port Laguerre	4.76	207	P	02 38 09.6	+2.2
OUENC	Ouen Island, N	4.82	200	P	02 38 11.2	+2.6
PINNC	Pines Island,	4.87	193	P	02 38 10.9	+1.9
PINNC	Pines Island,	4.87	193	P	02 38 11.1	+2.1
ONTNC	Ouen Toro	4.88	204	P	02 38 11.2	+2.1
ONTNC	Ouen Toro	4.88	204	P	02 38 11.8	+2.5
KOUNC	Koumac, New Ca	4.89	206	P	02 38 10.8	+1.3
KOUNC	Koumac, New Ca	4.88	236	P	02 38 11.9	+2.7
MSVF	Nonsauv	9.01	91	P	02 39 13.8	+4.8
EIDS	Eidsvold	17.91	242	P	02 41 00.1	+0.1
EIDS	Eidsvold	17.91	242	P	02 41 04.1	+3.3
27W1H	Toowoomba 1 Ha	18.11	235	P	02 41 05.3	+2.2
ARMA	Armidale	19.88	228	P	02 41 21.8	+0.2
RTZ	Ruatahuna	21.96	162	I	02 41 45.9	+2.3
RTZ				I	02 41 47.2	
BKZ	Black Stump Fm	22.33	164	P	02 41 48.6	+1.0
CAN	Canberra	24.62	221	P	02 42 10.2	+1.0
STKA	Stephens Creek	28.11	235	P	02 42 40.5	+0.0
STKA	Stephens Creek	28.11	235	P	02 42 40.5	+0.0
STKA				PcP	02 45 51.0	-1.5
WRO	Warramunga Arr	32.26	261	P	02 43 16.7	-0.6
WRA	Warramunga Arr	32.45	261	P	02 43 17.6	-1.4
WRA	Warramunga Arr	32.45	261	P	02 43 16.5	-2.5
WRA				PcP	02 46 02.7	-1.4
WRA				ScP	02 49 36.3	-2.7
BBOO	Buckleboo	32.81	237	P	02 43 21.1	-0.9
AS31	Alice Springs	32.90	254	P	02 43 21.8	-1.1
AS31				I	02 43 22.6	
ASAR	Alice Springs	32.90	254	P	02 43 22.2	-0.8
ASAR	Alice Springs	32.90	254	P	02 43 21.5	-1.4
ASAR				PcP	02 46 03.0	-2.4
ASAR				ScP	02 49 38.0	-2.5
ASAR				LR	02 56 14.4	
KNRA	Kunurru	38.15	267	P	02 44 06.5	-1.4
KNRA				I	02 44 07.5	
FAKI	Fak Fak	38.59	288	P	02 44 10.6	-1.1
FORT	Forrest	38.91	243	P	02 44 13.2	-1.0
FORT				I	02 44 45.0	
FITZ	Fitzroy Crossi	40.79	263	P	02 44 29.4	-0.5
PSA00	Pilbara Seismi	45.90	257	P	02 45 10.6	-0.3
PSA00				I	02 45 44.5	
MBWA	Marble Bar	46.04	258	P	02 45 10.4	-1.6
MBWA				I	02 45 13.4	
TOLI2	Tolitoli	50.68	287	P	02 45 46.9	-0.8
SBA	Scott Base	60.05	180	P	02 46 54.7	+0.7
SBA				I	02 46 55.8	
MJAR	Matsushiro Arr	61.23	332	P	02 47 02.0	-0.6
JNU	Nakatsue	62.18	325	P	02 47 09.0	0.0
JNU	Nakatsue	62.18	325	P	02 47 08.8	-0.2
JKA	Kamikawa-asahi	66.08	340	P	02 47 35.5	+1.2
ASAJ	Asahikawa	66.08	340	P	02 47 34.5	+0.2
NJ2	Nanjing	68.78	316	eP	02 47 54.0	+2.5
NJ2				pP	02 48 21.3	+4.5
NJ2				pmax		
NJ2				pmax		
USRK	Ussuriysk Ar.	70.22	333	P	02 48 08.0	+0.7
USRK	Ussuriysk Ar.	70.22	333	P	02 48 08.0	+0.8
USA0B	Ussuriysk Arra	70.22	333	P	02 48 00.9	+0.8
USA0B				I	02 48 02.0	
PETK	Petrovskoyevsk	71.28	353	P	02 48 06.4	0.0
PETK				LR	03 14 43.2	
MDJ	Mudanjiang	71.61	323	P	02 48 08.8	+0.3
MDJ				pmax		
MDJ				pmax		
QSPA	South Pole Qui	72.21	180	P	02 48 11.8	-0.2
QSPA				I	02 48 12.7	
QSPA				P	02 48 11.2	-0.8
QSPA				I	02 48 11.4	-0.4
CN2	Changchun	72.95	329	eP	02 48 17.3	+0.8
CN2				pmax		
BNX	BinXian	73.46	331	IP	02 48 19.5	0.0
BNX				pmax		
KLR	Kuldur	74.35	336	P	02 48 25.4	+0.9
LYN	LuoYang	74.56	315	P	02 48 27.5	+1.4
LYN				pmax		
XAN	Xian	76.72	313	P	02 48 38.8	+0.3
XAN				pmax		
CRAI	Chiangrai	76.87	296	P	02 48 39.2	-0.4
CRAI				I	02 48 41.3	

CM31	Chiang Mai Arr	77.38	294	P	02 48 42.5	0.0
CM31				I	02 48 44.4	
CMAR	Chiang Mai	77.38	294	P	02 48 43.3	+0.8
CHTO	Chiang Mai	77.52	295	P	02 48 43.0	-0.3
CHTO				I	02 48 44.8	
PZH	Panzhihua	78.44	303	P	02 48 51.0	+2.6
PZH				pmax		
PZH				pmax		
HHC	Hu-ho-hao-te	78.77	320	eP	02 48 51.8	+2.0
HHC				pP	02 49 21.8	+6.1
HHC				pmax		
HHC				pmax		
MAW	Mawson	79.50	202	P	02 48 52.9	-0.3
N15K	Kwethluk River	81.77	15	P	02 49 05.9	+0.6
N15K				I	02 49 32.1	
J14K	Nanvaranak Lak	83.26	13	P	02 49 14.2	+1.2
J14K				I	02 49 22.1	
K15K	Wolf Creek Mou	83.29	14	P	02 49 14.1	+0.9
ILSW	Ilisliam Southw	83.52	18	P	02 49 14.8	+0.3
ILSW				I	02 49 16.8	
N19K	Bonanza Creek	83.81	17	P	02 49 16.4	+0.4
J16K	Anvik River	84.37	13	P	02 49 20.1	+1.5
J16K				I	02 49 21.9	
M19K	Big River Lodg	84.73	17	P	02 49 21.5	+0.9
KMRM	KMRM	85.36	45	P	02 49 25.5	+1.2
KMRM				I	02 49 26.4	
YAK	Yakutsk	85.36	343	P	02 49 23.1	-0.5
ULN	Ulanbaatar	85.38	324	P	02 49 23.8	-0.5
ULN				I	02 49 25.6	
J18K	Innok River	85.43	15	P	02 49 24.1	+0.1
GTA	Gaotai	85.72	314	IP	02 49 27.0	+0.8
GTA				pmax		
O02D	Mt. Diabolo Mer	85.96	46	P	02 49 28.5	+1.2
O02D				I	02 49 30.0	
AFDM	Forest Hills D	86.67	47	P	02 49 30.9	+0.2
AFDM				I	02 49 32.6	
CMB	Columbia Cole	86.69	48	P	02 49 31.5	+0.6
CMB				I	02 49 32.7	
YBH	Yreka Blue Hor	86.73	44	P	02 49 32.2	+0.2
ISA	Isabella, Lake	87.08	51	P	02 49 33.8	+1.0
ISA				I	02 49 35.5	
ELIB	Eliseba	87.40	190	eP	02 49 32.9	-1.0
OMMO	Old Mammoth Mi	87.50	49	P	02 49 35.8	+0.7
WAKR	Walker	87.56	48	P	02 49 36.1	+0.8
WAKR				I	02 49 37.6	
PNTR	Pine Nut	87.69	48	P	02 49 36.5	+0.6
PNTR				I	02 49 38.1	
YERR	Yerington	87.90	48	P	02 49 37.6	+0.7
YERR				I	02 49 38.9	
LHV	Little Huntoon	88.12	49	P	02 49 39.0	+1.4
LHV				I	02 49 40.8	
IMAR	Indian Mountai	88.23	14	P	02 49 38.0	+0.4
RYN	Ryan	88.26	48	P	02 49 39.2	+0.6
RYN				I	02 49 40.6	
NVAR	Mina Array Bea	88.34	49	P	02 49 39.1	+0.1
NVAR	Mina Array Bea	88.34	49	P	02 49 37.9	-1.1
J05D	Fort Rock, OR	88.40	43	P	02 49 40.2	+1.1
J05D				I	02 49 41.3	
NV11	Mina Array Sit	88.45	49	P	02 49 40.4	+1.0
NV11				I	02 49 41.4	
MZP	Montezuma Peak	88.71	50	P	02 49 39.9	-0.9
KVN	Kaiserville	88.74	48	P	02 49 41.4	+0.6
KVN				I	02 49 42.7	
IL31	Eielson Array	89.08	17	P	02 49 42.5	+1.0
ILAR	Eielson Array	89.08	17	P	02 49 39.6	-2.0
TPNV	Topopah Spring	89.24	51	P	02 49 43.9	+0.7
TPNV				I	02 49 45.3	
WVOR	Wild Horse Val	89.76	45	P	02 49 45.6	+0.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KPKS Kokpek, KTBS Karatobe, PDGK Podgornoye, KRBS Karabastu, CHKK Chushkaly, KUU Kurty, MRKS Merke, ARXS Arharly, DJR Jarkent.

NEIC 27 03:46:11.2.0.5, 35.958N, 0.008, 97.233W, 0.007, h1km, 3km, Error ellipse: s-maj=1.3km s-min=0.6km az=199.0

NEIC 27 03:46:11.0.4.35.960N, 0.009, 97.233W, 0.01, h7km, 3km, mb_Lg3.1/128, ML3.4/63, ML3.3, Error ellipse: s-maj=1.3km s-min=1.2km az=139.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK029 Liberty Lake, OK031 S. Brethren Rd, ADOK Arcadia Dam, OK052 Battle Ridge R, QUOK Quay, OK048 Pawnee Station, OK049 OKLAHOMA CITY, DEOK Depew, OK051 E0350 and S346, FNO Franklin, BLOK Blackwell, CROK Carrier, G002 Grant County #, KAN13 South Haven SW, T35A Sooner Cattle, OK032 Salt Plains WL, KAN14 Manchester OK, KAN17 Caldwell West, TUL3 Leonard, KAN09 Caldwell North, KAN05 Bluff City North, KAN01 Argonia South, KAN01 West end E0370, KAN08 Anthony Ne Sta, KAN12 Harper Ne Stat, NOKA Waynoka, WMOK Wichita Mountra, RLO Rose Lookout, LOOK Love County, X37A Clayton, U38A Gravette, WFTS Witchita Falls.

Table with columns: SMWD, Station Name, Az, Phase ID, Time, Res. Includes stations like Z35A Perchaven, HHAR Hobbs, FW03 Long Quarter, Z38A Mt. Pleasant, FW07 Weatherford, MIAR Mount Ida, TREL Terrell, CBKS Cedar Bluff, APMT Aspermont, S39A Bolivar, AMTX Amarillo, X40A Basin Creek Fa, WHTX Lake Whitney, WLAR White Oak Lake, WHAR Wyoaly Hollow, FCAR Ozark Folk Cen, SN07 Snyder 07, UALR University of, MGMO Mountain Grove, SN05 Snyder 5, RTBA Rita Blanca, Z41A Richland Creek, POST Post, R40A Maddies Station, P38A Dawn, BRDY Brady, CCAR Cane Creek, LCAR Lake Charles, MSTX Mushoos, T42A Van Buren, 435B Jarrell, SGCY Sterling City, KSCO Kaye Sheddock, P40A Paris, FVM French Village, 143A Soes Landing, OZNA Ozona, SLM Salt Lake, OGLNE Ogallala, HNDO Hondo, Y45A Yeager Farm, C, SDCO Great Sand Dun, N41A Indian Midland, 735A Kennedy, DRIO Del Rio, P43A Skaggs, Pawnee, Q44A Meyer Farm, Va, BRIGG Briggsdale, SAND Sanderson, PLAL Pickwick Lake, WWT Waverly, L40A Anamosa, ECSD EROS Data Cent, OLNey, 833A Chaparral WMA, USIN University of, N23A Red Feather La, SUSD Miller, H40A Norwalk, K22A Casper, SP2N Marine on St.

BKK 27 04:02:36.1±0.7, 5°N, 2°9'8E, h10km, M3.8/3, Mjma3.5/3, ML4.1/2, MLV3.8/2

DJA 27 04:02:38.0±0.6, 4°N, 5°9'8E, h17km, 5km, M3.5/6, MLV3.5/6

ISC 27 04:02:38.0±1.1, 4.42N, 0.07, 97.35E, 0.05, h10km, n8, c188/10, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LAMI Langsa, LHSI Lhok Sumawe, LHMJ, MLSI Meulaboh, KULM Kulim, GSI Gunungsitoli, IPUK Ipuh, PKDT, SRIT Nakonsritamara.

IDC 27 04:21:46.6±3.8, 36°33'N, 70°46'E, h192km, 35km, mb3.5/12, mbmp4.1/17, Error ellipse: s-maj=23.6km s-min=17.7km az=26.0

NEIC 27 04:21:49.9±1.2, 36°54'N, 0°06'70.41E, 0.09, h212km, 5km, mb4.2/35, Error ellipse: s-maj=10.0km s-min=9.4km az=7.0

ISC 27 04:21:48.7±0.6, 36°53'N, 0°07'70.45E, 0.07, h204km, n83, c093/84, mb4.0/27, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBL Kabul, CHGR Chuyangaron, SMIJ Simiganj, GAR Gar, BTK Batken, NIL Nilore, AML Almayashu.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, KKAR Karatay Array, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, HRA Herat, KBK Karagaybulak, ULHL Ulahol, CHMS Chumysh, BOOM Boomsokoy usch, USP Ospanovka, TKM2 Tokmak, TARG Taragay, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, ABKAR Abkular array, ABKAR Abkular array, KURBB Kurchatov Arra, BVAR Borovoye Array, AKTO Aktyubinsk, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, SHL Shilling, FIA1 FINESS Array S, FINES FINESS Array B, FINES FINESS Array B, AGG Agios Georgios, ARCES ARCESS Array B, ARCES ARCESS Array B, HFS Hegfong, NC405 NORSAR Array S, NC405 NORSAR Array S, NC303 NORSAR Array S, NB201 NORSAR Array S, NB2 NORSAR Subarra, NOA NORSAR Array B, NOA01 NORSAR Array S, ESDC Sonseca Array, XMS Christmas Isle, TORD Torodi Ar. Bea, IMAR Indian Mountain, J16K Anvik River, J17K VABM Dome, J17K Wolf Creek Mts, J15K Wolf Creek Mts, J19K Poornima, J18K Innoko River, J18K Innoko River, J20K Novinta River, K17K Iditarod, H24K Noodor Dome, L16K Owhat River, DBIC Dimbokro, DBIC Dimbokro, LBTB Lobatse, L18K Granite Mountra, NEA2 Nenana, ILAR Eielson Array, H29M Whitestone, J25K Satcho River, RIDG Independent Ri, RIDG Independent Ri, DHY Denali Highway, K27K Chicken, SUA Susitna One, SCM Sheep Creek 1a, BCM Beaver Creek A, BOSA Beaver, BOSA Boshof, SDPT Denali Highway, KDAD Kodiak Island, CTGM Chitina Glacier, WRA Warramunga Arr, W2B Warramunga Arr, ASAR Alice Springs, PLCA Paso Flores, DJA 27 04:30:46.1±7.2, 5°S, 3°12'E, h19km, 19km, M3.6/7, MLV3.6/7, Ceram Sea

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like Telida, Farewell, Nowinta, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like Camden Bay, Salcha River, Paxson, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like Keskin Array B, Faro, Yutkon, etc.

27d 4h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like JAP San Jose, GSPH General Santos, AUQP San Andres, etc.

2018 SEP

Table with columns for station name, frequency, mode, and signal strength. Includes stations like XAN Xi'an, XAN comp-Z,25nm,0.7s, XAN comp-Z,400nm,6.7s, etc.

1690

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ASAR comp-Z,1.7nm,0.8s, ASAR comp-Z,0.7nm,0.9s, ASAR comp-Z,4.8nm,0.6s, etc.

CDOP		eS	Sn	05 23 39.7	-0.1
CGP	Caqayan de Oro	2.64 222	LP	05 23 09.5	0.0
CGP		i/S	Pn	05 23 42.7	+2.4
TBP	Tagbilaran	2.69 259	LP	05 23 10.2	0.0
TBP		eS	Pn	05 23 44.6	+3.1
LSP	Lazi, Siquijor	3.10 246	LP	05 23 15.4	+0.6
LSIP		eS	Pn	05 23 58.7	+7.1
SNPH	Sibulan	3.39 252	LP	05 23 20.9	+1.2
SNPH		eS	Pn	05 24 07.8	+9.1
DAV	Davao City (W)	3.45 195	Pn	05 23 20.9	+0.3
DAV	Davao City-MI	3.46 196	eP	05 23 28.3	+7.6
DMPH		eS	Sn	05 23 16.3	+1.6
DCPH	Dipolog City	3.60 240	eP	05 23 22.8	+0.2
KCP	Kidapawan	3.67 202	eP	05 23 27.6	+4.1
KCP		i/S	Pn	05 24 13.6	+8.0
CNOP	Candoni, Negro	3.84 261	eP	05 23 26.0	0.0
CNOF		eS	Pn	05 24 13.7	+3.8
RCP	Roxas	3.85 287	eP	05 23 26.7	+0.6
LQP	Lukban	6.08 308	eP	05 23 55.5	-1.3
TNTI	Teranate	9.63 175	Pn	05 24 46.6	+1.2
TOLIZ	Tolitol	10.86 212	Pn	05 24 59.7	-2.5
SBUM	Sibu	16.24 242	Pn	05 26 13.1	-1.5
GUMO	Guam	18.24 178	LR	05 33 42.3	
SOEI	Soe	20.17 186	LP	05 27 00.7	+0.2
SOEI		Iamb	Iamb	05 27 23.7	
JCJ	comp=Z,4.0nm,1.0s		LR	05 33 59.5	
Chichijima	22.22 40	LR	LR	05 33 59.5	
MTN	comp=Z,4.5nm,20.1s,baz=122,slow=31				
Mantou Dam	23.57 169	P	P	05 27 37.2	+0.9
MTN		Iamb	Iamb	05 27 57.6	
KNRA	comp=Z,1.5nm,0.8s				
Kununurra	26.03 175	P	Iamb	05 27 59.3	+0.6
KNRA		Iamb	Iamb	05 28 11.7	
PHRA	Phrae	26.64 291	P	05 28 03.7	-0.7
Chiang Mai Arr	27.82 290	P	P	05 28 13.4	-1.9
RPSI	Rantau Prapat	28.43 256	P	05 28 18.8	-1.6
RPSI		Iamb	Iamb	05 28 45.5	
XAN	comp=Z,5.7nm,0.9s				
Xi'an	28.49 328	P	P	05 28 23.3	+2.5
XAN		Pmax	Pmax		
WB0	comp=Z,9.0nm,1.1s				
Warramunga Arr	30.99 165	P	P	05 28 41.3	-1.8
WRA	Warramunga Arr	31.15 166	P	05 28 43.6	-0.8
WRA	comp=Z,1.0nm,0.7s,baz=341,slow=9.9,SNR=5.8				
Warramunga Arr	31.15 166	P	P	05 28 42.6	-1.8
WB2	comp=Z,1.0nm,0.7s				
Warramunga Arr	31.15 166	P	P	05 28 43.7	-0.7
WB2		Iamb	Iamb	05 29 06.7	
WFO	comp=Z,5.2nm,1.0s				
Warramunga Arr	31.21 165	P	P	05 28 46.7	+1.7
WFO		Iamb	Iamb	05 28 58.7	
MBWA	Marble Bar	32.08 192	P	05 28 51.9	-0.7
PSA00	Pilbara Seismi	32.46 192	P	05 28 55.9	0.0
PSA00	Pilbara Seismi	32.46 192	P	05 29 07.7	+0.2
PSA00		Iamb	Iamb	05 29 04.0	
ASAR	comp=Z,6.9nm,0.9s				
Alice Springs	34.65 168	P	P	05 29 13.9	-1.1
CTA	comp=Z,0.9nm,0.6s,baz=352,slow=7.0,SNR=11				
Charters Tower	36.02 147	LR	LR	05 44 34.2	
CTA	comp=Z,6.5nm,20.2s,baz=307,slow=37				
Charters Tower	36.02 147	P	P	05 29 27.9	+1.1
SHL	Shillong	36.06 299	P	05 29 32.7	-1.8
SHL		Iamb	Iamb	05 29 54.7	
GTA	comp=Z,9.0nm,1.1s				
Gaotai	37.38 325	eP	pP	05 29 38.5	+0.1
GTA		pP	pP	05 29 49.8	+2.1
GTA		Pmax	Pmax		
H11S3	comp=Z,3.0nm,1.1s				
WAKE ISLAND Hy	39.66 74	T	T	06 12 59.3	
H11S1	comp=Z,2.6nm,0.6s,baz=262,slow=7.4,SNR=6.5				
WAKE ISLAND Hy	39.68 74	T	T	06 13 01.4	
H11S2	comp=Z,2.6nm,0.6s,baz=262				
WAKE ISLAND Hy	39.68 74	T	T	06 12 58.2	
H11N1	comp=Z,2.6nm,0.6s,baz=262,slow=7.4,SNR=10				
WAKE ISLAND Hy	40.00 72	T	T	06 13 36.9	
H11N2	comp=Z,2.6nm,0.6s,baz=265,slow=7.4,SNR=10				
WAKE ISLAND Hy	40.02 72	T	T	06 13 37.0	
H11N3	comp=Z,2.6nm,0.6s,baz=265,slow=7.4,SNR=14				
WAKE ISLAND Hy	40.02 72	T	T	06 13 38.7	
MORW	comp=Z,9.9nm,1.1s				
Morawa	40.54 194	P	Iamb	05 30 05.1	+0.4
MORW		Iamb	Iamb	05 30 20.0	
SONM	comp=Z,9.8nm,0.9s				
Songino Array	40.95 339	P	P	05 30 09.9	+1.8
FORT	Forrest	40.99 178	P	05 30 09.8	+1.2
BBOO	Buckleboo	43.95 166	P	05 30 27.2	+0.2
BBOO		Iamb	Iamb	05 30 42.0	
NWAO	comp=Z,8.1nm,0.8s				
Narrogin (SRO)	44.00 191	P	P	05 30 32.5	-0.3
STKA	Stephens Creek	44.47 162	P	05 30 37.3	+0.6
STKA	Stephens Creek	44.47 162	P	05 30 37.2	+0.6
DZM	comp=Z,1.7nm,0.5s				
Mont Dzumac	50.77 130	LR	LR	05 51 01.4	
MKAR	comp=Z,5.8nm,20.3s,baz=345,slow=34				
Makanchi Array	52.04 323	P	P	05 31 34.9	0.0
MKAR	comp=Z,0.6nm,0.3s,baz=124,slow=8.0,SNR=7.7				
Makanchi Array	52.04 323	P	P	05 31 34.4	-0.6
ZALV	comp=Z,2.0nm,0.3s				
Zalesovo Beam	54.60 331	P	P	05 31 53.0	-0.6
KURK	comp=Z,1.0nm,0.4s				
Kurchatov	56.07 325	P	Iamb	05 32 03.6	-0.5
KURK		Iamb	Iamb	05 32 12.9	
KURSB	comp=Z,4.4nm,0.8s				
Kurchatov Arra	56.08 325	P	P	05 32 03.6	-0.6
RAO	comp=Z,3.4nm,18.2s,baz=34,slow=36				
Raoul Island	66.52 128	LR	LR	06 02 05.9	
ABKAR	comp=Z,3.4nm,18.2s,baz=34,slow=36				
Akbulak array	66.91 319	P	P	05 33 16.6	-0.8
O18K	Koktuh Hills	75.17 31	P	05 34 09.3	+2.0
E19K	Redstone River	75.18 23	Iamb	05 34 09.1	+1.9
E19K		Iamb	Iamb	05 34 10.0	
H19K	comp=Z,8.2nm,1.1s				
Roundabout Mou	75.22 25	P	P	05 34 09.3	+1.9
H19K		Iamb	Iamb	05 34 37.5	
B20K	comp=Z,9.9nm,1.0s				
Meade River	75.60 20	P	P	05 34 10.0	+0.5
F20K	Aavaart Lake	75.70 23	P	05 34 11.7	+1.6
IMAR	Indian Mountain	76.37 24	P	05 34 15.7	+1.6
B21K	Ikipikup River	76.42 21	P	05 34 15.8	+1.6
B21K		Iamb	Iamb	05 34 35.0	
BPAW	comp=Z,7.3nm,1.1s				
Bear Paw Mtn.	77.42 26	Iamb	Iamb	05 34 22.9	
RAYN	comp=Z,6.6nm,1.2s				
Ar Rayn	77.72 292	P	Iamb	05 34 20.2	-2.3
RAYN		Iamb	Iamb	05 34 24.9	
RND	comp=Z,5.5nm,1.1s				
Reindeer	78.36 27	Iamb	Iamb	05 34 27.3	
PWL	comp=Z,5.7nm,1.2s				
Port Wells	78.42 30	P	P	05 34 28.5	+1.7
PWL		Iamb	Iamb	05 34 32.9	
ILAR	comp=Z,6.7nm,1.0s				
Eielson Array	79.21 26	P	P	05 34 29.1	-0.7
RIDG	comp=Z,0.3nm,0.7s,baz=263,slow=5.2,SNR=2.4				
Independent Rr	80.14 27	P	P	05 34 35.8	+0.8
RIDG		Iamb	Iamb	05 34 43.1	
CTGM	comp=Z,5.2nm,1.2s				
Chitina Glacier	82.03 29	Iamb	Iamb	05 34 49.3	
M30M	comp=Z,2.2nm,1.1s				
Minto, Yukon	83.91 28	Iamb	Iamb	05 35 15.5	
ARCES	comp=Z,2.2nm,1.1s				
ARCES Array B	84.13 340	P	P	05 34 56.1	+0.4
TORD	comp=Z,3.2nm,0.9s,baz=75,slow=6.4,SNR=6.5				
Tordi Ar. Bea	120.42 292	PKP	PKP	05 41 16.5	-0.8
PLCA	comp=Z,0.8nm,1.0s,baz=55,slow=3.6,SNR=3.0				
Paso Flores	146.26 156	PKP	PKP	05 42 05.4	+0.6
PLCA	comp=Z,3.4nm,1.0s,baz=225,slow=4.0,SNR=6.4				

NNC 27 05:27:04.9:15.0,36.26N:70.10E,h45km,s23km,mb4.1, mpv3.8,4C,Error ellipse: s-maj=134.2km s-min=113.1km az=152.0,Hindu Kush region

KK09	Karatay Array	6.86 2	IP	Pn	05 28 43.8	+1.0
AAK	4A-Archa	7.21 27	IP	Pn	05 28 46.8	-1.1
AAK		2.7nm,0.5s				
AAK		6.8nm,0.9s				
AB31	Akbulak array	14.95 33	IP	Sn	05 30 33.3	+0.2
AB31		1.5nm,0.3s,baz=156,slow=12,SNR=56				
IDC 27 05:28:53.6:0.4,6.93S:131.04E,h0km,mb4.9/16, mbmp4.9/18,ML5.6/2,MS3.6/7,Error ellipse: s-maj=26.5km s-min=12.2km az=76.0						
BUJ 27 05:28:55.7:0.0,7.24S:131.20E,h46km,mb5.2/61, mB5.3/29,Ms4.8/6,Ms7.4/6/7						
MOS 27 05:28:58.1:0.9,6.80S:131.07E,h42km,mb5.3/37,Error ellipse: s-maj=11.9km s-min=5.7km az=123.1						
NEIC 27 05:29:00.8:1.5,6.86S:0.06:131.11E:0.08,h48km,5km, Mb5.1/79,Error ellipse: s-maj=10.9km s-min=8.0km az=80.0						
DJA 27 05:29:01.9:0.2,7.5S:2.13E,h76km,2km,M5.2/52, mB5.3/52,mB5.0/23,MLV.7/12,Mw(mB)5.1/23, Mw(Mw)0.57,MLw0.9/1						
GCMT 27 05:29:02.8:0.4,6.91S:0.03:131.17E:0.03,h73km,4km, MW4.9/55, Moment Tensor Solution. s27.c34; s55.c73; Duration: 0 Moment tensor: Scale 1016Nm; Mr1.52t,15; Mw:2.91t,12; Mw:1.39t,15; Mw:0.11t,11; Mw:0.43t,15; Mw:0.69t,09; Best double couple: Mo2.56200x10^16 NP1:0.61,0.00000,0.559,0.00000,0.143,0.00000. NP2: 0.6310,0.00000,0.559,0.00000,0.143,0.00000. Principal axes: P 2.1700, Plg47.0000, Azm276.0000; N 0.7830, Plg43.0000; Azm95.0000; P -2.9530, Plg1.0000; Azm186.0000; nst2a refers to surface waves, cutoff=50s. Triangular						
ISC 27 05:29:01.4:0.4,6.98S:0.03:131.20E:0.05,h66km,3km, h66km;p-P,n371,i1940/371,mb5.1/104,15C-10D, Tanibar Islands region						
Code	Station Name	A° AZ°	Phase ID	Time Res	ISC	ISC
SAUI	Saumlaki	1.00 174	Op	05 29 22.7	+2.9	
SAUI	Saumlaki	1.00 174	Pn	05 29 23.0	+3.3	
SAUI	Saumlaki	1.00 174	Pn	05 29 22.8	+3.0	
BNDI	Bandanaira	2.76 332	P	05 29 45.0	+1.6	
BNDI	Bandanaira	2.76 332	P	05 29 44.9	+1.6	
KMPI	Kaimana, Papua	4.13 37	P	05 30 02.0	-0.1	
FAKI	Fak Fak	4.17 15	Pn	05 30 02.8	+0.2	
FAKI	Fak Fak	4.17 15	Pn	05 30 03.0	+0.4	
FAKI	Fak Fak	4.17 15	Pn	05 30 02.8	+0.2	
MSAI	Masohi	4.26 328	P	05 30 05.4	+1.6	
AAI	Ambon	4.43 317	P	05 30 07.3	+1.1	
KRAI	Karang Ratu	4.58 322	P	05 30 10.6	+2.3	
NLAI	Namlea	5.52 312	P	05 30 23.4	+2.4	
KDU	Kakadu	5.81 168	P	05 30 25.1	0.0	
KDU	Kakadu	5.81 168	P	05 30 25.2	+0.1	
MTN	Mantou Dam	5.83 181	Pn	05 30 26.0	+0.7	
KDU	Mantou Dam	5.83 181	Pn	05 30 25.7	+0.4	
SANI	Sanana	7.13 313	P	05 30 46.4	+3.2	
SANI	Sanana	7.13 313	P	05 30 45.4	+2.2	
SOEI	Soe	7.39 248	Pn	05 30 47.6	+0.8	
SOEI	Soe	7.39 248	Pn	05 30 48.2	+1.4	
SOEI	Soe	7.39 248	Pn	05 30 48.1	+1.3	
BATI	Baumata	8.11 246	P	05 30 57.6	+1.0	
BBSI	Bau Bau	8.70 279	P	05 31 07.6	+2.9	
KNRA	Kununurra	8.97 195	Pn	05 31 07.4	-0.9	
KNRA	Kununurra	8.97 195	Pn	05 31 07.5	-0.7	
MMRI	Maumere	9.03 259	Pn	05 31 10.5	-2.6	
MMRI	Maumere	9.03 259	Pn	05 31 10.8	+1.7	
MMRI	Maumere	9.03 259	Pn	05 31 10.6	+1.5	
EDFI	Ende, Flores	9.58 259	P	05 31 17.5	+0.7	
GENI	Genyem	9.94 64	P	05 31 20.3	-1.3	
JAY	Jayapura	10.46 65	P	05 31 28.1	-0.6	
BSSJ	Bau Bau, Buton	10.67 274	P	05 31 34.0	+2.5	
BKSI	Bulukumba	11.13 278	P	05 31 39.7	+1.8	
APSI	Ampana	11.27 302	P	05 31 42.4	+2.7	
BNSI	Bone	11.33 282	P	05 31 43.2	+2.7	
KAPI	Kappang	11.55 279	Pn	05 31 44.4	-2.2	
KAPI	Kappang	11.55 279	Pn	05 31 44.8	+1.2	
KAPI	Kappang	11.55 279	Pn	05 31 46.1	+2.5	

27D 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like EROS Data Cent, Junction City, Paso Flores, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like SANI Sanana, LUWI Luwuk, APFI Ampana, etc.

TRN 27 05:54:24.1, 10.37N, 62.18W, h16km, MD3.6, Gulf of Paria.

FUNV 27 05:54:25.4, 10.38N, 62.06W, h16km, MWV3.5, ISC 27 05:54:24.3-1.5, 10.32N, 62.04, 62.13W, 0.04, h17km, 11km, n15, e133/28, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like TCE Chacachacare, TPP Pointe-a-Pierr, TRN Trinidad (W), etc.

NNC 27 05:55:08.5, 21.0, 36.87N, 69.58E, h0km, mb3.6, mpv3.3, 1C-2D, Error ellipse: s-maj=202.8km s-min=158.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like KK31 Karatay Array, KK09 Karatay Array, etc.

MOS 27 05:55:08.9, 1.0, 51.67N, 178.44W, h16km, mb4.9/34, Error ellipse: s-maj=8.6km s-min=7.8km az=140.1

AEIC 27 05:55:08.8, 1.3, 51.55N, 178.39W, 0.05, h7km, 4km, Error ellipse: s-maj=10.8km s-min=4.2km az=165.0

NEIC 27 05:55:10.5, 1.2, 51.60N, 178.41W, 0.05, h10km, 1km, mb4.8/279, ML4.8(AEIC), Error ellipse: s-maj=13.1km

GCMT 27 05:55:11.5, 0.3, 51.68N, 178.38W, 0.03, h20km, 1km, MW4.8/74, Moment Tensor Solution. s20, c25, s74, c101; Duration: 0. Moment tensor: Scale 10^10Nm; Mr=1.60c; 19; Mw=0.07; 15; M0=1.53; 11; Mw=1.01; 32; Mw=1.25; 07; Mw=0.85; 21; Best double couple: Mo2.39000, 1016

NP1=180.00000, 658.00000, -48.00000; NP2= 90301.00000, 651.00000, -137.00000; Principal axes: T=2640, P1g=4.00000, Azm242.00000, N=0.00000, P1g35.00000, Azm335.00000; P=2.5150, P1g55.00000; Azm146.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rater function

IDC 27 05:55:13.1, 2.1, 51.83N, 178.56W, h35km, 15km, mb4.1/23, mbmp4.3/26, ML4.4/2, MS3.8/53 Error ellipse: s-maj=17.1km s-min=11.3km az=173.0

ISC 27 05:55:09.2, 0.4, 51.54N, 178.38W, 0.02, h10km, n732, s113/696, mb4.8/162, MS3.9/57, 9C-5D, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like GALAA Gareloi Lava P, GAEA Gareloi East, TASE Tanaga Southea, etc.

2018 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like NIKH Nikolski High, OKKE Okmok Cone E, OKMC Okmok New Cone, etc.

1694

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like O19K Port Alsworth, KDAK Kodiak Island, KDAK Kodiak Island, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include B18K Kokolik River, GLI Glacier Island, RND Reindeer, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include E23K Chandalar, E23K Chandalar, E23K Porcupine Dome, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include K29M Barlow Dome, I29M Ogilvie Camp, I29M Ogilvie Camp, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TXAR, TXAR, TXAR, TXAR, ABTX, OZNA, OZNA, HPIG, HPIG, SAND, SAND, KURK, KURK, KURB, KURB, PLPT, WMOQ, WMOQ, SCHO, X37A, BRDY, JCT, JCT, MKAR, MKAR, MKAR, DRIO, DRIO, FCAR, FCAR, MIAR, MIAR, MIAR, MIAR, BVAR, BVAR, O48B, 833A, P49A, HKT, HKT, HKT, HNR, KIRV, KIRV, PZH, PZH, ZAIK, ZAIK, TKL, FINES, FINES, AAK, NOA, AKTO, HFS, TAOE, TAOE, KSH, KSH, CRAI, CRAI, BELG, SHL, SHL, CMAR, CMAR, PMOR, CMIG, PPT, PPT, EKA, RAR, DZM, DZM, AKASG, AKASG, AKASG, KAPI, KBZ, KBZ, KBZ, TBI, TBI, GERES.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MLR, WNI, WRA, WRA, RKT, RKT, JTS, FITZ, BRTR, BRTR, AS31, AS31, ASAR, SJG, STKA, STKA, STKA, STKA, MDT, TORD, H03N2, H03N1, H03N3, BDFB, CPUP, QSPA, MAW, BOSB, ELIB, TRN, FUNV, ISC, TCE, PSMG, PSKH, TRN, GRFF, GRGR, PCRV, PCRV, CACV, BENV, BAUV, BAUV, ISC, SCPH, SCPH, PLP, PLP, MSLP, MSLP, TABP, TABP, TASP, TASP, GHPB, GHPB, LLP, LLP, CDOF, CDOF, TBP, TBP, CGP, CGP, LSPJ, LSPJ, SNPH, SNPH, DCHP, DCHP, KCP, KCP, CNOP, CNOP, WRA, WRA, ASAR, ASAR, H1N1, H1N1, H1N2, H1N2, H1N3, H1N3, MKAR, MKAR, ZALV, ZALV, KURBB, KURBB, BVAR, BVAR, ARCES, ARCES, TORD, TORD, PLCA, PLCA.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZAAO, ZAAO, KURK, KURK, KURBB, KURBB, MK31, MK31, RAO, RAO, MSRV, MSRV, URZ, URZ, ASAR, ASAR, WRA, WRA, QSPA, QSPA, MAW, MAW, TROLL, TROLL, VNA3, VNA2, HFS, HFS, ISC, OK029, OK029, OK029, OK031, OK031, ADOK, ADOK, OK052, OK052, QUOK, QUOK, OK048, OK048, OKCSW, OKCSW, DEOK, DEOK, DEOK, OK051, OK051, OK051, FNO, FNO, BLOK, BLOK, CROK, CROK, CROK, GC02, GC02, KAN13, KAN13, T35A, T35A, T35A, OK032, OK032, KAN14, KAN14, KAN14, KAN17, KAN17, TUL3, TUL3, TUL3, KAN09, KAN09, KAN09, KAN09, KAN09, OK039, OK039, KS21, KS21, X440, X440, NOKA, NOKA, WMOK, WMOK, ELIS, ELIS, RLO, RLO, LOOK, LOOK, LOOK, X37A, X37A, Z35A, Z35A, HHRH, HHRH, FW06, FW06, PLPT, PLPT, MIAR, MIAR, APMT, APMT.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like S39A Bolivar, AMTX Amarillo, WHAR Woolly Hollow, etc.

NEIC 27 07:01:10.9.1.5.28.04S:0.06:68.9W:0.1, h93km, 9km, mb4.0/7, ML4.0(GUC), Error ellipse: s-maj=13.6km s-min=8.0km az=100.0

SJA 27 07:01:10.5.0.6.27.97S:69.01W, h121km, 3km, ML3.8, MW3.8

IDC 27 07:01:11.8.3.1.27.87S:68.84W, h115km, 31km, mb3.6/5, mbmp3.9/9, MS2.8/1, Error ellipse: s-maj=31.8km s-min=24.8km az=101.0

GUC 27 07:01:12.0.0.8.27.97S:69.11W, h116km, 9km, ML4.0

VAO 27 07:01:13.3.3.3.28.15S:68.79W, h125km, mb3.8

ISC 27 07:01:11.2.2.0.7.28.00S:0.03:69.03W:0.03, h116km, 7km, n108, r1552/129, mb4.0/6, 12C-1D, Northern Chile

Main table of station data with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like VCA Vinchina, G003 Copiap, AC04 Llanos de Chal, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like ACHE Chepes, ACHE Leoncito, RTLS Cerro Valdivia, etc.

MT08 Bocatomá Ro 5.50 189 Pn Pn 07 02 31.5 +0.5

MT16 CCHEN 6.00 196 Pn Pn 07 02 23.1 +1.1

MT03 Universidad Ad 5.63 193 Pn Pn 07 02 31.4 -1.3

ITAB Concordia 15.00 91 Pn Pn 07 04 36.7 -0.5

WILB Vilhena 17.09 31 Pn Pn 07 05 03.5 +0.4

SAML Samuel 19.73 17 Pn Pn 07 05 35.9 -1.8

ATAH Atahuallpa 22.57 335 LR LR 07 14 07.8

BRG Brasilia 23.01 62 Pn Pn 07 06 04.8 -1.7

WNA2 Neumayer-Watz 54.61 159 P P 07 10 28.4 +1.0

SNAA Sanae 56.23 160 P P 07 10 39.4 +0.4

TROLL Troll, Antarti 57.94 160 P P 07 10 52.1 +1.0

QSPA South Pole Qui 62.22 180 P P 07 11 22.3 +1.8

MAW Mawson 78.17 163 P P 07 12 58.5 +1.1

TORD Torodi Arr, B 79.70 69 P P 07 13 07.4 +0.8

ASAR Alice Springs 124.08 206 PKPKIP 07 19 55.5 -1.4

WRA Warramunga Arr 127.25 208 PKPKIP 07 20 03.9 +0.5

PRU 27 07:13:23.7.1.43N:16.08E, h0km VIE 27 07:13:31.0.0.3.50.69N:16.27E, h0km, mb2.6/4, ml2.6/4, Error ellipse: s-maj=7.3km s-min=3.5km az=99.0, Suspected Mining Induced.

ISC 27 07:13:19.8.0.9.51.58N:0.03:16.12E:0.03, h0km, n31, r1507/54, Poland

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like KSP Ksiaz, KSC Chvacek, CHVC Ostas, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like VYHS Vyhne, VYHS Bornholm Skovb, MOA Mollin, etc.

NNC 27 07:18:46.2.0.4.49.98N:78.68E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=10.4km s-min=1.5km az=75.0, Suspected Mining explosion.

IDC 27 07:18:48.0.1.1.50.05N:78.74E, h0km, mbmp2.7/2, r1.9/1, Error ellipse: s-maj=14.2km s-min=6.6km az=65.0

ISC 27 07:18:46.5.2.6.49.96N:0.07:78.4E:0.3, h0km, n17, r0557/26, 18C-6D, Eastern Kazakhstan

Main table of station data with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like KUR07 Kurchatov Arra, KUR16 Kurchatov Arra, etc.

IDC 27 07:27:02.0.0.6.10.37N:126.24E, h0km, mb4.2/14, mbmp4.2/14, MS3.4/4, Error ellipse: s-maj=47.5km s-min=14.6km az=71.0

NEIC 27 07:27:09.8.1.0.10.43N:0.08:126.0E:0.1, h46km, 8km, mb4.7/40, Error ellipse: s-maj=18.5km s-min=12.0km az=87.0

ISC 27 07:27:08.9.1.6.10.44N:0.05:126.38E:0.09, h49km, 14km, n89, r1561/88, mb4.6/32, 11C-7D, Philippine Islands region

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like SCPH Surigao, MSLP Maasin, PALO Palo, etc.

Table with columns: Code, Station Name, Az, Az3, Phase ID, Time, Res. Includes stations like H11N1 WAKE ISLAND, H11N2 WAKE ISLAND, etc.

NEIC 27 07:53:02.1+1.7, 58:43S:0:09:25:25W:0:09, h10km, 1km, mb4.9/46, Error ellipse: s-maj=17.6km s-min=3.4km az=25.0

Table with columns: Code, Station Name, Az, Az3, Phase ID, Time, Res. Includes stations like HOPE Hope Point, ORCD Orcadas, etc.

Main table with columns: Code, Station Name, Az, Az3, Phase ID, Time, Res. Includes stations like EFI East Falkland, SM01 San Martin Ant, GO09 Cerro Castillo, etc.

Main table with columns: Code, Station Name, Az, Az3, Phase ID, Time, Res. Includes stations like PRPB Paraupebas, NPGB Novo Progresso, SAML Samuel, etc.

27d 8h

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Station ID, Station Type, Date, Time, and Residual. Includes stations like Steele Glacier, L29M, Inuvik, etc.

2018 SEP

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Station ID, Station Type, Date, Time, and Residual. Includes stations like McKinley, Sitkinak Island, Hadweznick Riv, etc.

1700

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Station ID, Station Type, Date, Time, and Residual. Includes stations like Purcell Mounta, Timber Creek, Redstone River, etc.

ICD 27 07:55:21.6:2.0, 18.19Sx178.16W, h589km, 21km, mb3.1/5, mbmp4.0/6, Error ellipse: s-maj=29.6km s-min=26.7km az=67.0

ISC 27 07:55:21.5:1.4, 18.25S:0.2x178.1W:0.3, h590km, n6, r1836.6, mb3.4/4, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Station ID, Station Type, Date, Time, and Residual. Includes stations like Nonsauv, Urewera, Waramunga Ar, etc.

ICD 27 08:07:36.0:1.4, 0.103N:125.62E, h0km, mb3.9/6, mbmp3.9/6, Error ellipse: s-maj=188.4km s-min=20.4km az=67.0

ISC 27 08:07:36.1:0.9, 10.33N:0.05x126.54E:0.05, h10km, n24, r197/34, mb4.2/7, 8C-6D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Station ID, Station Type, Date, Time, and Residual. Includes stations like Surigao, Maasin, Palo, Talacogon, Agoh, etc.

1701

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, MKAR Makandi Array, KURBB Kurchatov Arra, etc.

RSNC 27 08:10:48.9-0.2, 10°N, 1°7'W, h0km, 12km, M3.8, mb4.2, mB5.0, ML3.3, Mw(mB)4.3
UPA 27 08:10:50.0-0.3, 10°06'N, 77°93'W, h8km, 12km
UCR 27 08:10:57.4-1.6, 10°45'N, 78°66'W, h0km, 99km
CATAC 27 08:10:57.2-0.7, 10°39'N, 78°55'W, h10km, mB5.3, MB5.7, ML5.0

ISC 27 08:10:46.4-0.9, 10°21'N, 0°05'W, 77.85W, 0.04, h10km, n120, z=209/175, 1C-2D, North of Panama

Main station list for 1701 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TOTTI Torti, CHPO Chepo, CAPC Capurgana, etc.

2018 SEP

Main station list for 2018 SEP with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BARC San Farael, RAFA San Farael, RAFA San Farael, etc.

27d 9h

Main station list for 27d 9h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRPR Cabo Rojo, MLPR Maguueys Islan, MLPR Maguueys Islan, etc.

NEIC 27 08:18:22.6-0.6, 19°0N, 0°2'-68°37'W, h0km, 17km, ML2.3/12, Md2.8/4(RSPR), Error ellipse: s-maj=34.1km
RSPR 27 08:18:27.8, 18°85'N, 67°76'W, h139km, 9km, MD2.8/4
ISC 27 08:18:21.8-1.7, 18°39'N, 0°2'-68°42'W, h100km, n120, z=170/23, 4D, Mona Passage

27/10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CASP Castiglione de, DRGR, CJR Cluj-Napoca, etc.

2018 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NIE Niedzica, MDBI Mazsada, KRUC Moravsky, etc.

1704

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PRU Pruhonice, SENIN Lac Senin/Sane, UPCE Ulice, etc.

27d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SPITS, BOOM, KUUR, CHKK, MDOK, KURK, etc.

2018 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSZ, HYB, BOK, RAGD, KOD, GOMU, etc.

1706

Table with columns for station name, frequency, power, and other technical details. Includes stations like XLT, SUR, XAN, XAN, XAN, etc.

1707 **2018 SEP** **27d 10h**

F31M	Tsightechic	74.48	350	P	P	10 33 26.2	-0.3
D23K	Nanushuk River	74.48	357	I	Amb	10 33 37.9	
D23K	Nanushuk River	74.48	357	P	P	10 33 26.5	-0.2
C19K	Lookout Ridge	74.51	0	P	P	10 33 26.6	-0.2
M53A	WJ Miller and	74.57	310	P	P	10 33 28.2	+0.6
KLR	Kul'dur	74.57	40	P	P	10 33 26.2	-1.3
KLR	Kul'dur	74.57	40	eP	pmax	11 09 24.9	
F30M	Barrier River	74.58	351	P	P	10 33 27.3	+0.1
D22K	Aiyikyak River	74.64	358	P	I	10 33 31.5	+3.9
D22K	Aiyikyak River	74.64	358	P	I	10 34 22.0	
E27K	Coleen River	74.65	353	P	P	10 33 27.7	0.0
TOLK	Toolik Lake Re	74.76	357	I	Amb	10 34 05.2	
TOLK	Toolik Lake Re	74.76	357	P	P	10 33 27.5	-0.8
DL2	Dalian	74.89	53	P	S	10 33 32.5	+3.0
DL2	Dalian	74.89	53	eS	pmax	10 43 10.8	+4.8
DL2					LR		
DL2					LR		
DL2					LR		
D20K	Etlukw River	74.93	359	P	P	10 33 28.4	-0.6
C18K	Utukok River	74.95	1	P	I	10 33 29.4	0.0
C18K	Utukok River	74.95	1	P	I	10 33 50.9	
YKA	Yellowknife Ar	75.01	340	P	P	10 33 30.1	+0.4
YKA	Yellowknife Ar	75.01	340	P	LR	11 09 13.6	
G31M	Satah River	75.04	350	P	I	10 33 29.8	0.0
G31M	Satah River	75.04	350	P	I	10 33 39.6	
G31M	Satah River	75.04	350	P	P	10 33 29.4	-0.4
F28M	Old Crow	75.04	353	P	P	10 33 29.5	-0.4
MCWV	Mont Chateau	75.08	308	I	Amb	10 33 47.4	
C17K	DeLong Mountai	75.09	2	P	P	10 33 29.3	-0.9
TMAB	Tom-Au,PA,Br	75.11	256	eP	P	10 33 32.4	+1.3
E21K	Killik River	75.12	358	P	P	10 33 29.7	-0.7
D19K	Kuna River	75.12	360	I	Amb	10 34 05.6	
D19K	Kuna River	75.12	360	P	P	10 33 29.4	-1.0
C16K	Lisburne Hills	75.22	3	I	Amb	10 33 42.0	
C16K	Lisburne Hills	75.22	3	P	P	10 33 30.3	-0.6
G30M	Aoah Zraii Nji	75.23	351	I	Amb	10 33 52.0	
G30M	Aoah Zraii Nji	75.23	351	P	P	10 33 29.9	-1.1
E24K	Your Creek	75.27	356	P	P	10 33 31.0	-0.2
E23K	Chandalar	75.34	357	I	Amb	10 33 53.2	
E23K	Chandalar	75.34	357	P	P	10 33 31.0	-0.7
E20K	Nigu River	75.34	359	P	P	10 33 31.1	-0.6
F26K	Sheenjik River	75.35	354	P	P	10 33 30.9	-0.8
E22K	Anaktuvuk Pass	75.36	357	P	P	10 33 30.6	-1.1
MA2	Magadan	75.36	24	P	P	10 33 32.3	+0.4
MA2	Magadan	75.36	24	LR	LR	11 11 26.3	
RDOG	Red Dog Mine	75.51	2	P	P	10 33 32.0	-0.6
G29M	Pine Creek	75.52	352	I	Amb	10 33 49.2	
G29M	Pine Creek	75.52	352	P	P	10 33 32.6	-0.1
F25K	Christian River	75.56	355	P	P	10 33 32.4	-0.6
O53A	New Philadelph	75.59	310	P	P	10 33 32.7	-0.9
F24K	Squaw Lake	75.78	356	P	P	10 33 33.0	-1.2
D17K	Noatak River	75.87	2	P	P	10 33 33.5	-1.0
EPYK	Eagle Plains	75.88	351	I	Amb	10 34 03.6	
EPYK	Eagle Plains	75.88	351	P	P	10 33 34.4	-0.3
GRNR	Gormy	75.89	361	P	pmax	10 33 35.8	+0.7
F22K	John River	76.00	357	P	P	10 33 35.7	+0.3
G27K	Doyon Strip	76.00	353	P	P	10 33 35.5	0.0
G26K	Porcupine River	76.05	354	P	P	10 33 35.2	-0.5
H31M	Peel River	76.10	350	P	P	10 33 35.4	-0.7
E19K	Redstone River	76.16	359	I	Amb	10 33 41.6	
E19K	Redstone River	76.16	359	P	P	10 33 36.1	-0.2
GDU01	Guandu, BA	76.18	241	eP	P	10 33 37.7	+0.6
E18K	Tukpahlearik C	76.19	1	I	Amb	10 33 57.0	
E18K	Tukpahlearik C	76.19	1	P	P	10 33 36.5	+0.1
COLD	Coldfoot	76.20	357	P	P	10 33 36.8	+0.3
H29M	Whitestone	76.22	352	I	Amb	10 33 47.5	
H29M	Whitestone	76.22	352	P	P	10 33 36.7	0.0
MDJ	Mudanjiang	76.28	44	P	pmax	10 33 35.0	-2.4
F21K	Alatina River	76.33	358	I	Amb	10 33 49.0	
F21K	Alatina River	76.33	358	P	P	10 33 37.4	+0.1
G25K	Bearman Lake	76.41	355	P	P	10 33 37.7	0.0
E17K	Hotham Inlet	76.51	1	P	P	10 33 38.5	+0.2
P52A	Corning	76.53	309	P	P	10 33 39.1	+0.2
WRGLY	Wrigley	76.53	344	P	P	10 33 38.3	-0.1
F20K	Avaraart Lake	76.55	359	I	Amb	10 33 49.4	
F20K	Avaraart Lake	76.55	359	P	P	10 33 38.5	0.0
H27K	Steamboat Moun	76.55	353	P	P	10 33 38.1	-0.5
G24K	Hadweenzic Riv	76.57	355	P	P	10 33 38.9	+0.3
COWI	Conover	76.62	318	I	Amb	10 33 47.4	
G23K	Bananza Creek	76.70	357	P	P	10 33 39.8	+0.3
F19K	Shalerruckik Mo	76.79	360	I	Amb	10 33 50.6	

F19K	Shalerruckik Mo	76.79	360	P	P	10 33 39.8	0.0
FFC	Film Flop	76.80	330	I	Amb	10 33 52.0	
H25L	Birch Creek	76.89	355	P	P	10 33 40.4	0.0
I30M	Mount Dempster	76.93	351	I	Amb	10 34 00.9	
I30M	Mount Dempster	76.93	351	P	P	10 33 40.4	-0.5
NJ2	Nanjing	76.97	60	eP	pP	10 33 41.0	-0.5
NJ2	Nanjing	76.97	60	pP	sP	10 33 44.0	-1.6
NJ2	Nanjing	76.97	60	pmax	pmax	10 33 46.3	-0.8
NJ2	Nanjing	76.97	60	pmax	pmax		
Q52A	Bidwell	77.01	309	I	Amb	10 33 54.4	
F18K	Selawik	77.02	0	P	P	10 33 40.4	-0.7
G21K	Atlakaket	77.03	358	I	Amb	10 33 52.8	
G21K	Atlakaket	77.03	358	P	P	10 33 40.9	-0.4
I29M	Ogilvie Camp	77.04	351	I	Amb	10 33 52.2	
I29M	Ogilvie Camp	77.04	351	P	P	10 33 40.9	-0.4
I28M	Miner Creek	77.14	352	I	Amb	10 33 52.9	
I28M	Miner Creek	77.14	352	P	P	10 33 42.1	0.0
I27K	Kandik River	77.17	353	P	P	10 33 41.4	-0.7
I51A	Williamsport	77.19	310	I	Amb	10 33 54.9	
CMC01	Camacan, BA	77.27	240	eP	P	10 33 44.0	+0.8
ULM	Lac du Bonnet	77.30	324	I	Amb	10 34 07.0	
ULM	Lac du Bonnet	77.30	324	P	P	10 33 43.5	+0.5
PDPR	Pattilas Dam	77.44	283	I	Amb	10 34 01.3	
H24K	Noodor Dome	77.45	355	P	P	10 33 43.2	-0.5
G19K	Purcell Mounta	77.48	359	I	Amb	10 34 05.2	
G19K	Purcell Mounta	77.48	359	P	P	10 33 43.6	-0.2
J30M	Hart River	77.54	350	I	Amb	10 33 55.8	
J30M	Hart River	77.54	350	P	P	10 33 43.5	-0.8
H23K	Yukon River	77.56	356	I	Amb	10 33 58.5	
H23K	Yukon River	77.56	356	P	P	10 33 43.5	-0.8
H22K	Ishlailitna Cre	77.58	357	P	P	10 33 43.7	-0.7
PRP	Porcupine Dome	77.60	354	I	Amb	10 34 31.8	
PRP	Porcupine Dome	77.60	354	P	P	10 33 44.4	-0.3
I26K	Coal Creek Min	77.61	353	P	P	10 33 44.5	+0.1
QIZ	Qiongzhong	77.68	75	P	PP	10 33 45.5	-0.2
QIZ	Qiongzhong	77.68	75	PP	SS	10 36 38.0	-2.8
QIZ	Qiongzhong	77.68	75	SS	SS	10 43 38.8	+1.5
QIZ	Qiongzhong	77.68	75	pmax	pmax	10 48 41.8	+4.9
QIZ	Qiongzhong	77.68	75	LR	LR		
QIZ	Qiongzhong	77.68	75	LR	LR		
QIZ	Qiongzhong	77.68	75	LR	LR		
G18K	Tagagawik	77.73	0	I	Amb	10 33 57.2	
G18K	Tagagawik	77.73	0	P	P	10 33 45.2	0.0
TNA	Tin City	77.81	4	P	P	10 33 44.9	-0.7
F15K	North Star Dit	77.81	3	I	Amb	10 34 04.2	
F15K	North Star Dit	77.81	3	P	P	10 33 44.8	-0.9
H21K	Melozitna Riv	77.87	358	P	P	10 33 45.5	-0.4
USA0B	Ussuriysk Arra	77.88	44	I	Amb	10 34 02.3	
USRK	Ussuriysk Arr	77.88	44	P	P	10 33 44.9	-1.5
USRK	Ussuriysk Arr	77.88	44	LR	LR	11 12 26.5	
J29N	Klondike Camp	77.91	351	P	P	10 33 45.9	-0.4
EGAK	Eagle	77.93	352	P	P	10 33 46.0	-0.3
F14K	Arctic Creek	77.98	3	P	P	10 33 46.0	-0.5
O48B	Farmland	78.00	311	P	P	10 33 47.0	-0.1
H19K	Roundabout Mou	78.09	359	I	Amb	10 34 06.0	
H19K	Roundabout Mou	78.09	359	P	P	10 33 46.3	-0.8
H20K	Anotleneaga Mo	78.10	358	P	P	10 33 46.8	-0.4
G17K	Kwik Mouna	78.12	1	P	P	10 33 47.1	-0.2
G17K	Poker Plat Res	78.14	355	P	P	10 33 47.1	-0.3
P49A	Miami Univ. Ec	78.18	311	I	Amb	10 34 00.1	
P49A	Miami Univ. Ec	78.18	311	P	P	10 33 48.3	+0.1
U54A	Nelsons Funny	78.19	307	I	Amb	10 33 57.0	
V55A	Taylorville	78.20	306	I	Amb	10 34 02.1	
I23K	Minto, Yukon-K	78.22	356	P	P	10 33 47.7	-0.1
GUA01	Guaratling, BA	78.31	239	eP	P	10 33 49.8	+0.8
K29M	Barlow Dome	78.40	351	P	P	10 33 48.8	-0.2
MLY	Manley	78.41	357	I	Amb	10 34 00.1	
MLY	Manley	78.41	357	P	P	10 33 48.8	-0.3
MAYO	Mayo, Yukon	78.42	350	P	P	10 33 48.9	-0.1
DAWY	Dawson	78.42	352	I	Amb	10 34 00.5	
DAWY	Dawson	78.42	352	P	P	10 33 48.8	-0.3
L44A	Lak County Fo	78.43	314	P	P	10 33 49.0	-0.5
J26L	Joseph Creek	78.44	353	P	P	10 33 49.5	+0.3
ILAR	Eielson Ar	78.44	355	P	P	10 33 49.2	+0.1
ILAR	Eielson Ar	78.44	355	LR	LR	11 08 42.6	
H18K	Hothosa River	78.48	360	P	P	10 33 48.9	-0.4
J25K	Salcha River	78.48	354	I	Amb	10 34 45.0	
J25K	Salcha River	78.48	354	P	P	10 33 48.7	-0.7
ABR01	Abrolhos, BA	78.51	237	eP	P	10 33 50.2	+0.1
CCB	Clear Creek Bu	78.63	355	I	Amb	10 34 03.1	
H17K	Granite Mouna	78.69	1	P	P	10 33 49.6	-0.9
R50A	Paris	78.71	309	I	Amb	10 34 17.0	
K27K	Chicken	78.75	353	I	Amb	10 34 02.7	
K27K	Chicken	78.75	353	P	P	10 33 50.5	-0.3
NEA2	Nenana	78.76	356	P	P	10 33 50.7	-0.2

I20K	Naagheedeneel	78.78	358	P	P	10 33 50.5	-0.5
HDA	Harding Lake	78.81	355	I	Amb	10 34 01.9	
HDA	Harding Lake	78.81	355	P	P	10 33 50.8	-0.3
PRPB	Parauapebas	78.82	254	eP	P	10 33 52.5	+0.5
SMTB	Santa Maria do	78.82	250	eP	P	10 33 54.3	+1.5
WRH	Wood River Hill	78.82	355	I	Amb	10 34 02.1	
GCSA	Galena City Sc	78.88	359	P	P	10 33 51.3	-0.1
H16K	Elim	78.96	2	P	P	10 33 51.4	-0.5
SCRK	Sand Creek	78.99					

Table with columns: Station ID, Name, Comp, Az, El, Azm, S/NR, Time, Res. Includes stations like Sharon Grove, Libburn, HYT, etc.

Table with columns: Station ID, Name, Comp, Az, El, Azm, S/NR, Time, Res. Includes stations like Bonanza Creek, Y49A, PETK, etc.

Table with columns: Station ID, Name, Comp, Az, El, Azm, S/NR, Time, Res. Includes stations like Snyder 5, BRDY, SRU, etc.

MOS 27 10:25:45.3, 0.7, 58.185x9.51W, h10km, mb5.5/19, MS5.3/5, Error ellipse: s-maj=22.8km s-min=17.3km az=98.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VNA1, VNA2, VNA3, etc.

27d 10h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ASAR Alice Springs, AS31 Alice Springs, and various other locations.

2018 SEP

Table with columns for station name, frequency, mode, and signal strength. Includes stations like V58A Windy Hill, T59A Double 'B' Far, and various other locations.

1710

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ACSO Alum Creek Sta, M53A WI Miller and, and various other locations.

1713

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like AKASG Malin Array Be, SCHQ Schefferville, AS31 Alice Springs, etc.

2018 SEP

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like TCF Toulx Ste Croi, BALJ Balga, BNI Bardonecchia, etc.

27d 11h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

IDC 27 10:40:22.2, 5.36°14N:70.68E, h146km, 50km, mb3.5/8, mbtmp4.0/13, Error ellipse: s-maj=38.4km s-min=19.4km az=28.0

NEIC 27 10:40:27.9, 1.7, 36°52N, 0°06:70.70E:0.08, h183km, 10km, mb4.2/5, Error ellipse: s-maj=9.1km s-min=8.0km az=68.0

NINC 27 10:40:29.6, 11.0, 36°82N:70.38E, h95km, 321km, mb3.6, mpv4.0, Error ellipse: s-maj=94.5km s-min=89.0km az=16.0

ISC 27 10:40:26.7, 0.6, 36°50N:0°05:70.84E:0.06, h188km, n45, e204/59, mb3.7/7, 4C-1D, Hindu Kush region

IDC 27 10:58:38.2, 2.2, 16:80S:177.79W, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=127.7km s-min=27.9km az=151.0, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

JMA 27 11:07.40, 9.0, 2.33°N, 3°13'8"E, h324km, MV4.1/30, FAR S OFF TOKAI DISTRICT

IDC 27 11:17.44, 5.0, 9.33°25N:138°19'E, h290km, 8km, mb3.4/16, mbtmp4.0/21, Error ellipse: s-maj=12.4km s-min=10.7km az=80.0

NEIC 27 11:17.45, 3.2, 33°29N:0°08:138.2E:0.1, h290km, 8km, mb4.0/34, Error ellipse: s-maj=12.8km s-min=11.3km az=130.0

ISC 27 11:17.44, 4.0, 7.33°29N:0°07:138.28E:0.06, h290km, 6km, n96, c131/101, mb3.9/34, Southeast of Honshu

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Rows include stations like JKO Kozu shima, JHJ Hachioji jima 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like C18K Utukok River, D19K Kuna River, E19K Redstone River, H19K Roundabout Mou, etc.

IDC 27 11:21:04.5±4.0, 52.84S×161.57E, h0km, mb3.8/3, mbtmp3.8/3, Error ellipse: s-maj=340.4km s-min=75.7km az=50.0

NEIC 27 11:21:08.0±1.9, 53.97S;0.04±159.03E;0.05, h10km, 2km, mb4.4/7, Error ellipse: s-maj=6.3km s-min=5.2km az=156.0

ISC 27 11:21:08.2±0.7, 53.92S;0.06±149.0E;0.1, h10km, n30, ±0.186/20, mb4.1/7, 3C, Macquarie Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MCQ Macquarie Isla, WHZ Wether Hill Ro, MLZ Mavora Lakes, etc.

TAP 27 11:28:16.6, 21.91N; 121.69E, h30km, ML3.4, D

JMA 27 11:28:17.4±0.4, 22.12N;21.8E;0.9, h44km, TAIWAN REGION

ISC 27 11:28:16.9±1.4, 21.92N;0.06±121.71E;0.05, h27km, 6km, n69, ±0.89/91, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LYUB Lan-yu, LAY Lan-yu, LDUT Ludao, etc.

baz=5.0 FUSB Fushanzhiwuyua 2.83 358 eP Pn 11 29 01.1 +0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IRIF Iriomote-Funau, JLU Ishigaki-Jima, etc.

AUST 27 11:37:06.7±0.4, 34.5S;21.17E;±1.7, h2km, 1km, ML1.8/6, Error ellipse: s-maj=4.6km s-min=3.2km az=179.2, Westaustralia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LM01 Lskr Muir 01, LM03 Lake Muir 03, etc.

NEIC 27 11:45:52.9±1.8, 26.79N;0.03±129.70E;0.06, h10km, 1km, mb4.6/18, Error ellipse: s-maj=8.7km s-min=5.0km az=74.0

JMA 27 11:45:53.0±1.2, 26.8N;0.5±129.7E;0.5, h52km, MW4.0/26, NEAR OKINAWAJIMA ISLAND

NIED 27 11:45:53.5±2.75N;129.70E, h52km, MW4.3, Moment Tensor solution. s2 Moment tensor: Scale 10^19Nm; M1=1.95, M2=0.64, M3=1.31, M4=1.47, M5=1.64, M6=0.93;

Fault plane solution: M2: 91000×10^5, NPI: 53.00000°, 864.00000°, 75.00000°. NPF2: 201.00000°, 830.00000°, 7-119.00000°

IDC 27 11:45:57.2±2.9, 26.82N;129.65E, h42km, 26km, mb4.0/20, mbtmp4.2/22, ML4.2/2, MS3.8/3, Error ellipse: s-maj=24.6km s-min=13.9km az=74.0

ISC 27 11:45:51.8±1.1, 26.78N;0.03±129.70E;0.03, h6km, 6km, n89, ±0.82/111, mb4.4/31, MS4.2/6, 1C, Ryukyu Islands

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

YHNB Yeheng 7.79 256 Pn Pn 11 47 44.1 -1.7

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

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

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

IDC 27 12:06:55.8, 1.7, 2.91N, 127.69E, h0km, mb3.8/5, mbmt3.8/5, Error ellipse: s-maj=143.9km s-min=20.7km az=66.0

DJA 27 12:06:59.6, 2.5, 3.3N, 127.8E, h10km, 20km, M4.2/7, mb4.3/5, mb4.9/2, MLV4.2/7, Mw(MB)4.1/2

ISC 27 12:06:56.6, 1.4, 3.3N, 120.2, 128.4E, 0.1, h10km, n10, s=143.0/10, mb3.8/5, North of Halmahera

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

KRSC 27 13:06:13.1, 0.8, 5.3, 47N, 161.09E, h48km, 15km, M14.3, MOS 27 13:06:14.4, 0.6, 5.3, 45N, 161.1, 10E, h39km, mb4.0/1, Error ellipse: s-maj=7.8km s-min=3.2km az=78.1

IDC 27 13:06:18.1, 5.2, 32N, 160.88E, h73km, 35km, mb3.7/8, s-maj=5.1km s-min=25.1km az=122.0

ISC 27 13:06:15.4, 1.2, 5.3, 47N, 161.04E, 0.06, h46km, 12km, n91, s=109.9/11, mb4.0/8, Off east coast of Kamchatka

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

PETK comp=N, 48nm, 0.3s, baz=295, slow=28, SNR=7.0

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

ASAK Asacha 2.19 242 EP Pn 13 06 50.3 +1.0

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

ASAK Asacha 2.19 242 EP Pn 13 06 50.3 +1.0

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

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

ASAJ Asahikawa 15.29 240 P Pn 13 09 49.0 +1.0

ASAJ Asahikawa 15.29 240 P Pn 13 09 49.0 +1.0

ASAJ Asahikawa 15.29 240 P Pn 13 09 49.0 +1.0

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ASAJ Asahikawa 15.29 240 P Pn 13 09 49.0 +1.0

ASAJ Asahikawa 15.29 240 P Pn 13 09 49.0 +1.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes ASAR Alice Springs, NVAR Nina Array Bea, ILAR Eielson Array.

IDC 27 15:14:01.1, 3.2, 7.96S; 112.99E, h0km, mb3.2/3, mtbpm3.2/3, MS2.7/1, Error ellipse: s-maj=191.6km s-min=30.1km az=49.0

DJA 27 15:14:18.3, 1.2, 9.5S; 9.11*13E, h19km, M3.3/7, MLV3.7

ISC 27 15:14:16.4, 1.4, 9.3S; 0.1, 112.7E; 0.05, h100km, n16, s=163/19, mb3.0/3, South of Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes KRKI Karangates, PWJI Pagerwojo, JAGI Jajag, Banyuwya, SJI Sawahan, etc.

IDC 27 15:14:38.1, 1.2, 27.22N; 84.13W, h0km, mb4.0/7, mtbpm4.0/11, ML3.9/4, MS3.0/7, Error ellipse: s-maj=27.6km s-min=21.0km az=93.0

NEIC 27 15:14:40.5, 1.5, 17.32N; 0.04-84.07W; 0.07, h10km, 2km, mb4.2/4, Error ellipse: s-maj=11.6km s-min=5.0km az=243.0

SSNC 27 15:14:48.5, 2.8, 17.70N; 83.52W, h26km, 1.73km, mb4.9

ISC 27 15:14:39.6, 0.6, 17.36N; 0.05-84.05W; 0.06, h10km, n77, s=152/76, mb4.3/18, MS2.9/5, North of Honduras

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes TGUH Tegucigalpa, UN, TEIG Tepich, BOAB BOACO BROADBAN, etc.

CHIV Guanantamo Bay, CMIG Matias Romero, SDDR Presa de Saban, SDV Santo Domingo, GOGA Godfrey, HBVL Hebbroville, etc.

833A Chaparral WMA, 833A Jarrell, TKL Tuckaleech Creek, etc.

HLND Hondo, WWT Waverly, MIAR Mount Ida, DRIO Del Rio, BRDY Brady, etc.

T50A Nancy, T47A Sharon Grove, PLPT Palo Pinto, PBMO Poplar Bluff, etc.

OZNA Ozona, SIUC Southern Illin, R50A Paris, R49A Shelbyville, MGMO Mountain Grove, etc.

SGCY Sterling City, APMT Aspermont, TXAR Lajitas Array, etc.

TXAR Lajitas Array, etc.

Table with columns: TXAR, CCM, CCM, Q51A, SN05, OK052, etc.

WMOK Wichita Mouta, SN07 Snyder, MNHN Monahans, ALPN Alpine, P49A Miami Univ. Ec, etc.

POST Post, PECS Pecos, ACSSO Alum Creek Sta, O48B Farmland, etc.

VHRN Van Horn, NOKA Waynoka, AMTX Amarillo, SSPA Standing Stone, M53A W Miller and, etc.

ANMO Albuquerque, SADO Sadowa, PFO Pinyon Flats, PDAR Piedra, etc.

SCHO Schefferville, ILAR Eielson Array, NOA NORSTAR Bay, FINES Finess Array, etc.

WRA Warramunga Arr, ASAR Alice Springs, AEIC 27 15:19:04.8, etc.

NEIC 27 15:19:04.8, 1.8, 56.20N; 0.08-149.24W; 0.10, h10km, 2km, ML3.5/68, ML3.3/AEIC, Error ellipse: s-maj=13.1km s-min=8.8km az=163.0, Gulf of Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes KDAD Kodiak Island, OHAK Old Harbor, SYI Shuyak Island, etc.

CNPM China Pool, Q23K Middleton Isla, MID Middleton Isla, etc.

CHIR Chirikof Island, Q19K Cape Douglas, BRSE Bradley Lake S, etc.

BRSE Bradley Lake, BRLK Bradley Lake, BRLK Home, etc.

ACHA Angle Creek He, SEW Seward, P23K Montague Islan, etc.

KAHC Katmai Hardscr, P19K Katmai Islan, PLK3 Peulik 3, etc.

PLK4 Peulik 4, CNCT Contact Creek, Q20K S. Slope Mountain, etc.

ILSW Iliamna Southw, ILSW Iliamna Southw, SLKM Skilak Lake, etc.

Table with columns: RAGM Rugged Mountai, O18K Koktuh Hills, O18K Koktuh Hills, SUCK Sucking Hills, etc.

P17K Klokak River, HMT Hamilton, RC01 Rabbit Creek A, etc.

RC01 comp=E, 27nm, 0.7s, SNH Sunshine Point, etc.

SNH Sunshine Point, KNK Knik Glacier, SUA Susitna One, etc.

SUA Susitna One, BUA Bremer River, PMR Palmer, etc.

WAX Waxell Ridge, BARK Barkley Ridge, MESA MESA, etc.

CRQM Cirque, KLU Klutina, GHO Glory Hole Cre, etc.

GLB Gilahina Butte, GRNC Granite Creek, N17K Nushagak Hills, etc.

TABL Table Mountain, BALM Baldy, M20K Styx River, etc.

MCAR McCarthy VSAT, PTPK Patty Creek, TSCA Teacup, Glenn, etc.

PCA Pinnacles, PNL Peninsula, M19K Big River Lodg, etc.

CTGM Chitina Glacie, BCPM Bancas Point, LOGN Log Glacier, etc.

SDPT Sand Point, O15K Ungalithiuk R, HARP HAARP, etc.

N16K Nishik Lake, N19K White Mountain, M17K White Mountain, etc.

DHY Denali Highway, O29M Mount Kennedy, M15K Kwethluk River, etc.

N25K Nabesna, AK, N16K Timber Creek, P25M Windy Craggy, etc.

PS1A Pavlov South-1, O14K Tigykauivut M, N18K Granite Mouta, etc.

S12K Black Hills, PNTA Pavlov North-7, M27K Edge Creek, AK, etc.

RND Reindeer, S31K Pelican, MENT Mentasta, etc.

KTH Kantishna Hill, L25K Log Cabin Wild, L16K Owhat River, etc.

HYT Haines Junctio, L27K Beaver Creek, BCAR Beaver Creek A, etc.

W88A Independence Ri, BPWA Beaver Paw Mtn, K17K Iditarod, etc.

M14K Bethel, SKAG Skagway, S32K Killisnoo, etc.

N30K Nishik Lake, SCRK Sand Creek, R32K Eaglecrest, etc.

O30N Mendenhall, HDA Harding Lake, N35M Sonoma Creek, etc.

ISAN Ivasakiu, J20K Nowinta River, CCB Clear Creek Bu, etc.

K27K Chicken, J25K Salcha River, L14K Joseph Creek, etc.

IL31 Kuka Creek, ILAR Eielson Array, N31M Braeburn, etc.

WHY Whitehorse, J26L Joseph Creek, R29M Redoubt, etc.

P32M Atlin, I23K Minto, Yukon-K, POKR Pokr Plat Res, etc.

U33K Whale Pass, M30M Minto, Yukon, R29M Redoubt, etc.

Q32M Nakina River, P33M Teslin, Yukon, I17K Unalakleet, etc.

I26K Coal Creek Min, L25M Fort Yukon, H21K Melozitna Rive, etc.

H23K Yukon River, M31M Drury Creek, Y, H24K Noodor Dome, etc.

IMAR Indian Moutai, R30M Porcupine Rive, J30M Hart River, etc.

G21K Allakaket, G23K Bananza Creek, G24K Hadweencic Riv, etc.

EYAK Fort Yukon, F21K Altna River, F20K Avaraut Lake, etc.

BMAR Burt Mountain, etc.

ASIES 27 15:39:09.8, 23.12N; 121.03E, h2km, ML3.6, Mw3.5, Moment Tensor Solution, Moment tensor: Scale 1021Nm, etc.

Table with columns: Pn, Pn, Pn, Pn, Pn, etc.

Pn 15 20 13.3 +0.1, Pn 15 20 13.5 +0.3, Pn 15 21 41.1, etc.

Pn 15 20 13.4 +0.2, Pn 15 21 10.7, Pn 15 20 15.2 +1.4, etc.

Pn 15 20 13.1 -1.0, Pn 15 20 13.5 -0.6, Pn 15 21 20.1, etc.

Pn 15 20 14.6 +0.4, Pn 15 20 15.9 +1.1, Pn 15 20 16.4 +1.2, etc.

Pn 15 20 17.6 +0.7, Pn 15 20 17.1 +0.1, Pn 15 20 17.8 +0.4, etc.

Pn 15 20 17.0 -1.2, Pn 15 21 21.2, Pn 15 20 18.6 0.0, etc.

Pn 15 21 14.3, Pn 15 22 12.4, Pn 15 20 18.8 +0.1, etc.

Pn 15 21 23.6, Pn 15 20 19.3 -0.8, Pn 15 21 25.2, etc.

Pn 15 23 32.1, Pn 15 20 20.5 +0.1, Pn 15 20 19.5 +0.8, etc.

Pn 15 23 09.0, Pn 15 20 20.6 -0.3, Pn 15 20 21.4 +0.1, etc.

Pn 15 20 22.1 +0.1, Pn 15 20 22.6 +0.1, Pn 15 20 22.5 -0.6, etc.

Pn 15 20 23.4 0.0, Pn 15 20 23.0 -0.4, Pn 15 20 23.0 0.0, etc.

Pn 15 20 23.6 +0.5, Pn 15 20 24.9 +0.2, Pn 15 20 24.1 -0.7, etc.

Pn 15 20 25.2 +0.4, Pn 15 20 25.8 +0.4, Pn 15 20 26.1 +0.2, etc.

Pn 15 20 24.9 -0.9, Pn 15 20 27.4 +0.9, Pn 15 20 27.6 +0.4, etc.

Pn 15 20 26.6 -0.9, Pn 15 20 27.6 -0.4, Pn 15 20 27.5 0.0, etc.

Pn 15 20 28.8 +0.2, Pn 15 20 28.7 0.0, Pn 15 20 29.0 -0.4, etc.

Pn 15 20 29.5 +0.2, Pn 15 20 29.5 -0.1, Pn 15 20 29.2 +0.2, etc.

Fault plane solution: M=1.98506x10^21 NP1: ...

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Lists stations like ELDTW, EHD, ECS, etc.

Table with columns: CHY, WARBT, WARBT, SSHA, WKG, WKG, WDLH, WDLH, ICHU, ICHU, TAI, EAST, SCLT, SCLT, ESL, ESL, TAWH, TAWH, CHNH, CHNH, TYC, TYC, TYC, WNT, WNT, WTK, SHUL, SHUL, SCZT, OWD, WSL, WSL, WSSB, WSSB, WUSB, TSCK, TSCK, TEYL, TEYL, WSF, WSF, SLIU, ETM, WCS, HWA, WTCT, WHF, WHF, TWD, TWD, TDCB, TWT, TWT, FUSS, FUSS, HEN, WHP, WHP, ETLH, ETLH, ETL, NACB, NACB, NACB, TWK1, TWK1, TWK1, TWK1, TWQ1, TWQ1, TWQ1, WDJT, WDJT, WDJT, NSY, NSY, NSY, NNSB, NNSB, NNS, EAHA, EAHA, PHUB, PHUB, PHUB.

Table with columns: NMLH, NMLH, PNG, PNG, ENA, ENA, LATG, LATG, VCHM, VCHM, EWUT, EWUT, NSST, NSST, NFF, NFF, LIOB, LIOB, EOA4, EOA4, YHNB, YHNB, YHNB, NSK, NSK, ENT, ENT, ESAO, ESAO, ESAO, NDS, NDS, EOA3, EOA3, TWC, TWC, TWC, TWE, TWE, NWLT, NWLT, FUSB, FUSB, TATO, TATO, TWA, TWA, TWS1, TWS1, ANP, ANP, SXI1, SXI1, YMO8, YMO8, KNMB, KNMB.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, ISC, Time, Res. Includes station TAP 27 15:45:46.6,25:46N,122:75E, h189km, ML3.6, D...

27d 15h

Table with columns for station call letters, frequency, and other details. Includes stations like WRAB, WRA, MTN, ARMA, AUCDS, GAMI, etc.

2018 SEP

Table with columns for station call letters, frequency, and other details. Includes stations like MBWA, PSA00, AUTAR, MYLDM, etc.

1720

Table with columns for station call letters, frequency, and other details. Includes stations like TJN, KRSR, KASR, LWLI, etc.

27d 15h

Table with columns: PWL, Port Wells, 79.84, 25, P, P, 16 05 22.7 +1.1, etc. Lists various river and glacier names and their associated data.

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Table with columns: TGL, Tana Glacier, 82.14, 26, Iamb, Iamb, 16 05 36.3, etc. Lists various glacier names and their associated data.

1722

Table with columns: YUK8, Steele Glacier, 83.71, 26, P, P, 16 05 43.7 +1.5, etc. Lists various glacier names and their associated data.

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like N31M Braeburn, Yuko, N31M Braeburn, Yuko, V35K Ketchikan, etc.

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like CBB Campbell River, G31M Satah River, G31M Satah River, etc.

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like BMO Blue Mountains, F10A Beach Ranch, E, NEW Newport, etc.

27d 16h

Table with columns for station name, coordinates, and status. Includes stations like W52A Murphy, STNU Starina, BOSA Boshof, etc.

2018 SEP

Table with columns for station name, coordinates, and status. Includes stations like SAML Samuel, GAVL Gavieira, SONSEA Sonseca Array, etc.

172d

Table with columns for station name, coordinates, and status. Includes stations like QUENC Ouen Island, LIFNC LIFOU, ONTNC Ouen Toro, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, 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 Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

IDC 27 16:23:45.0±5.3, 19.235x179.29W, h0km, mb3.9/3, mbmtpp.9/3, MS3.8/6, Error ellipse: s-maj=228.6km s-min=63.4km az=149.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

SOME 27 16:25:46.6±39.75N, 74.12E, h5km KRNET 27 16:25:47.0±1.39, 64N, 74.12E, h14km, mb2.8 NNC 27 16:25:48.2±4.3, 39.80N, 74.25E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=30.1km s-min=16.4km az=168.0

ISC 27 16:25:45.4±1.3, 39.67N, 0.06:74.30E, 0.03, h10km, n39, o134/65, 23C-17D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

SSNC 27 16:34:52.6±1.1, 17.37N, 71.50W, h24km, 24km, MD3.1, ML3.6, MW3.4

NEIC 27 16:35:04.1±2.0, 19.67N, 0.03:71.35W, 0.10, h10km, 1km, ML3.3/14, Error ellipse: s-maj=6.3km s-min=4.7km az=232.0

SDD 27 16:35:06.4±4.3, 19.69N, 71.30W, h23km, 15km, MD3.2, ML3.2, MW3.5

ISC 27 16:35:04.7±1.0, 19.65N, 0.03:71.30W, 0.02, h16km, 6km, n39, o129/63, 4C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: TOR, Torodi Ar. Bea, 77.17 71 P, P, 16 59 40.8 -0.3, 16 59 48.1, comp=Z,4.0nm,0.6s

Table with columns: MK31, 1.4nm,0.5s,baz=279,slow=11,SNR=18, Lg, 17 32 17.7, 3.5nm,0.7s,baz=306,slow=26,SNR=4.4

Table with columns: IGN, comp=Z,1.0um,1.0s, IAML, 17 34 24.0, UDBS, Universidad Do, 3.48 105 i P, Pn, 17 33 04.6 +0.9

Table with columns: EGGSI, Enggano, Bengk, 0.90 244 P, P, 17 05 44.9 +1.3, LWLI, Liwa, 0.97 94 P, P, 17 05 33.0 +0.5

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

Table with columns: HUIG, Huatulco, 3.55 289 P, Pn, 17 33 04.3 -0.3, HUIG, Huatulco, 3.55 289fEP, Pn, 17 33 04.6 -4.8

Table with columns: EGSI, Enggano, Bengk, 0.90 244 P, P, 17 05 44.9 +1.3, LWLI, Liwa, 0.97 94 P, P, 17 05 33.0 +0.5

Table with columns: SOKI, Kika Raxquin, 1.20 80 i P, Pn, 17 32 32.7 -0.5, SOKI, Kika Raxquin, 1.20 80 i S, Pn, 17 32 49.6 +0.5

Table with columns: NEUV, Arroyo Zacate, 4.33 316 eP, Pn, 17 33 16.6 +1.3, NEUV, Arroyo Zacate, 4.33 316 eS, Pn, 17 33 02.9 -1.7

Table with columns: ISLZ, Isanotski Laza, 1.05 325 P, P, 17 10 13.7 -0.1, ISLZ, Isanotski Laza, 1.05 325 S, Pn, 17 10 27.0 -0.4

Table with columns: PCIG, Comitán, 1.22 332 P, Pn, 17 32 33.4 +0.3, PCIG, Comitán, 1.22 332fEP, Pn, 17 32 49.2 +0.1

Table with columns: AMPH, Amapala, 5.00 105 i S, Pn, 17 34 21.4 +0.4, AMPH, Amapala, 5.00 105 i S, Pn, 17 34 27.4 +0.4

Table with columns: NNC 27 17:08:06.7±0.7, 47.97N:70.82E, h0km, mb3.7, mpv3.3, 8C-7D, Error ellipse: s-maj=9.4km s-min=4.3km az=80.0,

Table with columns: MRL, Marmol, 2.88 80 eS, Pn, 17 32 56.7 +1.1, MRL, Marmol, 2.88 80 eS, Pn, 17 33 26.7 -2.5

Table with columns: CRIN, Cerro Verde, 3.01 105 eP, Pn, 17 32 57.6 +0.2, CRIN, Cerro Verde, 3.01 105 eS, Pn, 17 33 35.9 +3.2

Table with columns: BRZS, Berezniaki, 2.36 31 P, P, 17 28 51.2 -0.7, BRZS, Berezniaki, 2.36 31 P, P, 17 29 21.6

Table with columns: CEVE, Cerro Verde, 3.01 105 i P, Pn, 17 32 58.5 +1.0, CEVE, Cerro Verde, 3.01 105 i S, Pn, 17 33 37.7 +1.1

Table with columns: PKGN, Cerro Pekin, 5.82 109 i P, Pn, 17 33 36.2 +0.6, PKGN, Cerro Pekin, 5.82 109 i P, Pn, 17 33 40.3

Table with columns: AB31, Akbulak array, 7.33 284 i Lg, Lg, 17 31 58.5, MK31, Makanchi Array, 7.88 94 Pn, Pn, 17 30 02.0 -0.5

Table with columns: BOQS, Boqueron, 3.36 105 eP, Pn, 17 33 02.2 0.0, BOQS, Boqueron, 3.36 105 eP, Pn, 17 33 02.3 -0.1

Table with columns: MOMM, Momotombo, 6.31 110 i P, Pn, 17 33 43.6 +1.2, MOMM, Momotombo, 6.31 110 i P, Pn, 17 33 45.9

27d 17h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MOMN, RCVN, COPN, BOAB, JTS, MOIG, BRU2, CAMR, MTJD, 833A, 061Z, HND0, DRIO, DWPF, NATX, BRAL, HPIG, 656A, BRDY, SAND, VBMS, WHTX, TX31, TXAR, OZNA, 143A, FW14, FW13, 352A, 250A, Z41A, FW07, ALPN, TIGA, Z38A, FW06, SGCV, WLAR, ABTX, MNHN, CCAR, 152A, Y45A, PECS, ODSA, SN05, and SN05.

2018 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LOOK, W40A, APMT, 154A, 149A, X37A, POST, UALR, PULU, X48A, DKNS, X34A, GOGA, ROSC, WHAR, Y52A, PLAL, WMOK, FNO, MSTAR, FCXR, SWET, TUL3, LCAR, SMWD, RLO, NHSC, CS7R, HODGE, V48A, AMTX, QUOK, U38A, W52A, WPT, COOPER, OK048, BG3, JSC, CLTN, OK05, PBMO, ELIS, EDIS, PAUL, PAUL, TKL, TKL, TKL, TKL, Y58A, 121A, U49A, KAN13, V53A, T47A, KM5A, S39A, FVM, T50A, W57A, W57A, V55A, U54A, W51, W51, S51A, R50A, T25A, O46A, P46A, S50, S50, Q51A, Q52A, S22A, Q54A, Q54A, MVCO, PV13, PV18, PV11, PV17, PV16, PV19, PV20, PV04, PV14, PV10, PV22, PV22, PV23, HMU, HMU, MVL, MTPU, ECSD, HWUT, PDAR, PDAR, BGU, SADO, HUU, NV11, NV11, NVAR, NVAR, NVAR, LHV, KVN, IMW, HLID, ULM, ULM, ULM, PLID, BMO, SAML, LPAZ, LPAZ, NEW, HOOD, C09A, C09A, LON, GO01, GO01, PTLB, PTLB, SCH0, GO02, GO02, CO02, YKA, DLBC, DLBC, FRB, MT08, LMEL, LMEL, M31M, M31M, M29N, SFJD, L27K, N25K, RES, J26L, GHO, PRP, PRP, ILAR, ILAR, H19K, F20K, F20K, BORG, JMJC, ESDC, NOA, HFS, FINES, VRAC, YAK.

1728

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Q54A, Q54A, MVCO, PV13, PV18, PV11, PV17, PV16, PV19, PV20, PV04, PV14, PV10, PV22, PV22, PV23, HMU, HMU, MVL, MTPU, ECSD, HWUT, PDAR, PDAR, BGU, SADO, HUU, NV11, NV11, NVAR, NVAR, NVAR, LHV, KVN, IMW, HLID, ULM, ULM, ULM, PLID, BMO, SAML, LPAZ, LPAZ, NEW, HOOD, C09A, C09A, LON, GO01, GO01, PTLB, PTLB, SCH0, GO02, GO02, CO02, YKA, DLBC, DLBC, FRB, MT08, LMEL, LMEL, M31M, M31M, M29N, SFJD, L27K, N25K, RES, J26L, GHO, PRP, PRP, ILAR, ILAR, H19K, F20K, F20K, BORG, JMJC, ESDC, NOA, HFS, FINES, VRAC, YAK.

1MNHN	Monahans	62.18 327	I Amb	I Amb	19 05 23.8
SN07	Snyder 07	62.69 329	I Amb	I Amb	19 05 26.4
VHRN	Van Horn	62.91 325	I Amb	I Amb	19 05 28.4
DEOK	Depew	63.09 334	P	P	19 05 28.4 +0.4
DEOK	Cathedral Cave	63.16 340	P	P	19 05 28.1 -0.4
CCM	Cathedral Cave	63.16 340	P	P	19 05 29.1
S39A	Bolivar	63.53 338	P	P	19 05 31.1 +0.2
S39A	Bolivar	63.53 338	P	I Amb	19 05 31.8
TROLL	Troll, Antari	63.69 161	IP	P	19 05 32.9 +1.3
R40A	Maddies Statio	63.71 339	P	P	19 05 32.0 0.0
R40A	Maddies Statio	63.71 339	P	I Amb	19 05 32.3
N49A	Columbus Grove	63.96 347	P	P	19 05 33.5 -0.1
MSTX	Muleshoe	64.31 329	P	P	19 05 36.8 +0.5
MSTX	Muleshoe	64.31 329	I Amb	I Amb	19 05 37.8
P40A	Paris	64.77 340	P	P	19 05 38.6 -0.2
P40A	Paris	64.77 340	P	I Amb	19 05 39.5
121A	Cookes Peak, D	65.77 324	I Amb	I Amb	19 05 48.6
DUN6	Lazy B Ranch	66.51 323	I Amb	I Amb	19 06 21.3
DBIC	Dimbokro	68.21 73	P	P	19 06 01.5 +0.1
QSPA	South Pole Qui	68.57 180	P	P	19 06 04.8 +1.8
QSPA	South Pole Qui	68.57 180	I Amb	I Amb	19 06 05.3
QSPA	South Pole Qui	68.57 180	P	P	19 06 04.8 +1.8
QSPA	South Pole Qui	68.57 180	I Amb	I Amb	19 06 05.3
SFX	San Felipe	68.83 318	P	P	19 06 05.7 +0.8
SFX	San Felipe	68.83 318	I Amb	I Amb	19 06 07.7
WUAZ	Wupatki	69.98 324	I Amb	I Amb	19 06 15.7
BLYC	Blythe	70.52 320	P	P	19 06 16.7 +1.6
BLYC	Blythe	70.52 320	I Amb	I Amb	19 06 18.7
W13A	Hualapai Mount	71.09 322	I Amb	I Amb	19 06 22.0
PFO	Pinyon Flats 0	71.58 319	P	P	19 06 23.3 +1.6
PFO	Pinyon Flats 0	71.58 319	I Amb	I Amb	19 06 23.3
KNB	Kanab	71.87 324	I Amb	I Amb	19 06 27.0
CCUT	Cedar Creek Mo	72.55 324	I Amb	I Amb	19 06 31.2
GWY	Greenwater Val	73.47 321	I Amb	I Amb	19 06 35.6
PSUT	Pine Spring	73.53 324	I Amb	I Amb	19 06 36.3
ISA	Isabella, Lake	74.19 319	P	P	19 06 39.2 +2.2
ISA	Isabella, Lake	74.19 319	I Amb	I Amb	19 06 40.1
PDAR	Pinedale Array	74.51 330	P	P	19 06 40.2 +1.2
PDAR	Pinedale Array	74.51 330	I Amb	I Amb	19 06 43.2
HWUT	Hardware Ranch	74.60 328	I Amb	I Amb	19 06 44.9 +0.1
ULM	Lac du Bonnet	75.61 342	P	P	19 06 49.2 +0.1
ULM	Lac du Bonnet	75.61 342	I Amb	I Amb	19 06 49.3
OMMB	Old Mammoth M	75.86 321	I Amb	I Amb	19 06 48.2 +1.5
OMMB	Old Mammoth M	75.86 321	P	P	19 06 49.2 +1.9
NVAR	Mina Array Bea	75.95 322	P	P	19 06 49.2 +1.9
NVAR	Mina Array Bea	75.95 322	I Amb	I Amb	19 06 50.6
FLWY	Flagg Ranch	76.05 330	I Amb	I Amb	19 06 52.4
YNE	Yellowstone No	76.44 331	I Amb	I Amb	19 06 52.4
TORD	Torodi Ar. Bea	76.85 70	P	P	19 06 52.5 0.0
TORD	Torodi Ar. Bea	76.85 70	I Amb	I Amb	19 06 53.8
TORD	Torodi Ar. Bea	76.85 70	P	P	19 06 52.5 0.0
TORD	Torodi Ar. Bea	76.85 70	I Amb	I Amb	19 06 53.8
PAHR	Pah Rah Range	77.43 322	I Amb	I Amb	19 06 58.5
HLID	Hailey	77.46 328	I Amb	I Amb	19 06 58.7
PLID	Pearl Lake	79.35 328	I Amb	I Amb	19 07 08.4
YBH	Yreka Blue Hor	80.67 322	P	P	19 07 13.0 0.0
YBH	Yreka Blue Hor	80.67 322	I Amb	I Amb	19 07 17.9
PINE	Pine Mountain	81.02 324	I Amb	I Amb	19 07 24.0
C09A	Chrisman Ranch	82.38 329	I Amb	I Amb	19 07 24.0
BOSA	Boshoft	82.87 118	P	P	19 07 25.6 +0.6
BOSA	Boshoft	82.87 118	I Amb	I Amb	19 07 31.4 +1.3
MAW	Mawson	84.04 163	P	P	19 07 38.8 +0.9
MAW	Mawson	84.04 163	I Amb	I Amb	19 08 06.7 +1.0
ESDC	Sonsec Array	85.51 44	P	P	19 07 38.8 +0.9
ESDC	Sonsec Array	85.51 44	I Amb	I Amb	19 08 06.7 +1.0
YKA	Yellowknife Arr	91.50 340	P	P	19 08 06.7 +1.0
YKA	Yellowknife Arr	91.50 340	I Amb	I Amb	19 08 06.7 +1.0
ASAR	Alice Springs	130.07 207	PKP	PKPdf	19 14 10.4 +0.7
ASAR	Alice Springs	130.07 207	I Amb	I Amb	19 14 16.4 +0.8
WRA	Warramunga Arr	133.14 210	PKP	PKPdf	19 14 17.4 -1.7
WRA	Warramunga Arr	133.14 210	I Amb	I Amb	19 14 27.0 -2.2
BVAR	Borovoye Array	135.56 35	PKP	PKPdf	19 14 31.5 +1.1
BVAR	Borovoye Array	135.56 35	I Amb	I Amb	19 14 34.1 -3.0
ZALV	Zalesovo Beam	141.81 24	PKP	PKPdf	19 14 37.8 +0.2
ZALV	Zalesovo Beam	141.81 24	I Amb	I Amb	19 14 39.4 +2.1
TARG	Tagarag, Kyrgy	145.39 47	PKP	PKPdf	19 14 36.5 -0.5
TARG	Tagarag, Kyrgy	145.39 47	I Amb	I Amb	19 14 38.0 +0.6
MAKZ	Makanchi	145.39 36	PKP	PKPdf	19 14 35.2 +0.8
MAKZ	Makanchi	145.39 36	I Amb	I Amb	19 14 55.0 +0.6
MJAR	Matushiro Arr	152.61 30	PKP	PKPdf	19 14 55.4 -0.6
MJAR	Matushiro Arr	152.61 30	I Amb	I Amb	19 14 50.3 +0.3
SONM	Songino Array	153.50 8	PKP	PKPdf	19 14 58.3 +0.5
SONM	Songino Array	153.50 8	I Amb	I Amb	19 15 07.2 +1.3
CMAR	Chiang Mai Arr	167.59 102	PKP	PKPdf	19 15 07.2 +1.3
CMAR	Chiang Mai Arr	167.59 102	I Amb	I Amb	

WB2	Warramunga Arr	48.58 258	P	P	19 07 37.2
WB2	Warramunga Arr	48.58 258	I Amb	I Amb	19 07 34.8 -0.7
WB2	Warramunga Arr	48.58 258	P	P	19 07 34.6 -0.8
WB2	Warramunga Arr	48.58 258	I Amb	I Amb	19 07 37.2
AS31	Alice Springs	48.72 253	P	P	19 07 36.0 -0.5
AS31	Alice Springs	48.72 253	I Amb	I Amb	19 07 35.9 +0.6
ASAR	Alice Springs	48.72 253	P	P	19 07 36.1 -0.4
ASAR	Alice Springs	48.72 253	I Amb	I Amb	19 07 36.1 -0.4
K15K	Wolf Creek Mou	79.86 6	P	P	19 11 00.3 +2.0
L18K	Greenie Mounta	80.37 8	P	P	19 11 02.3 +1.3
L18K	Greenie Mounta	80.37 8	I Amb	I Amb	19 11 20.2
J16K	Anvik River	80.92 6	P	P	19 11 06.1 +2.2
J16K	Anvik River	80.92 6	I Amb	I Amb	19 11 48.3
SCM	Sheep Creek Mo	81.63 13	P	P	19 11 09.0 +1.2
CCB	Clear Creek Bu	84.08 11	P	P	19 11 20.8 +0.5
ILAR	Indian Mountai	84.36 8	P	P	19 11 22.3 +0.6
ILAR	Eielsen Array	84.36 11	P	P	19 11 21.8 +0.1
ILAR	Eielsen Array	84.36 11	I Amb	I Amb	19 11 21.8 +0.1
E19K	E19K	84.97 5	P	P	19 11 25.6 +1.0
E19K	E19K	84.97 5	I Amb	I Amb	19 11 26.8
E19K	E19K	85.34 7	P	P	19 11 27.5 +1.0
E19K	E19K	85.34 7	I Amb	I Amb	19 12 03.7
I28M	Miner Creek	86.40 14	P	P	19 11 33.5 +1.6
I28M	Miner Creek	86.40 14	I Amb	I Amb	19 11 34.0
D22K	Ayikyak River	87.23 8	P	P	19 11 36.8 +1.0
D22K	Ayikyak River	87.23 8	I Amb	I Amb	19 11 47.9
D23K	Nanushuk River	87.58 8	P	P	19 11 38.9 +1.4
BUR08	Buocovina Ar. S	145.64 336	PKP	PKPdf	19 18 25.9 -0.6
BURAR	Buocovina Array	145.66 336	PKP	PKPdf	19 18 27.2 -0.3

IDC 27 19:32:24.3±2.7, 0.9N; 141°30'E, h54km±19km, mb3.7/1.5, bmtmp4.0/2.0, ML3.5/5, MS2.8/4, Error ellipse: s-maj=18.8km s-min=12.3km az=80.0
 NIED 27 19:32:25.3±3.7, 1.1N; 141°10'E, h52km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10¹⁴Nm; Mb6.41; Mw-2.03; Mw-4.38; Mw-1.74; Mw-1.49; Mw-4.48; Fault plane solution: Ms7.50000x10¹⁴ NP1:23.00000*, 0.65.00000*, 0.83.00000*. NP2:207.00000*, 0.25.00000*, 1.94.00000*
 NEIC 27 19:32:25.4±1.6, 3.7°15'N, 104°14'11"E, 0.7, h49km, 8km, mb4.5/2.1, Error ellipse: s-maj=11.5km s-min=1.2km az=116.0
 JMA 27 19:32:25.0±1.3, 7.1°N, 103°14'11"E, 0.6, h52km, MD4.0/4.0, MV4.2/4.0, E OFF FUKUSHIMA PREF.
 JMA Felt J1 at E OFF FUKUSHIMA PREF.
 ISC 27 19:32:24.1±1.1, 37.09N, 104.141E, h49km, 8km, n78, c19/64/71, mb4.1/2.0, 16D, Near east coast of eastern Honshu

Code	Station Name	Δ° AZ'	Phase ID	Time Res h m s ISC
ONAJ	Iwakimizuishiy	0.36 272	Op Pn	19 32 34.1 +0.3
ONAJ	Iwakimizuishiy	0.36 272	Sb	19 32 40.3 -0.3
ONAJ	Iwakimizuishiy	0.36 272	S	19 32 34.1
JFK	Kawauchi	0.41 312	Op Pn	19 32 34.6 +0.4
JFK	Kawauchi	0.41 312	Sb	19 32 41.1 -0.3
JFK	Kawauchi	0.41 312	S	19 32 34.6
JFFD	Fukushimaarray	0.55 270	Op Pn	19 32 36.0 0.0
JFFD	Fukushimaarray	0.55 270	Sb	19 32 43.4 -1.0
JFFD	Fukushimaarray	0.55 270	S	19 32 36.0
JMST	Minamisomotoku	0.69 335	A	19 32 38.3
JHO	Hitachi	0.73 229	Op Pn	19 32 38.2 0.0
JHO	Hitachi	0.73 229	Sb	19 32 47.2 -1.1
JHO	Hitachi	0.73 229	S	19 32 38.2
JMM	Marumori	0.85 335	Op Pn	19 32 39.8 +1.1
JMM	Marumori	0.85 335	Sb	19 32 40.1 +0.3
JMM	Marumori	0.85 335	S	19 32 51.0 -0.3
JMM	Marumori	0.85 335	Op Pn	19 32 40.1
JOTO	OTAMA OYAMA	0.87 303	Op Pn	19 32 40.4 +0.4
JOTO	OTAMA OYAMA	0.87 303	Sb	19 32 51.6 -0.1
JOTO	OTAMA OYAMA	0.87 303	S	19 32 45.3
JFY	Yanaizu	1.27 285	Op Pn	19 32 45.3 -0.2
JFY	Yanaizu	1.27 285	Sb	19 33 01.9 -1.2
JFY	Yanaizu	1.27 285	S	19 32 45.3
JJO	Ouri	1.36 313	Op Pn	19 32 47.4 +0.8
JJO	Ouri	1.36 313	Sb	19 33 04.0 +0.5
JJO	Ouri	1.36 313	S	19 32 47.4 +0.8
JYS	Shirataka	1.47 320	Op Pn	19 32 49.7 +0.6
JYS	Shirataka	1.47 320	Sb	19 32 49.7 -0.1
JYK	Katashina	1.64 259	Op Pn	19 32 51.0 +0.4
JYK	Katashina	1.64 259	Sb	19 33 02.9 +0.5
MJAR	Matushiro	2.50 258	Op Pn	19 33 32.9 +1.2
MJAR	Matushiro	2.50 258	Sb	19 34 09.0
MJAR	Matushiro	2.50 258	S	19 33 32.9 +1.2
MAJO	Matsushiro	2.50 258	Op Pn	19 33 02.8 +0.4
MJB9	Matsu-Tunnel	2.51 258	Op Pn	19 33 03.8 +1.5
MJB9	Matsu-Tunnel	2.51 258	Sb	19 33 01.9 -1.2
JSD	Sado	2.56 293	Op Pn	19 33 16.4 +0.6
JGJ	Kuroka	3.48 246	Op Pn	19 33 20.7 +2.1
JTM	Temabayashi	3.69 358	Op Pn	19 33 21.0 +0.3
INU	Inuyama	3.84 244	Op Pn	19 33 23.9 -0.9
JHJ2	Mitsuna	4.14 197	Op Pn	19 33 24.4 -0.4
JHJ	Hachijo jima 2	4.14 197	Op Pn	19 33 24.4 -0.4
JHJ	Hachijo jima 2	4.14 197	Sb	19 34 12.5 +0.5
JHJ	Hachijo jima 2	4.14 197	S	19 33 24.4 -0.4
ERM	Erimo	5.13 16	Op Pn	19 33 39.0 +0.7
ASAJ	Asahikawa	7.09 8	Op Pn	19 34 05.4 +0.2
ASAJ	Asahikawa	7.09 8	Sb	19 35 19.8 -4.6
ASAJ	Asahikawa	7.09 8	S	19 34 05.4 +0.2
JUK	Kamikawa-asahi	7.99 8	Op Pn	19 34 05.7 +0.5
JUK	Utsuriyok Ar.	9.09 318	Op Pn	19 34 45.8 +0.9
KSRS	Korea Array	10.63 276	Op Pn	19 34 56.7 +3.0
KSRS	Korea Array	10.63 276	Sb	19 38 18.7
KSRS				

27d 21h

Table with columns for station code, name, frequency, and other parameters. Includes stations like FRU1 Bishkek, BTk Batken, LSA Lhasa, etc.

2018 SEP

Table with columns for station code, name, frequency, and other parameters. Includes stations like HYB comp=Z,5um,10.8s, BRZs Berezinski, etc.

1734

Table with columns for station code, name, frequency, and other parameters. Includes stations like MASF SNR=7.3, MASF Esma-Masafi, etc.

JRN	comp=Z,145nm,1.0s	25.92	P	P	21 18 52.2 +0.2
LYN	Qarun Island	26.10	P	P	21 18 55.8 +2.2
LYN	GuanYang	26.10	P	P	21 18 59.8 +1.7
LYN			pP	pP	21 19 02.3 +5.5
LYN			S	S	21 23 30.0 +4.5
LYN	comp=Z,58nm,1.1s		pmax	pmax	
LYN	comp=Z,740nm,7.6s		LR	LR	
LYN	comp=Z,2µm,12.7s		LR	LR	
LYN	comp=Z,1µm,12.7s		LR	LR	
LYN	comp=Z,4µm,15.1s		LR	LR	
GHWR	Ruweis	26.36	P	P	21 18 56.2 +0.2
MZR	Muzera	26.36	P	P	21 18 56.7 +0.6
SVE	Sverdlovsk	26.47	P	P	21 18 56.9 +0.2
SVE	comp=Z,39nm,1.1s		pmax	pmax	
SVE	comp=Z,2µm,12.0s		MLR	MLR	
PALK	Pallekele	26.80	P	P	21 18 59.0 -1.0
PALK	Pallekele	26.80	P	P	21 18 59.1 -1.0
PALK	comp=Z,37nm,1.3s		pmax	pmax	
PALK	Pallekele	26.80	P	P	21 19 01.0 +0.9
ARTI	Arti	26.97	P	P	21 19 00.5 -0.7
ARTI	comp=Z,28nm,0.8s		IAMB	IAMB	21 19 07.6
ARTI	Arti	26.97	P	P	21 19 01.1 -0.2
ARTI	Arti		S	S	21 23 40.4 +1.6
ARTI	Arti		SS	SSn	21 24 46.5 +2.6
ARTI	comp=Z,27nm,0.8s		pmax	pmax	
ARTI	comp=Z,964nm,15.0s		MLR	MLR	
SHMA	Al-Shehemyia	27.05	P	P	21 19 02.0 -0.2
GULI	GulIn	27.10	P	P	21 19 03.3 +0.6
GULI	comp=Z,3µm,22.3s		LR	LR	
GULI	comp=Z,1µm,20.8s		LR	LR	
GULI	comp=Z,1µm,10.9s		LR	LR	
SLWR	Sila	27.26	P	P	21 19 03.9 -0.2
MAK	Makhachkala	27.30	P	P	21 18 59.7 -4.6
MAK	comp=Z,95nm,1.4s		eS	S	21 23 38.0 -6.2
MAK	comp=Z,2µm,12.0s		pmax	pmax	
MAK	comp=Z,2µm,12.0s		MLR	MLR	
TRNA	Turayna	27.34	P	P	21 19 04.4 -0.4
SAKB	Bahrain	27.35	P	P	21 19 04.8 -0.1
HNS	HongShan	27.61	P	P	21 19 09.3 +2.1
HNS	comp=Z,19nm,1.5s		S	S	21 23 53.8 +4.5
HNS	comp=Z,19nm,1.5s		pmax	pmax	
HNS	comp=Z,2µm,11.8s		LR	LR	
HNS	comp=Z,2µm,11.8s		LR	LR	
HNS	comp=Z,3µm,14.1s		LR	LR	
WHN	Wuhan	28.51	P	P	21 19 18.8 +3.5
WHN	comp=Z,84nm,1.1s		pmax	pmax	
WHN	comp=Z,4µm,10.0s		LR	LR	
WHN	comp=Z,5µm,8.2s		LR	LR	
WHN	comp=Z,4µm,12.0s		LR	LR	
BJT	Baijiatau	28.68	P	P	21 19 16.2 -0.5
BJT	Baijiatau	28.68	P	P	21 19 16.2 -0.5
BJT	comp=Z,18nm,1.3s		pmax	pmax	
BJI	Beijing	28.69	P	P	21 19 18.5 +1.8
BJI	comp=Z,3.0nm,0.8s		P	P	21 22 28.3 +1.1
BJI	comp=Z,570nm,14.3s		LR	LR	
BJI	comp=Z,350nm,13.6s		LR	LR	
BJI	comp=Z,510nm,20.7s		LR	LR	
XLT	XILinHaoTe	28.88	P	P	21 19 19.8 +1.2
XLT	comp=Z,20nm,1.4s		eP	P	21 21 24.0 +0.9
XLT	comp=Z,990nm,9.9s		pP	pP	21 22 29.3 +1.5
XLT	comp=Z,2µm,1.4s		S	S	21 24 09.0 -0.4
XLT	comp=Z,1µm,8.9s		pmax	pmax	
UBPT	Khong Chiam	29.16	P	P	21 19 21.0 -0.1
GNI	Garni	29.18	P	P	21 19 21.0 -0.3
GNI	comp=Z,29nm,0.9s		IAMB	IAMB	21 19 48.5
GNI	Garni	29.18	P	P	21 19 23.6 +2.2
GNI	Garni	29.18	P	P	21 19 23.6 +2.2
GNI	comp=Z,44nm,1.7s		pmax	pmax	
GNI	comp=Z,34nm,1.1s		P	P	21 19 20.1 -1.3
TIA	Taian	29.66	P	P	21 19 24.0 -1.4
TIA	comp=Z,16nm,1.5s		pmax	pmax	
TIA	comp=Z,4µm,19.6s		LR	LR	
TIA	comp=Z,800nm,22.5s		LR	LR	
TIA	comp=Z,3µm,13.7s		LR	LR	
BELG	Belogornoye	29.84	P	P	21 31 16.7
BELG	Belogornoye	29.84	P	P	21 19 27.5 +0.7
BELG	comp=Z,3.0nm,0.8s		pmax	pmax	
QIZ	Qiongzhong	29.93	P	P	21 19 33.3 +5.4
QIZ	comp=Z,340nm,8.4s		S	S	21 24 31.5 +5.6
QIZ	comp=Z,1µm,16.8s		sS	sS	21 24 45.0 +1.4
QIZ	comp=Z,1µm,15.1s		pmax	pmax	
QIZ	comp=Z,970nm,15.1s		LR	LR	
NCK	Nalchik	30.20	P	P	21 19 31.6 +1.4
NCK	comp=Z,25nm,0.9s		iP	pmax	
KARS	Kars	30.45	P	P	21 19 31.1 -1.5
KARS	Kars	30.45	P	P	21 19 31.1 -1.5
KARS	comp=Z,43nm,0.8s		pmax	pmax	
KBZ	Khabaz	30.72	P	P	21 19 34.9 +0.2
KBZ	comp=Z,9.5nm,1.0s		LR	LR	21 33 53.3
KBZ	comp=Z,1µm,19.2s		LR	LR	21 33 53.3
KBZ	comp=Z,9.5nm,1.0s		LR	LR	21 33 53.3
KBZ	comp=Z,9.0nm,0.9s		pmax	pmax	
GOF	Goitskyev	30.76	P	P	21 19 36.9 +1.8
SRIT	Nakonsritamara	30.81	P	P	21 19 35.3 -0.4
KIV	Kislovodsk	30.90	P	P	21 19 35.2 -1.2
KIV	Kislovodsk	30.90	P	P	21 19 37.9 +1.5
KIV	SNR=5.1		P	P	21 19 37.7 +1.3
KIV	Kislovodsk	30.90	P	P	21 19 37.4 +1.9
KIV	Kislovodsk	30.90	P	P	21 24 42.8 +1.0
KIV	comp=Z,11nm,1.1s		eS	SSS	21 26 39.4
KIV	comp=Z,487nm,15.0s		pmax	pmax	
KIV	Kislovodsk	30.90	P	P	21 19 35.1 -1.3

SHA1	comp=Z,13nm,1.2s	30.90	P	P	21 19 38.5 +1.9
SIRT	Sirdak	31.11	P	P	21 19 37.6 -0.7
SIRT	comp=Z,23nm,0.9s		IAMB	IAMB	21 20 03.5
GURO	Guromak-BITLI	31.34	P	P	21 19 38.6 -1.8
NJ2	Nanjing	31.84	P	P	21 19 44.5 -0.2
NJ2	comp=Z,9.0nm,0.6s		pmax	pmax	
NJ2	comp=Z,370nm,4.0s		LR	LR	
NJ2	comp=Z,900nm,8.5s		LR	LR	
NJ2	comp=Z,980nm,8.1s		LR	LR	
KIRV	Kirov	32.08	P	P	21 33 13.9
KIRV	Kirov	32.08	P	P	21 19 46.9 +0.5
LABN	Labinsk	32.36	P	P	21 19 50.2 +1.0
LABN	comp=Z,46nm,0.8s		pmax	pmax	
LHMI	Lhok Sumawe	32.50	P	P	21 19 50.1 -0.5
LHMI	Lhok Sumawe	32.50	P	P	21 19 54.2 +3.6
RAYN	Ar Rayn	32.53	P	P	21 19 49.7 -1.2
RAYN	Ar Rayn	32.53	P	P	21 22 37.5 -0.2
RAYN	Ar Rayn	32.53	P	P	21 19 50.5 -0.5
RAYN	Ar Rayn	32.53	P	P	21 19 50.5 -0.4
ERBB	Yeremizino-Bor	32.63	P	P	21 19 50.7 -0.2
ERBR	comp=Z,58nm,1.7s		pmax	pmax	21 19 51.9 +0.4
ERBR	comp=Z,472nm,12.0s		MLR	MLR	
VRH	Novokhopovsk	32.88	P	P	21 19 54.2 +0.6
VRH	comp=Z,37nm,0.6s		pmax	pmax	
DL2	Dalian	32.95	P	P	21 19 56.3 +1.9
DL2	comp=Z,40nm,0.9s		eS	S	21 25 18.0 +5.2
DL2	comp=Z,280nm,8.7s		pmax	pmax	
DL2	comp=Z,1µm,13.8s		LR	LR	
DL2	comp=Z,1µm,15.2s		LR	LR	
DL2	comp=Z,1µm,18.3s		LR	LR	
SOC	Sochi	33.02	P	P	21 19 53.3 -1.6
SOC	comp=Z,688nm,16.0s		eS	S	21 21 02.8
SOC	comp=Z,688nm,16.0s		eS	S	21 25 13.1 -0.7
SOC	comp=Z,688nm,16.0s		eSS	SSn	21 27 13.2 +1.9
SOC	comp=Z,688nm,16.0s		eSSS	SSS	21 27 29.0
SOC	comp=Z,688nm,16.0s		MLR	MLR	
SSE	Sheshan	34.01	P	P	21 20 01.5 -2.2
SSE	comp=Z,22nm,0.8s		S	S	21 25 28.0 -1.4
SSE	comp=Z,660nm,6.0s		pmax	pmax	
SSE	comp=N,630nm,5.9s		LR	LR	
SSE	comp=E,470nm,5.9s		LR	LR	
KULM	Kulim	34.17	P	P	21 20 04.2 -0.9
KULM	Kulim	34.17	P	P	21 20 04.7 -0.4
ARRP	Arapgir-MALATY	34.17	P	P	21 20 04.9 -0.3
VORD	Divnogorie	34.30	P	P	21 20 03.9 -2.1
VORD	comp=Z,30nm,1.0s		pmax	pmax	
VSR	Storzhevoye	34.44	P	P	21 20 05.9 -1.3
VSR	comp=Z,30nm,0.7s		pmax	pmax	
VSR	comp=Z,2µm,16.0s		MLR	MLR	
VORR	Voronezh	34.52	P	P	21 20 07.5 -0.4
VORR	comp=Z,20nm,0.9s		pmax	pmax	
ANN	Anapa	34.71	P	P	21 20 08.7 -0.9
ANN	comp=Z,29nm,0.7s		eS	S	21 25 44.4 +4.4
ANN	comp=Z,895nm,15.0s		pmax	pmax	
LPSR	Galich'ya Gora	34.92	P	P	21 20 10.8 -0.5
LPSR	comp=Z,60nm,0.9s		MLR	MLR	
LPSR	comp=Z,780nm,12.0s		pmax	pmax	
IPM	Iphoh	35.05	P	P	21 20 10.4 -2.5
IPM	Iphoh	35.05	P	P	21 20 13.8 +1.0
GAZ	Gaziantep	35.28	P	P	21 20 13.6 -1.2
NRIK	Noril'sk	35.39	P	P	21 20 14.8 -0.4
NRIK	Noril'sk	35.39	P	P	21 20 14.8 -0.4
NRIK	comp=Z,5.6nm,0.6s		LR	LR	21 37 17.4
NRIK	comp=Z,928nm,18.9s		LR	LR	21 37 17.4
NRIK	comp=Z,5.6nm,0.6s		LR	LR	21 37 17.4
NRIK	Noril'sk	35.39	P	P	21 20 15.8 +0.6
NRIK	comp=Z,31nm,1.6s		pmax	pmax	
CN2	Changchun	35.64	P	P	21 20 17.8 +0.2
CN2	comp=Z,10.0nm,1.3s		eS	S	21 25 52.3 -2.0
CN2	comp=Z,300nm,6.5s		pmax	pmax	
CN2	comp=Z,500nm,11.0s		LR	LR	
CN2	comp=Z,800nm,11.0s		LR	LR	
CN2	comp=Z,1µm,13.0s		LR	LR	
KHAM	Kharkiv	36.03	P	P	21 20 19.8 -1.2
BNN	Bunyan	36.13	P	P	21 20 20.4 -1.7
BNN	comp=Z,67nm,1.4s		IAMB	IAMB	21 20 37.5
GSI	Gunungsitoli	36.30	P	P	21 20 22.2 -1.4
GSI	Gunungsitoli	36.30	P	P	21 20 24.1 +0.5
MOS	Moscow	36.54	P	P	21 20 23.7 -1.5
MOS	comp=Z,85nm,1.5s		eS	S	21 26 10.4 +2.6
MOS	comp=Z,2µm,14.0s		pmax	pmax	
MOS	comp=Z,2µm,14.0s		MLR	MLR	
MOS	comp=Z,2µm,14.0s		MLR	MLR	
NACB	Ninganchiao	36.80	P	P	21 20 27.4 -0.4
OBN	Obninsk	36.94	P	P	21 20 27.9 -0.6
OBN	comp=Z,73nm,1.3s		IAMB	IAMB	21 20 30.8
OBN	Obninsk	36.94	P	P	21 36 54.5
OBN	Obninsk	36.94	P	P	21 20 29.4 +0.9
OBN	Obninsk	36.94	P	P	21 21 49.0
OBN	Obninsk	36.94	P	P	21 26 02.8 -1.1
OBN	comp=Z,80nm,1.5s		iS	S	
OBN	comp=Z,954nm,16.0s		pmax	pmax	
OBN	comp=Z,61nm,1.0s		MLR	MLR	
TWG	Pinlang	36.96	P	P	21 20 28.4 -0.8
TWG	comp=Z,28nm,0.5s		IAMB	IAMB	21 20 54.6
INCN	Inchon	37.03	P	P	21 20 29.5 -0.2
INCN	comp=Z,47nm,1.1s		IAMB	IAMB	21 20 35.3
INCN	Inchon	37.03	P	P	21 20 29.5 -0.2
INCN	comp=Z,47nm,1.1s		pmax	pmax	
BNX	BinXian	37.06	P	P	21 20 30.3 +0.6
BNX	comp=Z,17nm,0.9s		pmax	pmax	
PLTM	Poltava	37.07	P	P	21 20 28.7 -1.1
SIM	Simerfopol'	37.07	P	P	21 20 31.2 +1.3
SIM	comp=Z,22nm,0.9s		eS	S	21 26 19.0 +2.8

SIM	comp=N,120nm,9.5s		pmax	pmax	
SIM	comp=N,220nm,14.2s		MLR	MLR	
SIM	comp=Z,300nm,16.0s		MLR	MLR	
BZK	Bozkurt	37.24	P	P	21 20 30.0 -1.3
HEH	Heihe	37.40	P	P	21 20 33.5 +0.9
HEH	comp=Z,105nm,1.5s		eP	P	21 22 51.5 +0.2
HEH	comp=Z,12nm,1.3s		pP	pP	21 26 21.0 -0.1
HEH	comp=Z,150nm,4.5s		S	S	
HEH	comp=Z,930nm,11.3s		pmax	pmax	
HEH	comp=Z,1µm,12.7s		LR	LR	
HEH	comp=Z,1µm,11.8s		LR	LR	
MMAI	Mount Meron Ar	37.57	P	P	21 20 34.6 +0.3
MMAI					

27d 21h

Table with columns for station name, frequency, power, and signal strength. Includes stations like TLOR, SORM, SORCA, ELL, ELLI, TPGR, MI30, ATD, VLDR, JNU, etc.

2018 SEP

Table with columns for station name, frequency, power, and signal strength. Includes stations like LOT, MEF, SUW, APE, MTSE, KEF, MARR, MESR, etc.

1736

Table with columns for station name, frequency, power, and signal strength. Includes stations like JAVC, SMOL, MODS, MODS, JHJ, TRO, etc.

27d 21h

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like H19K, E23K, G21K, etc.

2018 SEP

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like G26K, CHUM, H25L, etc.

1738

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like CUT, H29M, WAT1, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like K29M Barlow Dome, K29K Barlow Dome, N25K Chitina, Valde, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like P32M Atin, P32M comp=Z,17nm,1.2s, CTA Charters Tower, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LM05 Lake Muir 05, LM05 Narrogin (SRO), DJA 27 21:37:09.9, etc.

27d 22h

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like P19K Oil Pt, L14K Kuka Creek, M19K Granite Mounta, etc.

2018 SEP

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like L18K Granite Mounta, M19K Big River Lodg, B04A Port Angeles, etc.

1744

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like DIV Divide, HAWA Hard Hat, HEH Heihe, etc.

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like JIS Juneau Island, HA18 Honhosa River, and many others.

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like F18K Selawik, BNM Barren Site, and many others.

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like K27K Chicken, K27K Chickpea, and many others.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like E21K Killik River, LIRD Liard River, E22K Anaktuvuk Pass, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like VNA1 comp=Z,2.7nm,0.8s, D27M Malcolm River, LZH Lanzhou, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like OBN OBNS, LPSR Galich ya Gora, VORR Voronezh, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Position, and other parameters. Includes stations like OKC Ostrava-Krasne, UPC Upice, and MORC Moravsky Berou.

Table with columns: Code, Station Name, Azimuth, Altitude, Position, and other parameters. Includes stations like ARSA Arzberg, JOE Queens Est, and BIA Saint Aubin.

Table with columns: Code, Station Name, Azimuth, Altitude, Position, and other parameters. Includes stations like SONM Songino Array, MKAR Makanchi Array, and H1N1 WAKE ISLAND Hy 41.92.

Table with columns: Code, Station Name, Azimuth, Altitude, Position, and other parameters. Includes stations like Code Station Name, Azimuth, Altitude, Position, and other parameters.

Table with columns: Code, Station Name, Azimuth, Altitude, Position, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and MKAR Makanchi Array.

Table with columns: Code, Station Name, Azimuth, Altitude, Position, and other parameters. Includes stations like CNRM 27 22:49:36, MDD 27 22:49:38, and INMG 27 22:49:38.

Table with columns: Code, Station Name, Azimuth, Altitude, Position, and other parameters. Includes stations like Code Station Name, Azimuth, Altitude, Position, and other parameters.

JMA 27 22:27:45.0, 9.21°N, 124°12'E, h93km, MV3.7/11, PHILIPPINE ISLAND REGION

IDC 27 22:52:7.4, 0.21°83'N, 121°42'E, h0km, mb3.9/10, mbmp3.9/11, ML3.7/11, MS3.5/6, Error ellipse: s-maj=81.1km s-min=24.4km az=152.0

ISC 27 22:51.9, 1.8, 21°2'N, 122°1'E, 0.1, h35km, n30, a1506/20, mb3.9/9, MS3.5/4, Taiwan region

Table with columns: Code, Station Name, Azimuth, Altitude, Position, and other parameters. Includes stations like TWGBT Beinan, YULB Yu-li, and TPUB Ta-pu.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include BCAR Beaver Creek A, M27K Edge Creek, I28M Miner Creek, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include TOLIZ Tolitoli, JUNU Nakatsue, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include YVAC Isparta, DOGA KONYA Doganhis, KHL Karahalli, etc.

IDC 27 23:47:02.7z 1.3,26.73N;129.56E, h0km, mb4.0/7, mbtmp4.0/8, ML4.2/1, MS3.6/10, Error ellipse: s-maj=64.0km s-min=18.3km az=72.0

JMA 27 23:47:04.8z 0.1,26.9N;0.5;129.7E;0.4, h54km, MV3.7/24, NEAR OKINAWAJIMA ISLAND

ISC 27 23:47:03.4z 1.6,26.77N;0.03;129.69E;0.03, h12km;10km, n34, c1848/42, mb4.1/7, MS3.7/9, Ryukyus Islands

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include JYRO Yoronjima, JYRC Okinoerabujima, JOKE Tokunoshima, etc.

HLW 28 00:26:26.4, 36.98N;30.73E, h10km;21km, Md4.5, M15.1

IDC 28 00:26:28.0z 0.9,37.01N;30.52E, h86km, 11km, mb3.9/15, mbtmp4.2/28, MS2.8/1, Error ellipse: s-maj=8.9km

MOS 28 00:26:28.6z 1.0,36.99N;30.55E, h110km, mb4.3/6, Error ellipse: s-maj=6.8km s-min=4.0km az=110.9

MCSM 28 00:26:29.9z 0.3,37.15N;3.37E, h100km;9km, MB2.2, mb4.0, MLV4.2, Mw(m)B5.9

ISK 28 00:26:29.8z 37.15N;30.44E, h103km, ML4.1/33

ATH 28 00:26:29.3z 37.12N;30.44E, h115km;13km, ML4.0/6, Error ellipse: s-maj=15.0km s-min=3.0km az=250.0

NIC 28 00:26:29.5z 36.84N;30.47E, h123km;4km, MH4.1/10

NEIC 28 00:26:30.6z 1.7,37.06N;0.05;30.51E;0.07, h111km;7km, mb4.1/23, Error ellipse: s-maj=8.1km s-min=6.7km az=114.0

GII 28 00:26:31.5z 0.4,36.87N;0.03;30.625E;0.009, h40km, Mws4.1, confirmed

AFAD 28 00:26:32.9z 0.0,37.20N;30.44E, h78km;1km, MW4.0

THE 28 00:26:32.1z 37.11N;30.50E, h82km;5km, ML4.0/5, Error ellipse: s-maj=5.6km s-min=1.4km az=325.0

NAO 28 00:26:47.9z 39.36N;29.60E, h33km, mb4.2

ISC 28 00:26:29.5z 0.5,37.07N;0.03;30.51E;0.02, h102km;5km, n474, c1846/541, mb4.1/26, 29C-BD, Turkey

Code Station Name Az Phase Op ISC Time Res

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include KORT Korkuelli, KORT Korkuelli, KORT Korkuelli, etc.

ARG comp=N,2961um,0.2s

ARG comp=E,3563km,0.3s

MANT Manisa 2.10 313 P Pn 00 27 03.3 +0.3

KIZT Kizilca 2.11 30 Pn 00 27 04.2 +0.5

GEDZ Gediz 2.16 337 Pn 00 27 04.5 +0.3

GLBZ Gediz 2.18 338 Pn 00 27 04.4 +0.1

MDS Milas 2.19 277 Pn 00 27 05.2 +0.5

KRMM Karaman 2.20 86 Pn 00 27 06.8 +1.9

AYDB Zeytinokuy-Aydi 2.25 284 Pn 00 27 07.2 +0.4

TEKE Tekeli-Mersin 2.29 113 Pn 00 27 07.7 +1.8

BERE Bereket-Mersin 2.29 107 Pn 00 27 08.4 +2.3

IZMR zmir-demi 2.29 299 Pn 00 27 05.5 +0.5

CIFT Cifteler, Eski 2.33 11 Pn 00 27 06.2 +0.3

SMAA Simav-Kutayha 2.36 330 Pn 00 27 07.2 +0.3

DAT Datca 2.37 263 Pn 00 27 07.3 +0.2

DAT Datca 2.37 263 Pn 00 27 07.7 +0.6

DAT Datca 2.37 263 Pn 00 27 07.3 +0.2

CHBY Cihanbeyli 2.42 51 Pn 00 27 08.8 +1.1

CHBY Cihanbeyli 2.42 47 Pn 00 27 08.6 +0.9

TEVE Tevrekli-Mers 2.44 104 Pn 00 27 04.0 +2.5

BDRM Kayabasi 2.45 271 Pn 00 27 08.0 +0.0

YAZI Mula-Datca 2.48 262 Pn 00 27 08.6 +0.2

ANDZ Kutayha, Merke 2.49 349 Pn 00 27 08.8 +0.2

EMET Khatya-Emet 2.49 338 Pn 00 27 08.4 +0.2

YORU Yonuktepe-Mers 2.50 110 Pn 00 27 12.7 +3.5

OREN Orenkoy-Mers 2.52 109 Pn 00 27 10.9 +2.0

AKMS Akamas 2.52 144 S Sn 00 27 09.1 +0.1

AKMS Akamas 2.52 144 S Sn 00 27 38.4 +0.8

AKMS Akamas 2.52 144 S Sn 00 27 53.1

ALFC comp=E,4.5nm,0.4s

ALFC comp=E,8.3nm,0.4s

ALFC Alefka 2.55 138 Pn 00 27 08.6 +0.7

ALFC Alefka 2.55 138 S Sn 00 27 38.7 -1.2

ALFC Alefka 2.55 138 S Sn 00 27 46.6

BODT Bodrum 2.56 271 Pn 00 27 08.8 +0.4

BODT Bodrum 2.56 271 S Sn 00 27 39.2 +0.2

BODT Bodrum 2.56 271 S Sn 00 27 39.2 +0.9

GULN MERSIN, Gulnar 2.59 109 S Sn 00 27 11.6 +1.7

GULN MERSIN, Gulnar 2.59 109 S Sn 00 27 41.1 +0.1

GORD Gordes-Manisa 2.60 316 Pn 00 27 10.2 +0.1

GAAMA Garmar-Man 2.62 309 Pn 00 27 10.3 +0.4

DDIM Aydin, Didim 2.64 279 Pn 00 27 10.3 -0.1

GCAM G?zelcamli? 2.69 285 Pn 00 27 11.2 +0.1

GCAM G?zelcamli? 2.69 285 Pn 00 27 10.8 -0.3

LEF Lefka 2.74 135 Pn 00 27 12.0 +0.2

LEF Lefka 2.74 135 S Sn 00 27 41.0 -3.4

NISR Nisiroz 2.75 262 S Sn 00 27 12.9 +0.4

NISR Nisiroz 2.75 262 S Sn 00 27 44.2 -0.4

NISR comp=E,1.1um,0.6s

NISR Nisiroz 2.75 262 Pn 00 27 11.1 -0.8

NISR comp=E,2871um,0.7s

NISR Nisiroz 2.75 262 Pn 00 27 51.8

NISR comp=N,1975um,1.2s

NISR Khatya-Doman 2.79 347 Pn 00 27 12.4 -0.2

DKMA AKhisar 2.79 311 Pn 00 27 12.0 -0.6

ELL Eskisehir 2.81 359 Pn 00 27 13.2 +0.4

NATA Nata 2.83 143f Pn 00 27 13.8 +0.7

NATA Nata 2.83 143f S Sn 00 27 47.1 +0.6

NATA Nata 2.83 143f S Sn 00 28 01.7

NATA comp=N,8.4nm,0.6s

NATA Nata 2.83 143f S Sn 00 28 08.8

KKUL Konya-Kulu 2.83 41 Pn 00 27 14.2 +1.0

KLNA Kalymnos 2.83 269 Pn 00 27 12.9 -0.2

KLNA comp=N,980um,0.6s

KLNA Kalymnos 2.83 269 Pn 00 27 45.5

KLNA comp=N,1422um,0.2s

KLNA Kalymnos 2.83 269 Pn 00 27 49.4

TROD Troodos 2.85 137 P S 00 27 13.8 +0.3

TROD Troodos 2.85 137 S Sn 00 27 47.5 +0.3

TROD Troodos 2.85 137 S Sn 00 28 05.9

TROD comp=E,2.2nm,0.5s

TROD Troodos 2.85 137 S Sn 00 28 09.2

TROD comp=E,2.2nm,0.7s

AUBOZ BOVUK 2.86 353 P Pn 00 27 13.7 +0.2

KERG Konya-Eregli 2.91 82 P Pn 00 27 15.3 +1.1

AUKUT KUTAHYA 2.91 353 P Pn 00 27 07.1 -7.0

KIZK Mersin 2.98 100 Pn 00 27 17.0 +2.1

DURS Dursunbey 2.99 328 Pn 00 27 15.4 +0.1

SMG Samos 2.99 283 Pn 00 27 15.1 -0.1

SMG Samos 2.99 283 S Sn 00 27 49.2 -1.2

SMG comp=E,530nm,0.3s

SMG Samos 2.99 283 P Pn 00 27 15.0 -0.2

SMG Samos 2.99 283 S Sn 00 27 48.5 -2.0

SMG Samos 2.99 283 S Sn 00 27 50.8 -0.9

SMG comp=N,1003um,0.3s

SMG Samos 2.99 283 S Sn 00 27 50.8

SMG comp=E,1101um,0.3s

AKSY AKSARAY - Alt 3.02 57 P Pn 00 27 16.4 +0.8

ATHAL Athalassa 3.03 129 S Sn 00 27 15.7 -0.0

ATHAL Athalassa 3.03 129 S Sn 00 27 51.8 +0.7

ATHAL Athalassa 3.03 129 S Sn 00 28 11.2

ATHAL comp=E,2.6nm,0.5s

ATHAL Athalassa 3.04 290 P Pn 00 27 15.6 -0.3

BALCB Balçova 3.05 297 P Pn 00 27 15.9 -0.0

APOL The Sanctuary 3.06 141 P Pn 00 27 16.5 +0.4

APOL The Sanctuary 3.06 141 S Sn 00 27 50.7 -1.3

APOL The Sanctuary 3.06 141 S Sn 00 28 11.2

APOL comp=E,1.3nm,0.3s

APOL The Sanctuary 3.06 141 S Sn 00 28 13.5

APOL comp=E,1.9nm,0.5s

APOL The Sanctuary 3.06 141 S Sn 00 27 17.1 +0.4

KARP Karpathos 3.10 242 P Pn 00 27 17.1 +0.4

Code Station Name Az Phase Op ISC Time Res

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res. Rows include TWG Pinlang, TPUB Ta-pu, YULB Yu-li, etc.

Table with columns: ARTI, NB2, NOA, POK, ESBB, ESCD, EKA, DSB, CHGR, BVAR, ARCES, TORD, KURBB, KURK, MAKZ, MK31, MK31, MKAR, ZAAO, ZALV, SPITS, SONM, ULN, HHC, HHC, CMAR, BOSA. Each row contains station name, coordinates, and various parameters.

IDC 20:00:45.53:4.0.6,24:83S:175.66W, h0km, mb4.4/14, mbtpm4.4/18, MLS.4/2, MS3.8/19, Error ellipse: s-maj=21.6km s-min=17.3km az=107.0 NEIC 20:00:45.57:4.2.8,24:3S:0.1x:175.1W:0.1, h10km, n67, mb4.7/18, Error ellipse: s-maj=20.6km s-min=1.8km az=223

ISC 20:00:45.54:1.0.5,24:36S:0:07:175.52W:0.10, h10km, n67, s167/52, mb4.6/26, MS3.8/17.5C, South of Tonga Islands

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res. Rows include RAOU, NIUE, MSFV, AFI, URZ, RAR, DZM, PZM, HNR, CTA, STKA, ASAR, ASAR, WR0, WB2, WB2, WB0, WRA, WRA, WRA, GUMO, FITZ, RPN, QSPA, QSPA, JHJ, MJAR.

Main table with columns: JNU, MAW, LPIG, KMRM, O02D, AFDM, KRMB, KSRS, WAKR, PNTR, GMN, NVAR, NVAR, TROLL, SNA, SNA, VNA3, USRK, VNA2, VNA1, J05D, PLCA, U15A, U15A, TXAR, ANMO, CFA, PDAR, M27K, ILAR, J26L, ATAH, CMAR, LVC, LPZA, KURBB, AKASO, BRTR, MMAL, ESDC, KAN09, KAN09, KAN13, KAN13, KS21, KS21, KAN01, KAN01, KAN17, KAN17, KAN05, KAN05, KAN08, KAN08, KAN12, KAN12, KAN11, KAN11, GC02, GC02, KAN14, KAN14, BLOK, BLOK, OK032, OK032, OK032, CROK, CROK. Each row contains station name, coordinates, and various parameters.

Table with columns: CROK, T35A, OK051, OK051, OK048, QUOK, OK038, NOKA, OK052, OK052, OK031, OK031, OK029, ADOK, DEOK, R32A, OKCSW, CSTR, TUL3, FNO, ELIS, RLO, RLO, U38A, U38A, WMOK, HHAR, HHAR, SMDW, X37A, S39A, WTF5, P38A, N35A, AMTX. Each row contains station name, coordinates, and various parameters.

JMA 28:01:01:04:0.4,44°N:2×14°8E', h0km, MV4.2/26, SE OFF ETORAFU SKHL 28:01:01:04:0.0,0.2,44°50N:148°40E, h55km, 4km, mb4.6/3 ISC 28:01:00:59:7.3,6,44:37N:0:09:148:8E:0.2, h50km, n14, e29:12/24, Kuril Islands

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res. Rows include KUR, KUR, KUR, SHO, SHO, SHO, YUK, YUK, YUK, NEM2, NEM2, JRA, JRA, JNSB, JNSB, JKHN, JKHN, JNK, JNK, JAK, JAK, JTR, JTR, JKK2, JKK2, JNBK, JNBK.

KRSK 28:01:06:08:2.1,6,52:69N:161:34E, h41km, 21km, M4.6 IDC 28:01:06:08:3:0.7,52:91N:160:90E, h0km, mb4.2/26, mbtpm4.2/30, M4.0/3, MS3.7/25, Error ellipse: s-maj=18.3km s-min=12.6km az=158.0 NEIC 28:01:06:11:4.2,8,53:0N:0.1:160:9E:0.1, h16km, 5km, mb4.7/40, Error ellipse: s-maj=19.9km s-min=9.0km az=174.0

MOS 28:01:06:12:3.1,2,52:79N:161:10E, h41km, mb4.9/39, Error ellipse: s-maj=6.3km s-min=3.7km az=103.5 ISC 28:01:06:11:9.0,6,52:81N:0:04:161:08E:0.04, h28km, 3km, n284, s1945/28, mb4.6/25, MS3.7/23, 28C-14D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res. Rows include SPN, SPN, SPN, NLC, NLC, NLC, SDLR, SDLR, UGLR, UGLR, DALK, DALK, DALK, SMAR, SMAR, PET, PET, PET, AVH, AVH, KRER, KRER, INSR, INSR, KOK, KOK, KRK, KRK, KRK, KII, KII, KRMR, KRMR.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Mutnovka, Gorelyy, Petkovsk, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like J20K, HIA, HIA, KADAK, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BELG, BELG, CHGR, CHGR, SIMJ, etc.

28d 2h

2018 SEP

1754 +0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for the 28-day period.

Table with columns: G29M, IAML, Time, Res, ISC. Contains station data for the 28-day period.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for the 28-day period.

IDC 28 01:44:54.2±1.8, 18:36Sx178:26W, h542km, 21km, mb3.1/6, mbmp4.0/7, Error ellipse: s-maj=26.2km s-min=20.7km az=140.0

NEIC 28 01:44:54.3±1.2, 18:25S:0:1x178:22W:0:10, h543km, 11km, mb4.2/1.1, Error ellipse: s-maj=21.0km s-min=11.7km az=200.0

ISC 28 01:44:54.4±0.8, 18:25S:0:1x178:3W:0:1, h550km, n21, c1871/21, mb4.1/1.1, Fiji Islands Region

SJA 28 02:37:14.1±0.9, 31:21S:71:46W, h61km, 3km, ML3.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for the 28-day period.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like El Pedregal, Tololo Observa, Cerro Coronel, Las Campanas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like G007, LL07, AY02, LL06, LL05, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IMMV Iera Moni Meta, AKAS Kas, WRA Warramunga Arr, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

NOU 28 03:51:54.8, 34:78S:179:37E, h291km, MLV4.0/7, South of Kermadec Islands

WEL 28 04:24:59.5:1.1, 34°S:6°17'8"E, h33km, M3.8/6, mB4.4/5, ML4.0/15, MLv3.9/6, Mw(MB)3.6/5, Error ellipse: s-maj=0.0km s-min=0.0km az=91.0, South of Kermadec Islands

ROM 28 05:24:00.7:0.1, 38°37'8"N:0°04'15.732"E:0.005, h15km, ML2.8/22, 4C, Error ellipse: s-maj=0.3km s-min=0.3km az=341.0, Sicily

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, PKGZ Pakihiroa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, PUKZ Puketiti, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CEL Celeste, GMB Gamberie, JOPP Joppolo, etc.

IDC 28 04:08:32.8:0.7, 26°50'S:67°66'E, h0km, mb4.0/15, mbtmp4.0/15, MS3.6/4, Error ellipse: s-maj=2.1km s-min=1.97km az=55.0

IDC 28 04:40:25.0:3.4, 54°30'N:87°45'E, h0km, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=28.8km s-min=18.1km az=59.0, Southwestern Siberia

IDC 28 04:50:22.3:1.1, 24°44'S:175°83'W, h0km, mb3.9/5, mbtmp4.0/6, ML4.1/1, MS4.3/1, Error ellipse: s-maj=39.2km s-min=28.9km az=140.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 28 05:23:7.0:9.245, 8:0:1x175°3'W:0.2, h10km, n12, s=236°12, mb4.1/7, 3C, South of Tonga Islands

IDC 28 05:01:48.5:1.0, 26°68'S:67°61'E, h0km, mb3.9/7, mbtmp3.9/7, Error ellipse: s-maj=39.1km s-min=24.6km az=4.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, HNR Honiara, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MILZ Milazzo, PLAC Placanca, IST3 Stromboli F, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Alice Springs, Warramunga Arr, South Pole Qui, Keskin Array B, etc.

IDC 28 05:31:49.3, 4.2, 155S:152.90E, h0km, mb3.9/6, mtbmp3.9/6, Error ellipse: s-maj=121.8km s-min=29.8km az=108.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, Makanchi Array, ZALV Zalesovo Beam, etc.

IDC 28 05:34:59.3, 1.1, 26.145S:67.61E, h0km, mb4.0/7, mtbmp4.0/7, Error ellipse: s-maj=45.0km s-min=26.4km az=131.0

ISC 28 05:35:01.0, 1.0, 26.55S:67.66E, h10km, n16, r105/7, mb4.0/7, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Diego Garcia H, Diego Garcia H, Diego Garcia H, CROZET ISLANDS, etc.

NEIC 28 05:36:55.7, 2.0, 15.6S:01:175.7W, 0.1, h340km, 9km, mb4.4/62, Error ellipse: s-maj=21.6km s-min=13.6km az=154.0

NOU 28 05:36:55.9, 15.85S:175.59W, h354km, mb4.7/8, Tonga Islands

IDC 28 05:36:56.5, 1.9, 15.70S:175.98W, h356km, 18km, mb3.9/10, mtbmp4.6/12, Error ellipse: s-maj=19.4km s-min=10.7km az=141.0

ISC 28 05:36:55.7, 0.5, 15.75S:01:175.85W, 0.09, h350km, n121, r111/115, mb4.4/4.1, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Futu Fugatoga, AFI Afiamalo, MSFV Nonsavu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ASAR Alice Springs, PETK Petropavlovsk, KMRM Mail Ridge, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PAHR GMN, KVN Kaiserville, TPNV Topopah Spring, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like J20K Nowinta River, SRU San Rafael Swe, TCUT Toone Canyon, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like O30N Mendenhall, TXAR Lajitas Array, SCRK Sand Creek, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like F19K Shalericuk Mo, J25K Salcha River, FXWY Fox Creek, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like M30M Minto, L29M Hebgan Lake, E19K Redstone River, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BFZ Birch Farm, TKNZ Takaka Hill, NNZ Nelson, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, FOR Forest, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KVN Kaiserville, J05D Fort Rock, J05D Fort Rock, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TXAR Lajitas Array, ILAR Eielson Array, J25K Salcha River, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like D24K Happy Valley, TROLL Troll, ANAA Sanae, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

ISC 28 05:47:15.3, 2.8, 26.52S:68.52E, h0km, mb3.8/4, mtbmp3.8/4, Error ellipse: s-maj=8.3km s-min=35.3km az=43.0, Indian Ocean Triple Junction

28d 6h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like Dehrash, Ghaleghazi, Gilan-e-Gharb, etc.

IDC 28 05:56:07.4 0.5, 26.54S, 67.62E, h0km, mb4.4/24, mbtmp4.4/24, MS3.7/5, Error ellipse: s-maj=15.6km s-min=14.4km az=80.0

NEIC 28 05:56:10.2 1.5, 26.6S, 0.1: 67.6E: 0.1, h10km, km, mb4.9/49, Error ellipse: s-maj=18.0km s-min=17.1km az=247.0

ISC 28 05:56:09.4 0.4, 26.57S, 0.08: 67.58E: 0.08, h10km, n134, c0592/121, mb4.8/78, MS3.7/6, 5C, Indian Ocean Triple Junction

Main table of station data for the 28-day period, including stations like Amsterdam Isla, Diego Garcia H, etc.

2018 SEP

Main table of station data for the 2018 September period, including stations like Scott Base, Kashi, etc.

1760

Main table of station data for the 1760 period, including stations like Williamsburg, Dease Lake, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like KHC Kasperske Hory, MOTA Miossal, DAVOX Davos/Dischmat, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like C24K Franklin Bluff, D23K Nanushuk River, E22K Ananukuk, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like L29M L29M, CRQM Cirque, M29M Sanna Creek, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like E29M Blow River, YUK3 Moose Creek, KWP Kaiwaria Pacla, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like VRAC Vranov, OSTC Ostas, CHVC Chvalec, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like COR Corvallis, F04A Ambro, JCC Jacoby Creek, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ANMO Albuquerque, Y22D IRIS PASSCAL, K30B Basset, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BLO Bloomington, PARMO Parma, 049A Covington, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PEL Peledue, PEL VAO3, AAGR Agrelo, etc.

ADC 28 07:03:14.6; 0.7; 0.26S; 120.13E, h0km, mb4.7/15, s-min/4.7/16, ML4.6/1, Error ellipse: s-maj=30.1km s-min/14.0km az=77.0
MOS 28 07:03:16.5; 1.0; 0.24S; 120.07E, h2km, mb5.2/27, Error ellipse: s-maj=12.8km s-min/5.7km az=104.8
BUJ 28 07:03:16.0; 0.0; 0.54S; 120.14E, h27km, mb5.0/46, mb5.7/6, Mss, 9.8, M7 5/9
NEIC 28 07:03:18.4; 1.6; 0.21S; 0.05x120.02E; 0.06, h10km, 1km, mb5.4/28, Error ellipse: s-maj=10.3km s-min=9.1km az=294.0
ISC 28 07:03:17.3; 0.4; 0.25S; 0.04; 120.04E; 0.06, h10km, n141, c1983/155, mb5.1/71, MSS.5/75, 10C-60, Minahas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOLJ Tolitoi, LUWI Luwuk, BKBA Balikpapan, etc.

Table with columns: ECH, ECHery, 92.02 324, IAMS_20, IAMS_20, 08 04 43.4, etc. Lists various radio stations and their frequencies.

Table with columns: SAML, Samuel, 120.61 240, IAMS_20, IAMS_20, 08 05 15.6, etc. Lists various radio stations and their frequencies.

Table with columns: FW03, comp=Z, 60nm, 0.8s, IAMB_Lg, 07 08 15.8, etc. Lists various radio stations and their frequencies.

ILAR Eielson Array 153.25 306 PKPbc PKIKP 07 32 58.3 +1.6

comp=Z=5.0nm,1.2s GSPA South Pole Qui 89.77 180 P I Amb 07 30 09.9 -0.1

I44RU PETROPAVLOVSK-2.73 241 Pn Pn 07 20 31.6 +4.3

TAP 28 07:14:39.2,23:15N:120:99E,h3km,ML1.2,1D,C,

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, h, m, s, Time, Res. Includes stations like ELDTW Lidau, EHD Haiduan, STYH Taoyuan, etc.

comp=Z=7.7nm,1.4s GSPA 07 30 14.2

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

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, h, m, s, Time, Res. Includes stations like GRL Gorely, MTRV Mutnovka, ASAK Asacha, etc.

IDC 28 07:19:09.0,0.7,0.25S:120:05E,h0km,mb4.1/13, mbmp4.1/14,ML4.1/1, Error ellipse: s-maj=31.8km

IDC 28 07:19:40.3,0.4,54:62N:161:42E,h0km,mb4.8/32,

SEY Seymchan 9.71 334 eP Pn 07 22 06.8 +3.8

NEIC 28 07:17:12.2,4.0,0.22S:0:06V:119:95E:0:03,h10km,1km,

BUJ 28 07:19:43.0,0.0,54:73N:161:50E,h40km,mb4.8/35,

SEY Seymchan 9.71 334 eP Pn 07 22 06.8 +3.8

DJA 28 07:17:14.0,0.0,0.3S:3:12E, h10km,M4.8/7,mb5.3/1,

MOS 28 07:19:47.1,0.9,54:53N:161:55E,h64km,mb5.4/87, Error

SEY Seymchan 9.71 334 eP Pn 07 22 06.8 +3.8

ISC 28 07:17:11.4,0.5,0.0T:0:04:119:98E:0:05,h10km,n46,

MOS 28 07:19:47.1,0.9,54:53N:161:55E,h64km,mb5.4/87, Error

SEY Seymchan 9.71 334 eP Pn 07 22 06.8 +3.8

Code Station Name Az Phase ID Op ISC h m s Time Res

Code Station Name Az Phase ID Op ISC h m s Time Res

SEY Seymchan 9.71 334 eP Pn 07 22 06.8 +3.8

Main table of station data for the first column, including stations like MPSP Mapaga, TOLJ Tolifoli, APSI Ampana, etc.

Main table of station data for the second column, including stations like TUMD Tumrok D, LGNR Loginova, CIRR Tsirk, etc.

Main table of station data for the third column, including stations like GSTR Great Sittin T, BILL Bilbino, YSS Yuzh-Sakhalin, etc.

F15K	North Star Dit	19.90	42	P	P	07 24 14.6	+1.1
L14K	Kuka Creek	19.93	56	P	Pn	07 24 15.5	-0.2
L14K	Kuka Creek	19.93	56	P	Pn	07 24 15.5	-0.2
G15K	Niukluk	19.94	45	P	P	07 24 15.6	-0.3
ZEA	Zeya	20.06	282	eP	P	07 24 15.2	-0.2
ZEA	comp=N,20nm,0.8s				pmax		
ZEA	comp=E,20nm,0.7s				pmax		
ZEA	comp=Z,30nm,0.7s				pmax		
FALS	False Pass	20.08	75	P	Pn	07 24 17.7	+0.1
M14K	Bethel	20.25	57	P	Iamb	07 24 18.1	+0.8
M14K	comp=Z,62nm,1.1s				Iamb		
M14K	Bethel	20.25	57	P	Pn	07 24 19.3	-0.3
N14K	Kuskokwak Cree	20.38	60	P	P	07 24 20.4	+1.6
L15K	Ungalak Moun	20.52	55	P	P	07 24 21.7	+1.4
K15K	Wolf Creek Mou	20.55	53	P	P	07 24 22.1	+0.6
K15K	comp=Z,46nm,1.1s				Iamb		
K15K	Wolf Creek Mou	20.55	53	P	P	07 24 22.1	+1.5
H16K	Elim	20.60	46	P	Pn	07 24 22.9	-0.7
C16K	Lisburne Hills	20.60	35	P	P	07 24 22.6	+1.6
C16K	Lisburne Hills	20.60	35	P	P	07 24 22.7	+1.6
O14K	Tiguyakuivet M	20.62	62	P	Pn	07 24 23.7	-0.1
O14K	comp=Z,52nm,1.1s				Iamb		
O14K	Tiguyakuivet M	20.62	62	P	P	07 24 23.2	+1.9
S12K	Black Hills	20.65	72	P	P	07 24 23.7	+2.0
G16K	Koyuk River	20.73	44	P	P	07 24 24.2	+1.7
M15K	Kasigliuk River	20.87	58	P	P	07 24 26.0	+1.9
J16K	Anvik River	21.08	50	P	P	07 24 28.6	+2.3
J16K	Anvik River	21.08	50	P	P	07 24 28.0	+1.7
I17K	Unalakleet	21.12	49	P	P	07 24 28.2	+1.4
D17K	Noatak River	21.16	38	P	P	07 24 29.0	+1.9
N15K	Kwethluk River	21.17	59	P	P	07 24 30.3	+2.9
N15K	comp=Z,81nm,0.8s				Iamb		
N15K	Kwethluk River	21.17	59	P	P	07 24 29.6	+2.2
HEH	HeiHe	21.20	273	eP	P	07 24 25.5	-2.1
HEH	comp=Z,14nm,1.0s				pmax		
RDOG	Red Dog Mine	21.35	37	P	P	07 24 30.3	+1.1
RDOG	Red Dog Mine	21.35	37	P	P	07 24 31.7	+2.6
O15K	Ungalikthiuk R	21.36	62	P	P	07 24 31.2	+1.9
E17K	Hotham Inlet	21.41	40	P	P	07 24 32.2	+2.5
C17K	DeLong Moutai	21.42	36	P	P	07 24 32.0	+2.1
G17K	Kiwalik Moun	21.44	44	P	P	07 24 32.6	+2.5
L16K	Owhat River	21.48	55	P	P	07 24 32.9	+2.4
L16K	Owhat River	21.48	55	P	P	07 24 33.2	+2.6
SDPT	Sand Point	21.60	72	P	P	07 24 34.4	+2.4
H17K	Granite Moun	21.63	46	P	P	07 24 34.5	+2.3
M16K	Timber Creek	21.72	57	P	P	07 24 34.4	+1.2
M16K	Timber Creek	21.72	57	P	P	07 24 35.9	+2.7
USA0B	Ussuriysk Arr	21.74	254	P	P	07 24 33.1	-0.4
USA0B	Ussuriysk Arr	21.74	254	P	P	07 24 33.1	-0.4
USRB	Ussuriysk Ar	21.74	254	P	P	07 24 32.8	-0.7
USRB	comp=Z,7,1nm,0.5s,baz=53,slow=12,SNR=21				PcP		
USRK	comp=Z,1,1nm,0.5s,baz=51,slow=1.1,SNR=3.2				PcP		
J17K	VABM Dome	21.78	50	P	Iamb	07 24 35.4	+1.6
J17K	comp=Z,60nm,1.2s				Iamb		
J17K	VABM Dome	21.78	50	P	P	07 24 36.5	+2.8
N16K	Nishlik Lake	21.82	58	P	P	07 24 36.8	+2.5
JMM	Marumori	21.90	229	P	P	07 24 35.6	+0.4
JMM	Marumori	21.90	229	P	P	07 24 36.8	+1.5
E18K	Tukpahlearik C	21.96	39	P	P	07 24 37.2	+1.5
E18K	comp=Z,72nm,1.9s				Iamb		
E18K	Tukpahlearik C	21.96	39	P	P	07 24 38.0	+2.2
L17K	Donlin	22.05	54	P	P	07 24 38.8	+2.1
K17K	Iditarod	22.07	52	P	P	07 24 38.8	+1.9
K17K	comp=Z,45nm,0.9s				Iamb		
K17K	Iditarod	22.07	52	P	P	07 24 38.8	+1.9
F18K	Selawik	22.10	42	P	P	07 24 38.5	+1.4
C18K	Utukok River	22.16	36	P	P	07 24 38.3	+0.5
C18K	Utukok River	22.16	36	P	P	07 24 39.0	+1.2
TIXI	Tiksi	22.21	333	P	P	07 24 37.9	-0.4
TIXI	comp=Z,36nm,0.8s				Iamb		
TIXI	Tiksi	22.21	333	iP	P	07 24 38.2	-0.1
TIXI	comp=Z,36nm,0.9s				pmax		
O16K	Kokwok River B	22.21	60	P	P	07 24 40.1	+1.7
B18K	Kokolik River	22.23	34	P	P	07 24 39.7	+1.2
CHNA	Chernabura Isl	22.23	73	P	P	07 24 40.1	+1.5
P16K	Nushagak River	22.32	62	P	P	07 24 40.5	+0.9
H18K	Honhosa River	22.32	46	P	P	07 24 41.0	+1.5
H18K	comp=Z,41nm,1.0s				Iamb		
H18K	Honhosa River	22.32	46	P	P	07 24 41.0	+1.5
G18K	Tagagawik	22.33	44	P	P	07 24 41.3	+1.6
G18K	Tagagawik	22.33	44	P	P	07 24 40.9	+1.2
M17K	Holitna River	22.45	56	P	P	07 24 42.8	+1.7
M17K	comp=Z,89nm,0.8s				Iamb		
M17K	Holitna River	22.45	56	P	P	07 24 41.5	+0.5
CHGN	Chignik	22.53	69	P	P	07 24 44.3	+2.5
N17K	Nushagak Hills	22.60	58	P	P	07 24 44.3	+1.7
N17K	Nushagak Hills	22.60	58	P	P	07 24 44.7	+2.1
O17K	Koliganek Bris	22.70	60	P	P	07 24 45.0	+1.3
R16K	Pilot Point	22.73	66	P	P	07 24 45.6	+1.6
A19K	Wainwright	22.80	32	P	P	07 24 45.0	+0.5
L18K	Granite Moun	22.81	53	P	P	07 24 45.1	+1.4
L18K	Granite Moun	22.81	53	P	P	07 24 45.6	+0.9
J18K	Innoko River	22.84	50	P	P	07 24 46.3	+1.2
J18K	Innoko River	22.84	50	P	P	07 24 45.8	+0.7
MDJ	Mudanjiang	22.84	258	P	P	07 24 46.3	+1.0
MDJ	comp=Z,26nm,0.8s				pmax		
MDJ	Mudanjiang	22.84	258	P	P	07 24 47.1	+1.8
C19K	Lookout Ridge	22.86	35	P	P	07 24 46.0	+0.6
C19K	Lookout Ridge	22.86	35	P	P	07 24 45.9	+0.6

F19K	Shalerucik Mo	22.88	41	P	Iamb	07 24 46.0	+0.6
F19K	comp=Z,34nm,0.8s				Iamb		
F19K	Shalerucik Mo	22.88	41	P	P	07 24 46.7	+1.2
GCSA	Galena City Sc	22.89	47	P	P	07 24 46.5	+1.0
JSD	Sado	22.91	234	P	P	07 24 45.3	-0.8
JSD	comp=Z,79nm,0.9s				Iamb		
JSD	Sado	22.91	234	P	P	07 24 47.6	+1.6
G19K	Purcell Moun	23.01	43	P	P	07 24 47.8	+1.0
G19K	comp=Z,34nm,0.9s				Iamb		
G19K	Purcell Moun	23.01	43	P	P	07 24 48.3	+1.5
Q16K	King Salmon	23.05	63	P	P	07 24 48.5	+1.3
P17K	Kvichak River	23.09	61	P	P	07 24 49.3	+1.7
H19K	Roundabout Mou	23.17	45	P	P	07 24 49.4	+1.0
H19K	comp=Z,71nm,0.9s				Iamb		
H19K	Roundabout Mou	23.17	45	P	P	07 24 49.3	+0.9
D19K	Kuna River	23.18	37	P	P	07 24 48.9	+0.4
D19K	comp=Z,46nm,1.1s				Iamb		
D19K	Kuna River	23.18	37	P	P	07 24 49.1	+0.6
M18K	Stony River	23.23	55	P	P	07 24 50.1	+1.2
E19K	Kilae Creek	23.23	40	P	P	07 24 50.1	+1.1
E19K	Kilae Creek	23.23	40	P	P	07 24 51.5	
E19K	comp=Z,54nm,1.1s				Iamb		
E19K	Redstone River	23.23	40	P	P	07 24 49.8	+0.8
N18K	Kilae Creek	23.23	57	P	P	07 24 50.3	+1.2
N18K	Kilae Creek	23.23	57	P	P	07 24 50.4	+1.2
J19K	Poorman	23.36	49	P	P	07 24 50.5	+0.2
J19K	comp=Z,266,SNR=12				pmax		
R17L	Mt. Peulik Vol	23.37	65	P	P	07 24 51.2	+0.8
BNX	BinXian	23.44	262	iP	P	07 24 48.8	-2.4
BNX	comp=Z,50nm,0.9s				pmax		
Q17K	Contact Creek	23.51	63	P	P	07 24 53.6	+1.8
O18K	Kokuh Hills	23.64	59	P	P	07 24 54.6	+1.5
L19K	White Mountain	23.67	54	P	P	07 24 54.6	+1.3
P18K	Big Mountain	23.68	61	P	P	07 24 54.4	+1.0
F20K	Avaraart Lake	23.71	41	P	P	07 24 54.2	+0.7
F20K	Avaraart Lake	23.71	41	P	P	07 24 53.9	+0.3
D20K	Etiwuk River	23.77	37	P	P	07 24 55.3	+1.1
E20K	Nigu River	23.80	38	P	P	07 24 55.2	+0.7
H20K	Antoleneega Mo	23.81	45	P	P	07 24 55.7	+1.2
M19K	Big River Lodg	23.89	54	P	P	07 24 56.8	+1.5
M19K	comp=Z,32nm,1.0s				Iamb		
M19K	Big River Lodg	23.89	54	P	P	07 24 56.5	+1.2
Q18K	Katmai Hardscr	23.90	62	P	P	07 24 56.4	+0.8
N19K	Bonanza Creek	23.91	57	P	P	07 24 56.8	+1.2
N19K	comp=Z,29nm,0.8s				Iamb		
N19K	Bonanza Creek	23.91	57	P	P	07 24 56.5	+0.9
I20K	Naagdenedeel	23.92	47	P	P	07 24 56.6	+1.2
B20K	Meade River	23.97	34	P	P	07 24 56.7	+0.7
B20K	comp=Z,65nm,0.8s				Iamb		
B20K	Meade River	23.97	34	P	P	07 24 57.1	+1.2
J20K	Nowinta River	24.02	49	P	P	07 24 57.1	+0.6
J20K	comp=Z,69nm,0.9s				Iamb		
J20K	Nowinta River	24.02	49	P	P	07 24 57.8	+1.3
K20K	Telida	24.03	51	P	P	07 24 57.9	+1.4
K20K	comp=Z,49nm,0.9s				Iamb		
K20K	Telida	24.03	51	P	P	07 24 57.6	+1.0
O19K	Port Alsworth	24.05	58	P	P	07 24 58.1	+1.4
L20K	Farewell, AK	24					

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZA Taraz, ZAAO Zalesovo Arr, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, TORD Torodi Ar. Bea, ESCD Sonseca Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSR5 Korea Array, MJAR Matsushiro Arr, USRK Ussuriysk Arr, etc.

ADC 28 07:39:08.2:15.0,26:14S-67:56E,h0km,mb3.8/4, mbtm3.8/4, Error ellipse: s-maj=423.5km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H0S1 Diego Garcia H, H0S2 Diego Garcia H, etc.

ADC 28 07:50:40.6:0.7,0:25S,120:24E,h0km,mb4.0/13, mbmp4.0/14,ML4.0/1,MS3.6/1, Error ellipse: s-maj=31.6km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MPSI Mapaga, TOLIT Tolitoli, APSI Ampana, etc.

ADC 28 08:03:20.5:16.0,16:85N-176:71W,h535km,27km, mb3.2/4,mbtm4.1/5, Error ellipse: s-maj=291.2km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, URZ Urewa Arr, STKA Stephens Creek, etc.

ADC 28 07:44:16.2:1.4,59:34S:24:33W,h0km,mb3.8/5, mbmp3.9/6,ML4.3/1, Error ellipse: s-maj=41.5km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

ADC 28 07:50:42.0:0.5,0:24S:0:05,120:0E:0:1,h10km,n39, c19:41/1,mb4.1/20,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WR0 Warrungarra Arr, WR1 Warrungarra Arr, PHRA Phrae, etc.

ADC 28 08:02:23.9:0.9,0:13S,120:24E,h0km,mb3.7/8, mbtm3.7/9,ML3.5/1, Error ellipse: s-maj=44.1km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSR5 Korea Array, MJAR Matsushiro Arr, USRK Ussuriysk Arr, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like Ulanbaatar, Songino Array, and various other locations.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like KURK, PETK, BRLS, and various other locations.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like MBAR, Mbarara, and various other locations.

28d 10h

2018 SEP

1792

Table with columns for station name, coordinates, elevation, and various signal quality metrics (SNR, Azimuth, Elevation, etc.). The table is organized into two main columns of data, with station names and coordinates on the left and signal metrics on the right.

28d 10h

Table with columns for station ID, name, coordinates, and various data points. Includes stations like M14K, VORR, O14K, L16K, etc.

2018 SEP

Table with columns for station ID, name, coordinates, and various data points. Includes stations like CHGN, E17K, L16K, G17K, etc.

1794

Table with columns for station ID, name, coordinates, and various data points. Includes stations like PLK4, P17K, K17K, etc.

28d 10h

Table with columns for station ID, name, time, and various numerical values. Includes stations like KNK, SML, PWL, F24K, etc.

2018 SEP

Table with columns for station ID, name, time, and various numerical values. Includes stations like ARAO, ARCES, LEPH, G25K, etc.

1796

Table with columns for station ID, name, time, and various numerical values. Includes stations like KTK1, JMB, G26K, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like HVD, KBS, K27K, L27K, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like PAIG, H29M, G29M, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like HYT, H31M, M31M, etc.

28d 10e

Table with columns: MORF, Marnele, 120.00, 314, ePdf, Pdif, 10 18 04.6, +6.9, etc. Includes rows for MORF, 113A, PFVI, HME, AVE, K22A, PIX, WUAZ, O20A, RSSD, MDND, ULM, E28A, N23A, M3VC, X18A, TUC, TUC, TUC, ISCO, ISCO, AGMN, S22A, SRIG, BRIGG, HSIG, SDCO, SUSD, OGNE, DBIC, F33A, ANMO, ANMO, Y22D, Y22D, 121A, 121A, KSCO, EYMN, ECSD, EYMN, EPT, E38A, SLBS, SPMN, L34A, CBKS, I37A, PMPST, PMPST, PMPST, PMPST, G009, COWI, M3TX, G40A, R32A, PMAR, AMTX, FUL, FUL, PMOZ, PMOZ, P35A, N35A, F42A, H40A, HPIG, KSU1, ALPN, OK038, TXAR, E46A, H42A, PMOZ, JFWS, L40A, APMT, SGCV, WMOK, P38A, T35A.

2018 SEP

Table with columns: OK048, Pawnee Station, 130.41, 39, IAMS_20, IAMS_20, 11 18 52.5, etc. Includes rows for OK051, OK021, I45A, GLMI, L42A, K43A, BART, L42A, K43A, BART, OK052, OK031, PGRON, PGRON, PCALD, PCALD, CMLA, CMLA, PSET, PSET, PDA, PDA, PSMN, PSMN, PSMN, PSMN, P40A, P40A, PAGU, PAGU, PSCM, PSCM, PSBA, PSBA, L44A, L44A, L44A, L44A, ADH, ADH, TUL3, TUL3, PGRA, PGRA, HQIL, HQIL, RLO, RLO, S39A, S39A, JCT, JCT, J47A, J47A, PMAN, PMAN, ROSA, ROSA, R40A, R40A, HDIL, HDIL, R40A, R40A, U30A, U30A, PID, PID, I49A, I49A, Z35A, Z35A, PPN0, PPN0, PICNO, PICNO, PICNO, PICNO, PCAN, PCAN, PCED, PCED, L46A, L46A, CALA, CALA, HOR, HOR, P43A, P43A, WHTY, WHTY, DCM, DCM, L48A, L48A, AAM, AAM, K50A, K50A, SFIN, SFIN, R33A, R33A, 435B, 435B, 435B, 435B, N47A, N47A, Z38A, Z38A, P46A, P46A, MIAR, MIAR, LONY, LONY, N49A, N49A, F64A, F64A, S44A, S44A, M50A, M50A, O48B, O48B, O48B, O48B, J55A, J55A, O49A, O49A, M52A, M52A, ERPA, ERPA, NCB, NCB, VTI, VTI, KVTX, KVTX, N51A, N51A, H62A, H62A, P49A, P49A, LBNH, LBNH, Z41A, Z41A.

1800

Table with columns: WVW, Waterville, 135.09, 10, IAMS_20, IAMS_20, 11 34 41.5, etc. Includes rows for ACOS, ACOS, WCI, WCI, K57A, K57A, HNH, HNH, I63A, I63A, I62A, I62A, L56A, L56A, N53A, N53A, O52A, O52A, J61A, J61A, R49A, R49A, T47A, T47A, BINY, BINY, Q51A, Q51A, WVT, WVT, R50A, R50A, L59A, L59A, O54A, O54A, M57A, M57A, 441A, 441A, P53A, P53A, Q52A, Q52A, L61B, L61B, L61B, L61B, Y45A, Y45A, SSPA, SSPA, HRV, HRV, HRV, HRV, U49A, U49A, V48A, V48A, MCWV, MCWV, T50A, T50A, WES, WES, N58A, N58A, BCX, BCX, S51A, S51A, Q54A, Q54A, VBMS, VBMS, L64A, L64A, M63A, M63A, X48A, X48A, P57A, P57A, N62A, N62A, M65A, M65A, M65A, M65A, S54A, S54A, R55A, R55A, PLCA, PLCA, PLCA, PLCA, Y49A, Y49A, P61A, P61A, U54A, U54A, BLA, BLA, LRAL, LRAL, W52A, W52A, S57A, S57A, V53A, V53A, CBN, CBN, R58B, R58B, T57A, T57A, R61A, R61A, Y52A, Y52A, 250A, 250A, BRAL, BRAL, KMSC, KMSC, T59A, T59A, S61A, S61A, 152A, 152A, W57A, W57A, W58A, W58A, 352A, 352A, SACV, SACV, 451A, 451A, Y57A, Y57A, X58A, X58A, V61A, V61A, Y58A, Y58A, TIGA, TIGA, NHSC, NHSC.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like 553A Crawfordville, 560A Bolivia, 257A Skidaway Island, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like KBN Korca, KBN Korca, OHR Ohrid, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like STKI Sintang, DBNI Kabupaten Domp, EDFI Ende, etc.

SKO 28 10:10:52.0, 40'65"N, 21'51"E, h18km, ML2.5
THE 28 10:10:52.7, 40'67"N, 21'50"E, h12km, 1km, ML2.7/6, Error ellipse: s-maj=1.5km s-min=0.6km az=282.0

IDC 28 10:14:16.2±0.4, 0'07"S, 119°91'E, h0km, mb5.3/37, mbtmp5.2/38, ML4.8/1, Error ellipse: s-maj=16.5km s-min=10.4km az=80.0

SGI 28 10:14:21.0±0.3, 0'N, 2°12'0"E, h14km, 2km, Mg, 4/40, mb7.9/2, mb5.8/40, ML6.5/18, M(w)B(8.1/2), Mw/MwB(6.3/3), Mwmp/0/3

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like FNA Florina, FNA Florina, FNA Florina, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like Code Station Name, Az, El, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like Code Station Name, Az, El, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, I, S, C.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, I, S, C. Includes stations like GIRL Giralia, NAYO Nakonayok, TPUB Ta-pu, etc.

1805

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like SGDS Sogindya, CHGR Chuyangaron, MLZ Mavora Lakes, etc.

2018 SEP

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like GURO, PYA1 Pyatigorsk, KMBO Klimba Mbogo, etc.

28d 10h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

28d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like North Tongarir, Te Maari, East Tongarir, West Tongarir, etc.

IDC 28 10:24:38.0-0.9, 0.58S; 119.98E, h0km, mb4.3/14, mbmp4.3/14, Error ellipse: s-maj=31.7km s-min=17.6km az=77.0

NEIC 28 10:24:45.6-0.9, 0.35S; 0.05x120.73E:0.07, h1(0km), 1km, mb4.6/8, Error ellipse: s-maj=14.1km s-min=6.6km az=232.0

ISC 28 10:24:44.5-0.7, 0.34S; 0.06x120.8E:0.1, h1(0km), n37, r=139/30, mb4.4/18, Minahasna Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TOLIJ Tolitoli, LUWI Luwuk, KAPI Kappang, etc.

IDC 28 10:25:00.4-0.4, 1.11S; 119.97E, h0km, mb5.3/30, mbmp5.2/31, ML4.4/1, Error ellipse: s-maj=19.3km s-min=10.4km az=78.0

MOS 28 10:25:01.3-0.9, 0.97S; 119.98E, h0km, mb5.9/76, Error ellipse: s-maj=9.7km s-min=4.9km az=111.9

BUI 28 10:25:03.0-0.0, 1.00S; 119.90E, h0km, mb5.6/71, NEIC 28 10:25:04.7-2.6, 1.05S; 0.05x119.94E:0.05, h1(0km), 1km, mb5.9/153, Error ellipse: s-maj=9.1km s-min=8.3km az=349.0

DJA 28 10:25:05.2-0.2, 1.51S; 121.05E, h14km, 1km, Mb, 1/71, mb37.4/33, mb5.7/71, MLV6.2/21, Mw(MB) 7.4/3, Mw(Mw) 6.1/1, MwP 7.6/1

PPT 28 10:25:05.8-0.1, 0.95S; 119.91E, h0km, mb5.7/47, MLV6.2/5, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 28 10:25:04.8-0.6, 1.04S; 0.04x119.92E:0.04, h18km, 2km, h19km; p-P, n800, r=151/823, mb5.7/212, MS6.4/3, 50C-19D, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MPSI Mapaga, APSI Apapa, etc.

2018 SEP

Table with columns: TOLIJ Tolitoli, MRSI Marisa, PMSI Majene, etc. Lists stations and their coordinates and times.

1806

Table with columns: KULM Kulim, GENI Genyem, PSACI Pilbara Seismi, etc. Lists stations and their coordinates and times.

28d 10h

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like AAK Ala-Archa, AAK comp-Z,62nm,1.1s, AAK Ala-Archa, etc.

2018 SEP

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like BRVK comp-Z,127nm,1.3s, ABTO Aybut, ABTO SNR=12, etc.

1808

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like SIM Keskin Array S, BR104 Keskin Array S, CSS Mathias, etc.

Table with columns: YNG, JMM, JMM, Young Marumori, 42.71 144 P P, 10 47 00.9 +0.6, 10 47 01.3 -0.7, 10 47 04.3

Table with columns: CHGR, CHGR, CHGR, Chuyangaron, 60.84 316 P P, 10 49 14.9 -0.7, 10 49 14.9 -0.7

Table with columns: SIM, SIM, SIM, Simferopol', 87.54 315 eP P, 10 51 48.2 -2.8, 11 02 29.4 -1.8

IDC 28 10:47:41.2±0.6, 0.62S; 119:89E, h0km, mb4.4/17, mbmp4.4/17, Error ellipse: s-maj=25.6km s-min=12.7km az=71.0

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SS1B Suanglung, AS31 Alice Springs, YHNB Yeheng, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like APSI Ampama, TOLIZ Toilitoi, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KNRA Kununura, MNAI Manna, UB5I University, etc.

Bottom section containing various technical notes, dates, and additional call sign information.

ASUD Madha 12.75 134 S P Sn 11 20 52.9 -5.5
MDH Madha 12.75 134 S P Pn 11 20 38.4 +1.4
MDH Madha 12.75 134 S P Sn 11 20 54.6 -4.4
MDH Madha 12.75 134 S P Sn 11 20 54.6 -4.4

ASAR Alice Springs 20.76 165 P P 11 17 52.3 -1.1
MKAR Makanchi Array 64.41 327 P P 11 24 23.7 +35
WRA Warramunga Arr 23.46 144 P P 11 21 54.3 +0.1
ASAR Alice Springs 26.25 150 P P 11 22 21.6 +1.9

WRA Warramunga Arr 23.02 154 P P 11 22 22.8 +1.9
ASAR Alice Springs 26.18 158 P P 11 22 48.8 -1.8
STKA Stephens Creek 36.57 154 P P 11 24 22.1 +0.2
MKAR Makanchi Array 58.40 328 P P 11 27 12.6 +1.0
ZALV Zalesovo Beam 61.97 335 P P 11 27 34.6 -1.3

WRA Warramunga Arr 23.27 145 P P 11 24 47.3 +1.0
ASAR Alice Springs 26.06 151 P P 11 25 11.6 -0.6
CMAR Chiang Mai Arr 28.57 314 P P 11 25 35.4 +0.6
SONM Songino Array 50.19 348 P P 11 28 34.1 -0.4
MKAR Makanchi Array 58.13 330 P P 11 29 31.9 -0.4
BVAR Borovoye Array 68.02 330 P P 11 30 38.0 +0.2

WRA Warramunga Arr 21.93 149 P P 11 28 08.1 -0.5
ASAR Alice Springs 24.93 155 P P 11 28 38.8 +0.4
MKAR Makanchi Array 59.38 329 P P 11 33 17.4 -0.1
TEH 28 11:25:35.9, 34:64N:46:24E, h6km, 26km, ML3.7
ISN 28 11:25:40.8, 2.1, 34:63N:45:96E, h25km, ML3.6

ASUD Madha 12.75 134 S P Sn 11 20 52.9 -5.5
MDH Madha 12.75 134 S P Pn 11 20 38.4 +1.4
MDH Madha 12.75 134 S P Sn 11 20 54.6 -4.4
MDH Madha 12.75 134 S P Sn 11 20 54.6 -4.4

ASAR Alice Springs 26.18 158 P P 11 22 48.8 -1.8
STKA Stephens Creek 36.57 154 P P 11 24 22.1 +0.2
MKAR Makanchi Array 58.40 328 P P 11 27 12.6 +1.0
ZALV Zalesovo Beam 61.97 335 P P 11 27 34.6 -1.3
WRA Warramunga Arr 23.27 145 P P 11 24 47.3 +1.0

WRA Warramunga Arr 21.93 149 P P 11 28 08.1 -0.5
ASAR Alice Springs 24.93 155 P P 11 28 38.8 +0.4
MKAR Makanchi Array 59.38 329 P P 11 33 17.4 -0.1
TEH 28 11:25:35.9, 34:64N:46:24E, h6km, 26km, ML3.7
ISN 28 11:25:40.8, 2.1, 34:63N:45:96E, h25km, ML3.6

WEL 28 11:30:01.9, 0.8, 33°S 14°18'E, h366km, 17km,
M4,0/7, mB4,5/7, ML4,3/1, Mw(B)3.7/7, Error ellipse:
s-maj=0.0km s-min=0.0km az=115.8, South of
Kermadec Islands
Code Station Name Az AzZ Phase ID Time Res

PUZ Puketiti 5.44 191 P S Pn 11 31 27.9 +1.0
PUZ Puketiti 5.44 191 P S Pn 11 32 38.2 +2.3
PRWZ Pori Road 8.34 199 P S P 11 32 02.4 +0.4
PRWZ Pori Road 8.34 199 P S P 11 33 38.7 +1.9

HEL 28 11:30:57.0, 1.6, 63:98N:28:13E, h0km, ML1.5,
Suspected explosion, Finland
Code Station Name Az AzZ Phase ID Time Res
NIF Nilsia 0.61 194 Op Pn 11 31 16.2 -1.0
NIF Nilsia 0.61 194 Op Pn 11 31 16.2 -1.0

WEL 28 11:30:01.9, 0.8, 33°S 14°18'E, h366km, 17km,
M4,0/7, mB4,5/7, ML4,3/1, Mw(B)3.7/7, Error ellipse:
s-maj=0.0km s-min=0.0km az=115.8, South of
Kermadec Islands
Code Station Name Az AzZ Phase ID Time Res

CRAI Chiangrai 15.97 16 Pn Pn 11 35 37.6 +2.1
SBUM Sibiu 16.58 98 Pn Pn 11 35 44.3 +0.8
COCO Wadai Island 16.92 176 Pn Pn 11 35 45.7 +2.0

28d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMSI Cibinong, SSSL Suanglung, SANI Sanana, etc.

IDC 28 11:36:24.0+0.8, 0.42S: 119.99E, h0km, mb4.2/14, mbmp4.2/15, ML4.0/1, Error ellipse: s-maj=28.9km s-min=15.5km az=73.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MPSI Mapaga, TOLITL Tolitoli, MRSI Marisa, etc.

IDC 28 11:36:28.0+0.7, 0.5S: 121.0E, h10km, M4.4/6, MLV4.4/6, FITZ Fitzroy Crossi, Error ellipse: s-maj=11.4km s-min=5.4km az=151.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MPSI Mapaga, TOLITL Tolitoli, MRSI Marisa, etc.

IDC 28 11:39:09.0+0.7, 0.43S: 120.30E, h0km, mb4.1/12, mbmp4.2/13, ML4.8/1, Error ellipse: s-maj=36.4km s-min=13.3km az=69.0

2018 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MPSI Mapaga, TOLITL Tolitoli, MRSI Marisa, etc.

DJA 28 11:42:42.9+0.4, 1.1S: 3.119E, h10km, M4.8/11, mb4.9/6, MLV4.8/11, IDC 28 11:42:45.1+0.7, 1.08S: 120.24E, h0km, mb4.1/13, mbmp4.1/14, ML4.5/1, Error ellipse: s-maj=36.3km s-min=13.1km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MPSI Mapaga, TOLITL Tolitoli, MRSI Marisa, etc.

1820

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR comp=2.1,6m,0.6s,baz=342,slow=14,SNR=18, CMAR Chiang Mai Arr, etc.

IDC 28 11:43:50.9+1.4, 0.33S: 119.72E, h0km, mb4.0/10, mbmp4.0/10, Error ellipse: s-maj=41.6km s-min=25.0km az=58.0

NEIC 28 11:43:52.4+2.1, 0.25S: 0.1x119.55E:0.09, h10km,2km, mb4.3/5, Error ellipse: s-maj=20.6km s-min=10.9km az=143.0

IDC 28 11:43:52.3+0.9, 0.3S: 0.1x119.60E:0.10, h10km, n18, c1918/18, mb4.2/13, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOLITL Tolitoli, BKB Balikpapan, MYLDM Lahad Datu, etc.

IDC 28 11:50:32.9+1.8, 2.63N: 123.03E, h0km, mb3.9/3, mbmp3.9/3, Error ellipse: s-maj=300.5km s-min=27.8km az=63.0

DJA 28 11:50:39.8+1.8, 1.1N: 14.12E:0.12, h10km, M3.8/3, MLV3.8/3, IDC 28 11:50:35.2+3.6, 1.1N: 0.4x120.3E:0.4, h10km, n4, c064/5, mb3.9/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MPSI Mapaga, APSI Ampana, MRSI Marisa, etc.

DJA 28 12:01:31.5+1.3, 1.1N: 9.12E:0.11, h10km, M4.0/6, MLV4.0/6, IDC 28 12:01:32.7+1.1, 0.24N: 120.15E, h0km, mb3.5/6, mbmp3.6/7, ML3.8/1, Error ellipse: s-maj=43.8km s-min=19.0km az=65.0

IDC 28 12:01:34.4+0.8, 0.14N: 0.07x120.04E:0.08, h10km, n14, c1918/14, mb3.8/7, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MPSI Mapaga, APSI Ampana, MRSI Marisa, etc.

28d 12h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SPUR Mount Spurr, QSPA South Pole Qui, SKT Skwentina, etc.

KRSC 28 12:31:19.6:0.7, 52.57N:159.22E, h57km, 10km, M4.3
MOS 28 12:31:19.8:1.1, 52.57N:159.16E, h59km, 13km, 4/3, Error ellipse: s-maj=11.5km s-min=5.9km az=89.1
IDC 28 12:31:23.3:1.4, 52.82N:158.85E, h80km, 13km, mb3.5/8, mbtmp3.9/9, Error ellipse: s-maj=31.5km s-min=16.2km az=145.0

NEIC 28 12:31:23.8:1.1, 52.92N:0.1:158.86E:0.10, h30km, 7km, mb4.3/59, Error ellipse: s-maj=17.5km s-min=8.0km az=151.0

ISC 28 12:31:20.8:0.7, 52.52N:0.03:159.23E:0.04, h56km, 7km, n143, c089/157, mb2.3/38, Off east coast of Kamchatka Peninsula

Main station list table for 28d 12h, including stations like DALK Dainy, NLC Nalytchevo, INSR Institute, etc.

2018 SEP

Main station list table for 2018 SEP, including stations like M16K Timber Creek, H17K Granite Mountain, G18K Nushagak Hills, etc.

1824

Main station list table for 1824, including stations like NEIC 28 12:32:43.6:1.7, TRN 28 12:32:43.5, ISC 28 12:32:44.2, Leeward Islands, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like BCIP Isla Barro Col, TBGT Tabatinga, NPGS Novo Progresso, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like S51A, O54A, Q52A, LBNH, L56A, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like CCM Cathedral Cave, MIAR Mount Ida, GO01 Aquidauana, etc.

28d 12h

Table with columns for station code, name, elevation, coordinates, and other parameters. Includes stations like KHC Kasperke Hory, GEC2 GERESS Array S, etc.

2018 SEP

Table with columns for station code, name, elevation, coordinates, and other parameters. Includes stations like M30M Minto, Yukon, N30M Aishkik Lake, etc.

1828

Table with columns for station code, name, elevation, coordinates, and other parameters. Includes stations like CTGM Chitina Glacie, CTG Chitina Glacie, PSZ Piszkesteto, etc.

PRP	Porcupine Dome	74.35	334	P	P	12 44 17.5	-0.1
BERU	Beregov	74.36	44	P	P	12 44 17.6	-0.1
MUKU	Mukachevo	74.36	43	P	P	12 44 18.1	+0.3
PAX	Paxson	74.43	332	P	P	12 44 18.3	+0.3
H25L	Birch Creek	74.45	335	P	P	12 44 18.7	+0.8
MEF	Metsahovi	74.50	31	eP	P	12 44 19.3	+1.0
VSYD	Vaisvydziai	74.53	35	eP	P	12 44 19.3	+0.7
K24K	Donnelly Dome	74.53	333	P	P	12 44 19.0	+0.4
DRGR	74.53	45	iP	P	12 44 18.8	-0.1	
DRGR	74.53	45	P	P	12 44 19.0	+0.1	
G25K	Bearman Lake	74.55	336	P	P	12 44 19.2	+0.7
D25K	Kavik River	74.56	338	P	P	12 44 18.6	0.0
D25K	74.56	338	P	P	12 44 18.6	0.0	
D25K	74.56	338	P	P	12 44 18.8	+0.2	
PABE	Paberze	74.58	36	eP	P	12 44 19.5	+0.6
ARAO	ARCESS Array S	74.58	21	P	P	12 44 19.1	+0.4
ARCES	ARCESS Array B	74.58	21	P	P	12 44 18.3	-0.4
ARCES	ARCESS Array B	74.58	21	P	P	12 44 18.1	-0.6
ARCES	ARCESS Array B	74.58	21	P	P	12 44 18.1	-0.6
ARCES	ARCESS Array B	74.58	21	P	P	12 44 18.3	-0.4
ARCES	ARCESS Array B	74.58	21	P	P	12 44 18.3	-0.4
BRIU	Brid	74.59	43	P	P	12 44 20.1	+1.0
DJES	Djerpad	74.62	47	iP	P	12 44 20.0	+0.7
KEF	Keuruu	74.63	29	eP	P	12 44 19.9	+0.8
KORU	Korolevo	74.69	44	P	P	12 44 20.4	+0.7
EYAK	Cordova Ski Ar	74.69	329	P	P	12 44 20.0	+0.5
KLU	Klutina	74.72	330	P	P	12 44 20.5	+0.8
KLU	74.72	330	P	P	12 44 21.8		
KLU	Klutina	74.72	330	P	P	12 44 20.5	+0.8
GZR	Gura Zlata	74.72	46	iP	P	12 44 20.5	+0.5
DEV	Deva	74.76	46	iP	P	12 44 20.8	+0.7
DEV	Deva	74.76	46	iP	P	12 44 20.8	+0.7
M24K	Tolsona, Glenn	74.80	331	P	P	12 44 20.7	+0.5
MARR	Marisol-Cluj	74.83	45	iP	P	12 44 21.0	+0.3
MEZ	Mezhor'ye	74.90	43	P	P	12 44 21.6	+0.6
OUL	Oulu	74.92	26	P	P	12 44 20.8	+0.1
OUL	74.92	26	P	P	12 44 20.8	+0.1	
IL31	74.96	334	I	Amb	I	12 44 21.8	
ILAR	74.96	334	P	P	12 44 20.4	-0.6	
HDA	Harding Lake	75.01	333	P	P	12 44 21.6	+0.4
HDA	Harding Lake	75.01	333	P	P	12 44 21.0	-0.2
VAY	Valandovo	75.03	51	iP	P	12 44 22.2	+0.4
MORS	Morshin	75.09	43	P	P	12 44 22.1	+0.1
G24K	Hadweenicz Riv	75.09	336	P	P	12 44 22.2	+0.5
KEV	Kevo	75.10	21	P	P	12 44 22.1	+0.5
KEV	Kevo	75.10	21	P	P	12 44 23.7	
KEV	Kevo	75.10	21	P	P	12 44 22.1	+0.5
KEV	Kevo	75.10	21	P	P	12 44 22.1	+0.5
SRE	Strehaia	75.10	47	iP	P	12 44 23.2	+1.0
SRE	Strehaia	75.10	47	iP	P	12 44 23.2	+1.0
LIT	Litohoron	75.12	52	P	P	12 44 21.9	-0.5
LIT	Litohoron	75.12	52	P	P	12 44 21.9	-0.5
AGG	Agios Georgios	75.14	53	P	P	12 44 21.6	-0.9
AGG	Agios Georgios	75.14	53	P	P	12 44 21.6	-0.9
AGG	Agios Georgios	75.14	53	P	P	12 44 21.6	-0.9
CJR	Cluj-Napoca	75.15	45	iP	P	12 44 23.2	+0.7
CJR	Cluj-Napoca	75.15	45	P	P	12 44 24.0	+1.5
POKR	Poker Plat Res	75.17	334	P	P	12 44 22.6	+0.4
POKR	Poker Plat Res	75.17	334	P	P	12 44 22.9	+0.7
F24K	Squaw Lake	75.20	337	P	P	12 44 23.0	+0.6
F24K	Squaw Lake	75.20	337	P	P	12 44 23.1	+0.6
FINES	FINESS Array B	75.25	30	P	P	12 44 22.6	0.0
FINES	FINESS Array B	75.25	30	P	P	12 44 22.3	-0.3
FINES	FINESS Array B	75.25	30	P	P	12 44 22.6	0.0
FINES	FINESS Array B	75.25	30	P	P	12 44 22.3	-0.3
FINES	FINESS Array B	75.25	30	P	P	12 44 22.6	0.0
FIA1	FINESS Array S	75.25	30	P	P	12 44 23.0	+0.4
DHY	Denali Highway	75.29	332	P	P	12 44 23.1	0.0
DHY	Denali Highway	75.29	332	P	P	12 44 23.1	0.0
H24K	Noodor Dome	75.31	335	P	P	12 44 23.1	+0.1
GLI	Glacier Island	75.33	330	I	Amb	12 44 51.3	
GLI	Glacier Island	75.33	330	P	P	12 44 23.9	+0.7
ARB	Arbavere	75.36	32	eP	P	12 44 23.6	+0.3
C24K	Franklin Bluff	75.36	339	I	Amb	12 44 25.3	
C24K	Franklin Bluff	75.36	339	P	P	12 44 23.7	+0.5
SCM	Sheep Creek Mo	75.36	331	P	P	12 44 24.5	+1.1
COLA	College	75.37	334	P	P	12 44 23.3	+0.1
COLA	College	75.37	334	P	P	12 44 23.7	+0.5
COLA	College	75.37	334	iP	P	12 44 22.1	-1.1
COLA	College	75.37	334	P	P	12 44 22.1	-1.1
RAKU	Rahkiv	75.39	44	P	P	12 44 23.9	+0.1
E24K	Your Creek	75.40	337	P	P	12 44 23.9	+0.3
E24K	Your Creek	75.40	337	I	Amb	12 44 51.3	
E24K	Your Creek	75.40	337	P	P	12 44 23.8	+0.3
LOT	Lotru	75.41	46	iP	P	12 44 24.0	+0.0
D24K	Happy Valley	75.44	338	P	P	12 44 23.9	+0.2
WAT6	Susitna Watana	75.50	331	P	P	12 44 24.5	+0.3
STNU	Starnuna	75.53	43	P	P	12 44 24.8	+0.2
M23K	Glacier View	75.56	331	P	P	12 44 24.9	+0.4
ARCR	ARCALLIA	75.62	45	iP	P	12 44 25.1	0.0
TNR	Turnu Rosu	75.74	46	iP	P	12 44 25.9	+0.1
TNR	Turnu Rosu	75.74	46	iP	P	12 44 25.9	+0.1
MDB	Medias	75.75	46	iP	P	12 44 26.9	+1.0
MDB	Medias	75.75	46	iP	P	12 44 26.9	+1.0
TOLK	Toolik Lake Re	75.75	338	P	P	12 44 26.4	+0.9
ISAL	Salakas	75.75	36	eP	P	12 44 28.0	+2.1
E23K	Chandalar	75.82	337	I	Amb	12 46 01.7	
E23K	Chandalar	75.82	337	P	P	12 44 26.4	+0.4
VSU	Vasula	75.84	33	iP	P	12 44 25.6	-0.4
VSU	Vasula	75.84	33	P	P	12 44 25.6	-0.4
SML	Sawmill	75.84	331	I	Amb	12 44 28.1	
SML	Sawmill	75.84	331	P	P	12 44 26.8	+0.6
WAT1	Susitna Watana	75.85	332	P	P	12 44 26.5	+0.4
IIGN	Ignalina	75.87	36	eP	P	12 44 29.7	+3.4
VADS	Vadso	75.88	21	P	P	12 44 26.7	+0.6
NEA2	Nenana	75.91	334	I	Amb	12 44 27.9	
NEA2	Nenana	75.91	334	P	P	12 44 26.4	0.0
RND	Reindeer	75.93	332	I	Amb	12 44 28.8	
PWL	Port Wells	75.94	330	I	Amb	12 44 28.5	
PWL	Port Wells	75.94	330	P	P	12 44 27.7	+1.1
MCK	McKinley	75.94	333	P	P	12 44 26.6	0.0
KNK	Knik Glacier	75.94	330	P	P	12 44 27.7	+1.0

baz=84	KSV	Kosov	75.95	43	P	P	12 44 26.1	-0.9
baz=84	I23K	Minto, Yukon-K	75.98	334	I	Amb	12 44 27.9	
baz=84	I23K	Minto, Yukon-K	75.98	334	P	P	12 44 27.1	+0.3
baz=84	H23K	Yukon River	76.00	335	I	Amb	12 44 29.2	
baz=84	H23K	Yukon River	76.00	335	P	P	12 44 27.5	+0.6
baz=84	C23K	Iktilik River	76.02	339	I	Amb	12 44 28.7	
baz=84	C23K	Iktilik River	76.02	339	P	P	12 44 27.4	+0.6
baz=84	ARR	Arges	76.03	46	iP	P	12 44 27.4	-0.1
baz=84	VLAD	Vladia	76.04	48	iP	P	12 44 28.8	+1.3
baz=84	PAIG	Paliouri	76.05	52	P	P	12 44 27.1	-0.6
baz=84	RNP88	Varash	76.10	40	P	P	12 44 28.0	+0.3
baz=84	G23K	Bananza Creek	76.10	336	P	P	12 44 28.1	+0.6
baz=84	G23K	Bananza Creek	76.10	336	P	P	12 44 28.2	+0.7
baz=84	RNP99	Sopachiv	76.12	40	P	P	12 44 27.8	0.0
baz=84	COLD	Coldfoot	76.12	336	P	P	12 44 28.0	+0.4
baz=84	COLD	Coldfoot	76.12	336	P	P	12 44 28.2	+0.7
baz=84	GHO	Glory Hole Cre	76.12	331	P	P	12 44 28.3	+0.5
baz=84	GHO	Glory Hole Cre	76.12	331	I	Amb	12 44 29.8	
baz=84	D23K	Nanushuk River	76.13	338	I	Amb	12 44 45.4	
baz=84	D23K	Nanushuk River	76.13	338	P	P	12 44 28.5	+1.0
baz=84	RNP55	Staryi Chortor	76.13	40	P	P	12 44 27.9	0.0
baz=84	BURAR	Bucovina Array	76.14	44	iP	P	12 44 28.8	+0.7
baz=84	BURAR	Bucovina Array	76.14	44	iP	P	12 44 29.4	+1.3
baz=84	PMR	Palmer	76.24	331	I	Amb	12 44 29.6	
baz=84	PMR	Palmer	76.24	331	P	P	12 44 29.3	+1.0
baz=84	VOIR	76.31	46	iP	P	12 44 29.1	0.0	
baz=84	VOIR	76.31	46	iP	P	12 44 29.1	0.0	
baz=84	VOIR	76.31	46	iP	P	12 44 28.7	-0.4	
baz=84	MTUR	Matau	76.34	46	iP	P	12 44 30.2	+0.9
baz=84	MTUR	Matau	76.34	46	iP	P	12 44 30.2	+0.9
baz=84	HUM	Humele	76.38	47	iP	P	12 44 30.3	+0.8
baz=84	DOPR	Dopca	76.47	46	iP	P	12 44 30.1	+0.1
baz=84	SEW	Sevoina	76.57	329	P	P	12 44 30.3	+0.1
baz=84	MLY	Manley	76.58	334	I	Amb	12 44 31.1	
baz=84	MLY	Manley	76.58	334	P	P	12 44 30.6	+0.4
baz=84	RC01	Rabbit Creek A	76.59	330	I	Amb	12 44 43.9	
baz=84	RC01	Rabbit Creek A	76.59	330	P	P	12 44 31.4	+1.1
baz=84	E22K	Anaktuvuk Pass	76.63	337	I	Amb	12 44 32.2	
baz=84	E22K	Anaktuvuk Pass	76.63	337	P	P	12 44 30.7	+0.2
baz=84	BOSR	Bosra	76.64	46	iP	P	12 44 31.8	+0.8
baz=84	O22K	Cooper Landing	76.66	329	P	P	12 44 30.8	+0.1
baz=84	G22K	Bettles	76.66	336	P	P	12 44 30.5	-0.1
baz=84	CUT	Chulitna	76.68	331	P	P	12 44 31.3	+0.5
baz=84	M22K	Willow	76.69	331	I	Amb	12 44 32.6	
baz=84	M22K	Willow	76.69	331	P	P	12 44 31.7	+0.9
baz=84	OZUR	76.73	46	iP	P	12 44 31.6	+0.2	
baz=84	HORU	Horodok	76.73	42	P	P	12 44 30.8	-0.6
baz=84	H22K	Ishatitna Cre	76.74	335	P	P	12 44 31.5	+0.4
baz=84	BPAW	Bear Paw Mtn.	76.80	333	I	Amb	12 44 32.3	
baz=84	BPAW	Bear Paw Mtn.	76.80	333	P	P	12 44 31.5	0.0
baz=84	KMPD	K-Podolskiy	76.84	43	P	P	12 44 30.9	-1.2
baz=84	KMPD	K-Podolskiy	76.84	43	P	P	12 44 30.3	-1.7
baz=84	F22K	John River	76.85	337	P	P	12 44 32.7	+1.0
baz=84	PRAR	Pravda	76.85	44	iP	P	12 44 32.2	+0.1
baz=84	D22K	Aiykyak River	76.86	338	P	P	12 44 32.9	+1.2
baz=84	TURR	Turia	76.89	46	iP	P	12 44 32.2	-0.2
baz=84	B22K	Teshekpuk Lake	76.91	34				

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MPMI, GTOI, BNSI, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TIXI, NRIK, GSPA, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SWI, FAKI, BBJI, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WMQ, MK31, MKAR, MAZK, KBL, ZAAO, ZALV, KURBB, KURK, PETK, MLZ, BVAR, ABKAR, TIXI, NRIK, ARTI, MAW, GNI, KMBO, BRTR, BR106, QSPA, QSPA, AK10, AKASG, ILAR, ARCES, CPUP.

IDC 28 13:14:56.1.1.6.1.39S:120:32E, h0km, mb3.8/4, mbmp3.8/5, ML3.3/1, Error ellipse: s-maj=58.9km s-min=25.0km az=69.0, Sulawesi

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

IDC 28 13:18:07.7.1.0.1.12S:120:42E, h0km, mb3.5/5, mbmp3.6/6, ML3.3/1, Error ellipse: s-maj=61.8km s-min=19.1km az=72.0, Sulawesi

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

IDC 28 13:23:40.9.0.9.0.51S:120:43E, h0km, mb3.8/7, mbmp3.9/8, ML3.7/1, Error ellipse: s-maj=57.8km s-min=16.4km az=70.0, Sulawesi

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MYLDM, FITZ, WBO, WRAB, WRA, WBE, WRO, ASAR, MORW, STKA, MAJO, SONMI, MK31, MKAR, KBL, ZALV, KURBB, BVAR, ABKAR, QSPA.

TRN 28 13:27:16.1, 15:06N-60:46W, h43km, MD4.0, North-east of Martinique, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ILAM, MVM, LPIM, MPOM, CXM, GBMF, FDF, PML, PCM, TRMF, BIM, SLBI, SLA, MAGL, SLAC, SLAC, SLB, TDBA, TBG, TBG, CBE, ABD, SSV, SSV, SVV, SVB, SVT, SVOC, BBGH, ANBD, MBWH, MBFL, MBFL, GCMG, ANSS, GRSS, GRHS, GRHS, GRW, SKOC, GRGR, GRGR, GRFF, GRFF, TRN.

DJA 28 13:28:48.3.0.5.1.4S:12:02E, h10km, M4.5/11, mb4.5/1, MLV4.5/11

IDC 28 13:28:49.3.0.7.1.26S:120:07E, h0km, mb4.0/11, mbmp4.0/12, ML3.9/1, Error ellipse: s-maj=31.6km s-min=12.1km az=75.0, Sulawesi

NEIC 28 13:28:51.7.2.4.1.7S:0:05E:120:01E, h10km, mb4.5/11, Error ellipse: s-maj=10.2km s-min=8.8km az=237.0, Sulawesi

IDC 28 13:28:50.8.0.5.1.21S:105:119.97E:0.06, h10km, n56, s117:56, mb4.2/19, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MPST, APSI, TOLII, MRSI, LUIW, BKB, BNSI, GTOI, KAPI, KAPI, KAPI, KAPI, KAPI, FITZ, WRO, WRAB.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WRAB, WRA, WBE, WRO, AS31, ASAR, CMAR, FORT, STKA, JMN, KSAR, MJAR, GTA, USRK, JKA, HEH, MK31, MKAR, KBL, ZALV, KURBB, KURK, YAK, BVAR, ABKAR, E18K, QSPA.

IDC 28 13:31:51.8.1.5.1.41S:120:70E, h0km, mb3.4/4, mbmp3.5/5, ML3.8/1, Error ellipse: s-maj=66.7km s-min=22.6km az=61.0, Sulawesi

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

IDC 28 13:32:55.8.1.0.1.32S:120:37E, h0km, mb3.7/7, mbmp3.8/8, ML3.8/1, Error ellipse: s-maj=53.2km s-min=17.0km az=69.0, Sulawesi

IDC 28 13:32:57.4.1.1.1.49S:0:08E:120:2E:0.3, h10km, n8, s151:9, mb3.8/7, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KAPI, WRA, ASAR, CMAR, SONMI, MKAR, ZALV, KURBB.

BUI 28 13:35:24.1.0.0.0.37S:119:87E, h5km, mb5.6/93, mb6.1/51, MS5.4/67, Ms7.5/2/64

IDC 28 13:35:27.4.0.4.0.0.2S:119:78E, h0km, mb5.4/28, mbmp5.4/28, ML5.1/1, MS5.2/28, Error ellipse: s-maj=19.5km s-min=10.4km az=67.0, Sulawesi

MOS 28 13:35:27.6.0.7.0.0.1S:119:69E, h12km, mb6.0/68, MS5.2/10, Error ellipse: s-maj=9.3km s-min=4.5km az=111.3, Sulawesi

DJA 28 13:35:30.8.0.2.0.0.1N:12:02E, h12km, mb5.8/100, mb6.1/56, mb5.6/100, MLV6.0/19, Mw(MB)5.8/56

NEIC 28 13:35:30.6.1.7.0.0.6N:0:06E:119:68E:0.05, h10km, mb5.7/134, MS.20.5.7/65, Error ellipse: s-maj=9.8km s-min=8.7km az=1.0, Sulawesi

PPT 28 13:35:31.0.0.1.0.0.3N:119:75E, h10km, mb5.6/66, MLV5.9/6, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MPST, TOLII, SGKI, APSI, MRSI, SKB, BKB, LUIW, GTOI.

PMSI	Majene	3.57	193	P	Pn	13 36 24.9	-0.6
KMSI	Cibinong	4.33	83	P	Pn	13 36 39.9	+4.0
BNSI	Bone	4.40	175	P	Pn	13 36 38.6	+1.7
MTKI	Muara Teweh, K	4.89	259	P	Pn	13 36 42.9	+0.8
KAPI	Kappang	4.99	179	P	Pn	13 36 46.1	+1.1
KAPI	Kappang	4.99	179	P	Pn	13 36 47.2	+2.2
KAPI	Kappang	4.99	179	P	Pn	13 36 45.2	+0.1
KAPI	81nm,0.3s,baz=294,slow=20,SNR=5.5				Sn	13 37 44.4	+2.2
KAPI	comp=Z,75um,18.4s,baz=344,slow=43,197nm,0.4s				LR	13 39 02.6	
KAPI	Kappang	4.99	179	P	Pn	13 36 46.2	+1.2
KAPI	Kappang	4.99	179	P	Pn	13 36 45.8	+0.6
MKS	Makassar	5.20	182	P	Pn	13 36 48.4	+0.5
MYLDM	Lahad Datu	5.28	347	P	Pn	13 36 50.4	+1.4
MYLDM	Lahad Datu	5.28	347	P	Pn	13 36 51.1	+2.1
MYLDM	Lahad Datu	5.28	347	P	Pn	13 36 50.2	+1.2
BKSI	Bulukumba	5.31	175	P	Pn	13 36 49.8	+0.3
BSSI	Bau Bau, Buton	6.16	173	P	Pn	13 37 01.7	+0.5
BSSI	Bau Bau	6.17	152	P	Pn	13 37 01.7	+0.4
SANI	Sanana	6.62	108	P	Pn	13 37 06.7	-0.7
SANI	Sanana	6.62	108	P	Pn	13 37 06.8	-0.7
TNTI	Ternate	7.71	84	Pn	Pn	13 37 23.4	+1.0
TNTI	Ternate	7.71	84	P	Pn	13 37 24.8	+2.3
TNTI	Ternate	7.71	84	P	Pn	13 37 26.6	+4.1
SBUM	Sibu	7.86	288	Pn	Pn	13 37 24.1	-0.4
SBUM	Sibu	7.86	288	Pn	Pn	13 37 24.8	+0.4
SBUM	Sibu	7.86	288	Pn	Pn	13 37 24.3	-0.1
NLAI	Namlea	8.07	114	P	Pn	13 37 29.0	+1.5
STKI	Sintang	8.21	270	P	Pn	13 37 29.8	+0.4
GAMI	Galela, Maluku	8.30	77	P	Pn	13 37 31.6	+1.1
DBNI	Kabupaten Domp	8.56	189	P	Pn	13 37 34.3	+0.1
EDFI	Ende, Flores	8.92	167	P	Pn	13 37 41.1	+1.9
MMRI	Maumere	8.95	164	Pn	Pn	13 37 39.9	+0.4
MMRI	Maumere	8.95	164	P	Pn	13 37 42.3	+2.8
MMRI	Maumere	8.95	164	P	Pn	13 37 39.9	+0.4
PLAI	Plampang	8.98	192	P	Pn	13 37 40.7	+0.8
PLAI	Plampang	8.98	192	P	Pn	13 37 40.2	+0.3
KLNI	Mataram	9.11	203	P	Pn	13 37 41.3	-0.3
SRBI	Singaraja	9.20	209	P	Pn	13 37 42.2	-0.6
AAI	Ambon	9.26	113	P	Pn	13 37 45.3	+1.6
KRAI	Karang Ratu	9.30	111	P	Pn	13 37 47.0	+2.7
ABJI	Asem Bagus	9.47	215	P	Pn	13 37 48.2	+1.6
KSM	Kuching	9.49	279	P	Pn	13 37 48.3	+1.3
WNSP	Waikabuang, Su	9.59	182	P	Pn	13 37 49.6	+1.3
DBSI	Denpasar	9.71	207	P	Pn	13 37 51.8	+1.9
BYJI	Banyuwangi	9.75	213	P	Pn	13 37 53.4	+3.0
MSAI	Masohi	9.81	110	P	Pn	13 37 54.5	+3.2
GRJI	Gresik	9.95	226	P	Pn	13 37 53.7	+0.5
JAGI	Jajag, Banyuw	10.07	213	P	Pn	13 37 54.9	+0.1
JAGI	Jajag, Banyuw	10.07	213	P	Pn	13 37 56.1	+1.3
JAGI	Jajag, Banyuw	10.07	213	P	Pn	13 37 55.0	+0.1
SOEI	Soe	10.71	155	Pn	Pn	13 38 07.2	+3.5
SOEI	Soe	10.71	155	P	Pn	13 38 05.2	+1.4
SOEI	Soe	10.71	155	P	Pn	13 38 07.9	+4.1
BATI	Baumata	10.89	159	P	Pn	13 38 09.8	+3.7
NAGI	Ngawi	11.00	228	P	Pn	13 38 11.0	+3.4
SJJI	Sawahan	11.03	226	P	Pn	13 38 09.7	+1.7
BNDI	Bandanaira	11.15	114	P	Pn	13 38 12.5	+2.9
BNDI	Bandanaira	11.15	114	P	Pn	13 38 11.9	+2.3
PWI	Pagerwojo	11.20	224	P	Pn	13 38 12.1	+1.8
SWJI	Sorong	11.60	94	P	Pn	13 38 16.8	+1.0
UGM	Wanagama	12.06	229	P	Pn	13 38 25.3	+3.2
UGM	Wanagama	12.06	229	P	Pn	13 38 24.3	+2.2
UGM	Wanagama	12.06	229	P	Pn	13 38 23.7	+1.6
CTJI	Waduk Cababan	12.59	236	P	Pn	13 38 28.9	-0.4
FAKI	Fak Fak	12.88	103	Pn	Pn	13 38 31.9	-1.5
FAKI	Fak Fak	12.88	103	P	Pn	13 38 35.1	+1.7
FAKI	Fak Fak	12.88	103	P	Pn	13 38 31.6	-1.8
LEM	Lembang	13.83	240	P	Pn	13 38 48.3	+1.9
BBJI	Bungbulang	14.12	238	P	Pn	13 38 51.9	+1.6
BBJI	Bungbulang	14.12	238	P	Pn	13 38 51.9	+1.6
KMPI	Kaimana, Papua	14.47	105	P	Pn	13 38 57.2	+2.1
CNJI	Cibinong	14.48	240	P	Pn	13 38 56.8	+1.5
SKJI	Sukabumi	14.84	242	P	Pn	13 39 01.9	+1.8
TPRI	Tanjung Pinang	15.99	273	P	Pn	13 39 04.9	+0.1
PMBI	Palembang	15.20	259	P	P	13 39 04.8	-0.1
PMBI	Palembang	15.20	259	P	P	13 39 02.8	-1.6
PMBI	Palembang	15.20	259	P	Pn	13 39 06.9	+2.0
MYKOM	Kota Tinggi	15.94	276	P	Pn	13 39 13.4	-1.1
MYKOM	Kota Tinggi	15.94	276	P	Pn	13 39 15.6	+1.1
MYKOM	Kota Tinggi	15.94	276	P	Pn	13 39 14.3	-0.2
BTDF	Bukit Timah Da	15.97	275	P	Pn	13 39 16.1	+1.1
BTDF	Bukit Timah Da	15.97	275	P	Pn	13 39 16.1	+1.1
KASI	Kota Agung	16.14	250	P	Pn	13 39 18.6	+1.5
LWLI	Liwa	16.39	252	P	P	13 39 23.7	+0.5
MTN	Manton Dam	17.08	139	P	Pn	13 39 28.4	-0.6
MTN	Manton Dam	17.08	139	P	Pn	13 39 29.5	+0.5
MTN	Manton Dam	17.08	139	P	P	13 39 30.6	-0.1
XMIS	Christmas Isla	17.42	233	IAmb	IAmb	13 39 31.4	-1.9
XMIS	Christmas Isla	17.42	233	P	Pn	13 39 38.0	
XMIS	Christmas Isla	17.42	233	P	Pn	13 39 32.3	-1.0
SZP	Santa	17.45	2	P	P	13 39 35.1	+0.4
UBSI	University, Be	17.81	258	P	P	13 39 40.4	+1.6
KDU	Kakadu	17.88	135	P	P	13 39 39.5	-0.1
KDU	Kakadu	17.88	135	P	P	13 39 40.3	+0.8
KNRA	Kunurra	17.98	151	P	Pn	13 39 38.7	-1.4
KNRA	Kunurra	17.98	151	P	Pn	13 39 39.3	-0.8
EGSI	Enggano, Bngk	18.19	253	P	Pn	13 39 43.3	+0.3
BKNI	Bangkitang	18.66	271	P	IAmb	13 39 49.2	+0.7
BKNI	Bangkitang	18.66	271	P	IAmb	13 39 56.9	
BKNI	Bangkitang	18.66	271	P	Pn	13 39 51.2	+2.7
BKNI	Bangkitang	18.66	271	P	Pn	13 39 49.4	+0.9
IPM	Ipo	19.17	284	P	Pn	13 39 54.6	-0.2
IPM	Ipo	19.17	284	P	Pn	13 39 54.9	+0.2
IPM	Ipo	19.17	284	P	P	13 39 54.2	+0.4
KULM	Kulim	19.73	286	P	P	13 40 00.3	+0.4
KULM	Kulim	19.73	286	P	IAmb	13 40 10.4	

KULM	Kulim	19.73	286	P	Pn	13 40 01.1	-0.3
KULM	Kulim	19.73	286	P	P	13 39 59.8	-0.1
KULM	Kulim	19.73	286	P	Pn	13 40 03.1	+0.1
GENI	Genyem	20.63	97	P	Pn	13 40 13.1	+1.1
GENI	Genyem	20.63	97	P	Pn	13 40 11.9	-0.1
SISI	Saibi	20.64	266	P	P	13 40 10.0	+0.1
UBPT	Khong Chiam	20.68	318	IAmb	IAmb	13 40 11.2	+0.9
UBPT	Khong Chiam	20.68	318	IAmb	IAmb	13 40 19.3	
UBPT	Khong Chiam	20.68	318	P	P	13 40 10.8	+0.6
RPSI	Rantau Prapat	20.93	277	P	P	13 40 13.0	0.0
RPSI	Rantau Prapat	20.93	277	IAmb	IAmb	13 40 21.3	
PSI	Prapat	20.95	278	P	pmax	13 40 13.0	-0.3
PSI	Prapat	20.95	278	P	pmax	13 40 13.0	-0.3
PSI	Prapat	20.95	278	P	P	13 40 13.4	+0.1
PSI	Prapat	20.95	278	P	P	13 40 13.7	+0.4
MBWA	Marble Bar	21.04	180	P	P	13 40 13.5	-0.5
MBWA	Marble Bar	21.04	180	P	P	13 40 13.2	-0.8
MBWA	Marble Bar	21.04	180	P	P	13 40 14.1	+0.1
MBWA	Marble Bar	21.04	180	P	P	13 40 14.3	+0.7
JAY	Jayapura	21.15	97	P	P	13 40 17.3	+1.9
QIZ	Qiongzhong	21.23	333	P	P	13 40 16.5	+0.3
QIZ	Qiongzhong	21.23	333	pP	pP	13 40 19.8	-1.3
QIZ	Qiongzhong	21.23	333	sP	sP	13 40 11.1	-1.1
QIZ	Qiongzhong	21.23	333	S	Sn	13 44 18.0	-0.9
QIZ	Qiongzhong	21.23	333	pmax	pmax	13 40 18.0	-0.9
QIZ	Qiongzhong	21.23	333	pmax	pmax	13 40 18.0	-0.9
QIZ	Qiongzhong	21.23	333	LR	LR	13 40 16.2	+0.1
QIZ	Qiongzhong	21.23	333	IAmb	IAmb	13 40 21.4	
PSACI	Pilbara Seismi	21.41	180	P	P	13 40 17.7	-0.3
PBSI	Pulau Batu	21.41	270	P	P	13 40 17.9	-0.3
PSA00	Pilbara Seismi	21.45	180	P	P	13 40 17.8	-0.6
PSA00	Pilbara Seismi	21.45	180	P	P	13 40 18.4	0.0
PSA00	Pilbara Seismi	21.45	180	IAmb	IAmb	13 40 28.6	
PSA00	Pilbara Seismi	21.45	180	P	P	13 40 17.6	-0.8
PSA00	Pilbara Seismi	21.45	180	P	P	13 40 18.1	-0.3
SRIT	Nakonsritamar	21.76	294	P	P	13 40 24.1	+2.2
TABU	Tabubil	22.13	104	P	P	13 40 28.6	+2.7
GSI	Gunungsitoli	22.15	273	IAmb	IAmb	13 40 25.4	-0.7
GSI	Gunungsitoli	22.15	273	P	P	13 40 48.6	
GSI	Gunungsitoli	22.15	273	P	P	13 40 26.9	+0.8
GSI	Gunungsitoli	22.15	273	P	P	13 40 25.5	-0.7
KACSI	Nakonyak	23.08	309	P	P	13 40 36.1	+0.2
GIRL	Giralila	23.13	193	P	P	13 40 36.9	+0.6
TPUB	Ta-pu	23.17	2	IAmb	IAmb	13 40 37.6	+0.8
TPUB	Ta-pu	23.17	2	IAmb	IAmb	13 40 45.9	
TPUB	Ta-pu	23.17	2	P	P	13 40 38.0	+1.2
LHMI	Lhok Sumawe	23.30	283	P	P	13 40 38.7	+0.6
LHMI	Lhok Sumawe	23.30	283	P	P	13 40 39.5	+1.4
LHMI	Lhok Sumawe	23.30	283	P	P	13 40 38.9	+0.8
YULB	Yu-li	23.30	4	IAmb	IAmb	13 40 38.3	+0.2
YULB	Yu-li	23.30	4	IAmb	IAmb	13 40 43.1	
YULB	Yu-li	23.30	4	P	P	13 40 39.7	+1.7
SNSI	Sinabang, Aceh	23.48	276	P	P	13 40 39.3	-0.7
MSLI	Meulaboh, Aceh	23.65	281	P	P	13 40 41.5	-0.1
SSLB	Suanguang	23.67	3	IAmb	IAmb	13 40 41.5	-0.2
SSLB	Suanguang	23.67	3	IAmb	IAmb	13 40 47.2	
SSLB	Suanguang	23.67	3	P	P	13 40 42.3	+0.6
NACB	Ninganchiao	24.09	4	IAmb	IAmb	13 40 45.5	-0.2
NACB	Ninganchiao	24.09	4	IAmb	IAmb	13 40 49.8	
NACB	Ninganchiao	24.09	4	P	P	13 40 46.7	+1.0
KNMB	Chin-men Tao	24.34	357	P	P	13 40 47.8	-0.2
WB0	Warramunga Arr	24.37	145	IAmb	IAmb	13 40 46.4	-1.9
WB0	Warramunga Arr	24.37	145	IAmb	IAmb	13 40 52.7	
WRAB	Tennant Creek	24.47	145	P	P	13 40 47.6	-1.6
WRAB	Tennant Creek	24.47	145	IAmb	IAmb	13 41 09.9	
WRAB	Tennant Creek	24.47	145	I			

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like YSS, YATNC, OUCNE, KUR, BHK, PINNC, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DGZ, MK31, MKAR, MKAR, ULHL, MDOK, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like YAK, YAK, YAK, YAK, YAK, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like SML Sawmill, PWL Port Wells, H24K Noodin Dome, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like IDI Anoyia, E28M Babbage River, F28M Old Crow, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like ARSA Arzberg, R33M Jennings River, SNAA Sanae, etc.

Table with columns: Code, Station Name, Az, El, Type, Time, Res, and various numerical data points for stations like CCM, CCM, CCM, etc.

MOS 28 13:39:43.7±1.1, 140S:120.19E, h13km, mb5.2/40, Error ellipse: s-maj=14.2km s-min=7.0km az=101.1

NEIC 28 13:39:44.2±1.4, 141S:120.05E, h19.9km, mb5.9/49, Error ellipse: s-maj=8.7km s-min=5.5km az=171.0

IDC 28 13:39:44.1±0.6, 148S:120.15E, h0km, mb5.9/16, mbtmp4.9/17, ML4.5/1, Error ellipse: s-maj=25.9km s-min=12.1km az=67.0

BUI 28 13:39:46.0±0.3, 150S:120.00E, h20km, mb5.0/65, mb5.7/8, Ms5.4/17, Ms7.5/215

ISC 28 13:39:44.5±0.3, 145S:104.120E, h10km, n220, r173/224, mb5.1/96, MS5.2/8, 3C-2D, Sulawesi

Main table listing station codes (KAPI, TNTI, SBUM, etc.), station names, coordinates, and various data points including time and residuals.

Main table listing station codes (HNS, HNS, HNS, etc.), station names, coordinates, and various data points including time and residuals.

Summary table with columns: Code, Station Name, Az, El, Type, Time, Res, and various numerical data points for stations like TOL12, LUWI, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KSH, SHLS, ZSN, UZB, SATY, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ABKAR, TIXI, NRIK, BILL, RAYN, etc.

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

comp=Z,0.4nm,0.3s,baz=290,slow=27,SNR=5.6
ARCES ARCES Array B 10.05 41 Pn Pn 14 08 32.0 -2.9

IDC 28 14:06:11.2±0.0,9,0.04S:119:83E,h0km,mb3.9/8,
mbmp3.9/9,ML3.7/1,Error ellipse: s-maj=72.4km

DJA 28 14:06:13.0±0.5,0.0N5°x12'0E°,h10km,ML4.1/7,MLV4.1/7
ISC 28 14:06:12.6±0.8,0.09S:119:80E,0.06,h10km,n16,

r153/17,mb4.1/8,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MPST, SGKI, APST, MRSI, LUWI, PMSI, GTOI, KAPI, WRA, ASAR, CMAR, MKAR, ZALV, KURBB, BVAR, NRIK, MAW, KBZ, BRTR, GSPA, AKASG.

IDC 28 14:10:06.3±0.5,0.16S:119:64E,h0km,mb4.3/21,
mbmp4.3/22,ML4.1/1,Error ellipse: s-maj=23.9km

NEIC 28 14:10:08.4±1.7,0.06S:0.02:119:78E:0.07,h10km,1km,
mb4.7/27,Error ellipse: s-maj=11.3km s-min=3.1km

DJA 28 14:10:08.3±0.2,0.2S:2°x12'0E°,h10km,ML5.0/17,
mb4.7/15,mb5.8/6,ML4.9/17,Mw(MB)5.4/6

ISC 28 14:10:08.0±0.4,0.10S:0.05:119:73E,0.06,h10km,n88,
r151/189,mb4.5/30,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MPST, TOL2, APST, SGKI, MRSI, SMKI, BKS, LUWI, GTOI, PMSI, BNSI, KMSI, KAPI, KAPPANG, KAP, MYLDM, BBSI, SANI, SBUM, NLAI, MMRI, PLAI, KLNI, KRAI, WBSI, FAKI, MYKOM, KNRA, FITZ, IPMI, MBWA, PSA00, KULM, WBO, WRAB, WRA, WBS2, WR0, AS31, ASAR, MORW, CMAR, FORT, BBOO, STKA, KRSR, MJAR, GTA, XLT, MDJ, USRK, ASAJ, JKA, ULN.

SOMN Songino Array 49.13 348 P Iamb Iamb 14 18 56.1 +0.1
SOMN 14 19 00.5

SOMN Songino Array 49.13 348 P Iamb Iamb 14 18 56.2 +0.1
SOMN 14 19 00.5

KLR Kul'dur 50.22 10 P P 14 19 05.8 +1.7

KSH Kashi 56.12 320 P P 14 19 50.5 +2.7
MK31 Makanchi Array 57.02 330 P P 14 19 54.4 +0.3

MK31 Makanchi Array 57.02 330 P Iamb Iamb 14 20 01.6

MAK2 Makanchi 58.15 330 P Iamb Iamb 14 20 44.0 +1.2

MAKZ Makanchi 58.15 330 P Iamb Iamb 14 20 47.2

PEA0B Petropavlovsk 61.94 24 P P 14 21 08.7 0.0

PETK Petropavlovsk 61.94 24 P P 14 21 08.4 -0.2

ZALV Zalesovo Beam 61.99 337 P P 14 21 09.1 +0.1

ZALV Zalesovo Beam 61.99 337 P P 14 21 07.3 -1.7

KURBB Kurchatov Arra 61.38 332 P P 14 16 28.5 -0.3

BVAR Borovoy Array 66.83 330 P P 14 17 05.7 +1.1

NRIK Noril'sk 72.58 349 P P 14 17 41.1 +1.5

MAW Mawson 77.82 199 P P 14 22 05.2 0.0

KBZ Khabaz 80.56 314 P P 14 22 21.4 +0.7

BRTR Keskin Array B 87.05 310 P P 14 22 54.6 +0.3

GSPA South Pole Qui 89.84 180 P P 14 23 06.9 0.0

GSPA South Pole Qui 89.84 180 P P 14 23 06.4 -0.5

AKASG Malin Array Be 90.40 321 P P 14 23 08.1 -1.6

IDC 28 14:10:46.1±0.6,0.74S:120:44E,h0km,mb4.4/19,
mbmp4.4/20,ML4.6/1,Error ellipse: s-maj=25.4km

NEIC 28 14:10:49.6±2.1,0.76S:0.05:120:50E:0.06,h10km,1km,
mb4.6/28,Error ellipse: s-maj=9.9km s-min=9.2km

ISC 28 14:10:48.8±0.4,0.73S:0.05:120:55E:0.07,h10km,n62,
r156/764,mb4.5/28,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TOL2, LUWI, BKB, KAPI, KAPPANG, KAP, MYLDM, NTI, UGI, JAGI, WAGI, MTN, KNRA, FITZ, IPMI, MBWA, PSA00, KULM, WBO, WRAB, WRA, WBS2, WR0, AS31, ASAR, MORW, CMAR, FORT, BBOO, STKA, KRSR, MJAR, GTA, XLT, MDJ, USRK, ASAJ, JKA.

SOMN Songino Array 49.92 348 P P 14 19 40.8 -2.0

MK31 Makanchi Array 57.98 330 P P 14 20 42.4 +0.8

MKAR Makanchi Array 57.98 330 P P 14 20 42.2 +0.6

MAK2 Makanchi 58.15 330 P P 14 20 39.8 -1.8

MAKZ Makanchi 58.15 330 P Iamb Iamb 14 20 44.0 +1.2

PEA0B Petropavlovsk 61.94 24 P P 14 21 08.7 0.0

PETK Petropavlovsk 61.94 24 P P 14 21 08.4 -0.2

ZALV Zalesovo Beam 61.99 337 P P 14 21 09.1 +0.1

ZALV Zalesovo Beam 61.99 337 P P 14 21 07.3 -1.7

KURBB Kurchatov Arra 61.38 332 P P 14 21 10.0 -1.7

KURK Kurchatov 62.41 331 P Iamb Iamb 14 21 11.6 -0.2

KKAR Karatay Array 62.50 321 P P 14 21 11.9 -0.7

YAK Yakutsk 62.98 5 P P 14 21 15.2 -0.3

BVAR Borovoy Array 66.83 330 P P 14 21 44.7 -2.6

ABKAR Akbulak array 71.82 323 P P 14 22 11.6 -0.1

KBZ Khabaz 81.59 314 P P 14 23 06.8 -0.2

KMBO Kilima Mbogo 83.28 269 P P 14 23 16.1 -0.7

MMAI Mount Meron Arr 86.32 303 P P 14 23 31.0 -0.5

BRTR Keskin Array B 88.08 310 P P 14 23 38.1 -2.0

GSPA South Pole Qui 89.21 180 P Iamb Iamb 14 23 44.3 -0.4

GSPA South Pole Qui 89.21 180 P Iamb Iamb 14 23 43.9 -0.9

IDC 28 14:16:01.1±0.7,1.28S:120:40E,h0km,mb4.1/10,
mbmp4.1/11,ML4.1/1,Error ellipse: s-maj=4.17km

DJA 28 14:16:04.5±0.2,1.1S:2°x12'0E°,h10km,ML4.7/19,
mb4.7/10,mb5.7/11,ML4.7/19,Mw(MB)5.2/1

NEIC 28 14:16:04.2±2.5,1.43S:0.04:120:13E:0.07,h10km,1km,
mb4.5/22,Error ellipse: s-maj=12.2km s-min=5.3km

ISC 28 14:16:03.2±0.5,1.46S:0.04:120:11E:0.05,h10km,n66,
r152/69,mb4.4/21,Sulawesi

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like APST, MPST, MRSI, LUWI, BNSI, BKS, KAPI, KAPPANG, KAP, MYLDM, NLAI, KLNI, KRAI, WBSI, FAKI, MYKOM, KNRA, FITZ, IPMI, MBWA, PSA00, KULM, WBO, WRAB, WRA, WBS2, WR0, AS31, ASAR, MORW, CMAR, FORT, BBOO, STKA, KRSR, MJAR, GTA, XLT, MDJ, USRK, ASAJ, JKA, HEH.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKBB, AK07, SORM, Minsk, MNK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRHM, BOSB, SUR, VOI, ABPO, MAW, SNA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRAB, WRA, H1N1, H1N3, H1N2, ASAR, etc.

IDC 28 14:35:36.2, 1.0, 0.50S:120.41E, h0km, mb3.7/6, mbmp3.77, ML3.5/1, Error ellipse: s-maj=82.2km

NEIC 28 14:42:23.1, 1.9, 10.93S:019.164.63E, 0.10, h10km, 1km, mb4.6/12, Error ellipse: s-maj=16.2km s-min=15.5km az=277.0

IDC 28 14:46:08.7, 1.2, 1.1N:5.96E, h10km, M4.5/12, mb4.7/5, mb5.4/2, MLV4.4/12, Mw(mb)5.0/1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAPI, WRA, ASAR, MKAR, ZALV, KURBB, BVAR, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBL, ZALV, PEAOB, KURKB, KURK, ABKA, etc.

IDC 28 14:39:23.4, 0.5, 43.04S:42.45E, h0km, mb4.3/16, mbmp4.3/17, ML4.5/1, Error ellipse: s-maj=19.7km

IDC 28 14:44:25.8, 0.9, 11.03S:008.164.5E, 0.1, h29km, n31, a113/26, mb4.0/12, Santa Cruz Islands region

IDC 28 14:56:30.9, 19.7, 1.94N:96.97E, h173km, 158km, mb3.6/8, mbmp4.0/9, Error ellipse: s-maj=96.7km s-min=12.3km az=56.0

Table with columns: QSPA, South Pole Qui, 90.04 180, P, P, 15 34 40.5 +0.5, 15 34 48.2. Includes station names like RAST, FAHL, IBBN, etc.

Main table for 1847 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAST, FAHL, IBBN, etc.

Table for 2018 SEP with columns: HINF, Hinterfeld, 4.99 188, ePn, Pn, 15 23 07.1 -1.5, etc.

IDC 28 15:20:10.1±0.5, 0.78S, 119.95E, h0km, mb4.7/22, mbmp4.6/22, Error ellipse: s-maj=23.9km s-min=11.7km az=69.0

BUI 28 15:28:11.5±0.0, 0.70S, 120.00E, h10km, mb4.8/59, mb5.4/15, Ms4.8/5, Ms7.4/74

NEIC 28 15:28:13.3±1.9, 0.70S, 0.05E-119.93E±0.05, h10km±1km, mb4.9/40, Error ellipse: s-maj=9.4km s-min=9.1km az=148.0

DJA 28 15:28:14.3±0.3, 1.1S±2.10E, h14km±2km, MA.9/41, mb5.4/12, mb5.0/41, MLV5.0/18, Mw(mb)4.9/12

ISC 28 15:28:13.5±0.9, 0.70S, 0.04E-119.98E±0.05, h16km±5km, n182, ±1548/188, mb4.9/62, C3, Minahassa Peninsula, Sulawesi

Table for 2018 SEP with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HINF, HNF, HNF, etc.

Main table for 28d 15h with columns: MYLDM, Lahad Datu, 6.02 346, P, Pn, 15 29 44.9 ±2.9, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like CAN, MDJ, USR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ARCES, FINES, VRI, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like PSI, GSI, WBO, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ULN, SOMM, SOMN, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like LPAZ, WRA, ASAR, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SNAAC, VNA2, VNA1, etc.

28d 16h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURBB Kurchatov Arra, BVAR Borovoye Array, etc.

IDC 28 16:58:17.3:0.6,0.00N:119.80E,h0km,mb4.1/15, mbmp4.1/16,ML3.8/1,MS3.8/1, Error ellipse: s-maj=34.2km s-min=12.8km az=70.0 NEIC 28 16:58:20.4:2.0,0.02N:109.66E:0.06,h10km,11km, mb4.4/17, Error ellipse: s-maj=9.5km s-min=6.8km az=260.0

DJA 28 16:58:22.0:0.3,0.2N:121.0E,h10km,M4.6/12,mb4.8/4, mB4.9/1,MLV4.5/12,MMW(B)4.2/1 ISC 28 16:58:19.5:0.5,0.01N:105.119:65E:0.04,h10km,n53, s=141/56,mb4.3/20,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MPMSI Mapaga, MRSI Marisa, BKB Balikpapan, etc.

MYLDM Lahad Datu 5.19 345 P Pn 16 03 12.6 +0.4 WRA Warramunga Arr 24.48 145 P P 16 07 11.5 -2.4

ASAR Alice Springs 27.31 151 P P 16 04 02.7 -1.9

CMAR Chiang Mai Arr 27.39 313 P P 16 04 05.2 -0.1

STKA Stephens Creek 37.91 149 P P 16 05 36.5 -0.6

KSRs Korea Array 38.03 11 P P 16 05 38.2 +0.2

SONM Songino Arr 49.01 348 P P 16 07 06.7 +0.1

MK31 Makanchi Array 56.89 330 P P 16 08 05.2 +0.5

MKAR Makanchi Array 56.89 330 P P 16 08 05.1 +0.5

MKAR Makanchi Array 56.89 330 P P 16 08 05.0 +0.3

MAKZ Makanchi 57.05 330 P P 16 08 07.1 +1.3

KBL Kabul 58.40 311 P P 16 08 15.7 -0.1

CHGR Chuyangaron 60.12 316 P P 16 08 29.2 +1.8

ZALV Zalesovo Beam 60.96 337 P P 16 08 31.1 -1.6

ZALV Zalesovo Beam 60.96 337 P P 16 08 32.3 -0.4

KURBB Kurchatov Arra 61.31 331 P P 16 08 35.2 +0.1

KURK Kurchatov 61.33 332 P P 16 08 35.2 -0.1

PETK Petrogajovsk 61.64 25 P P 16 08 36.6 -0.8

BVAR Borovoye Array 66.77 330 P P 16 09 11.0 -0.1

ABKAR Akbulak array 70.39 323 P P 16 09 34.9 -0.7

NIUE Niue 71.53 110 P P 16 09 41.0 -0.3

NR1K Noril'sk 72.49 349 P P 16 09 44.9 -1.1

MAW Mawson 77.89 199 P P 16 10 17.2 0.0

QSPA South Pole Qui 89.95 180 P P 16 11 18.4 -0.6

QSPA South Pole Qui 89.95 180 P P 16 11 19.1 +0.2

ILAR Eielson Array 91.47 25 P P 16 11 25.2 -0.7

DJA 28 16:01:54.2:0.4,0.0N:121.0E,h10km,M4.2/10,mb4.5/1, MLV4.1/10

IDC 28 16:01:54.1:1.0,0.02N:120.63E,h0km,mb3.7/6, mbmp3.8/7,ML3.9/1, Error ellipse: s-maj=79.1km s-min=18.4km az=65.0

ISC 28 16:01:54.4:0.9,0.13N:102.06E:119.86E:0.07,h10km,n17, s=142/17,mb3.9/6,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MPMSI Mapaga, MRSI Marisa, BKB Balikpapan, etc.

2018 SEP

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

IDC 28 16:02:24.0:1.4,1.79S:118.44E,h0km,mb3.9/6, mbmp3.9/6, Error ellipse: s-maj=301.2km s-min=18.2km az=57.0

ISC 28 16:02:29.3:1.6,2.5S:117.8E,h35km,n6,s=125/6, mb4.0/6,Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

IDC 28 16:18:36.9:1.6,1.67S:121.14E,h0km,mb3.3/3, mbmp3.4/4,ML3.6/1, Error ellipse: s-maj=62.5km s-min=26.2km az=65.0

DJA 28 16:18:41.0:0.3,2.5S:121.1E,h10km,M4.2/8,MLV4.2/8

ISC 28 16:18:39.8:1.0,2.08S:120.94E:0.08,h10km,n13, s=226/16,mb3.3/3,Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like APSI Ampna, LUWI Luwuk, BNSI Bone, etc.

NOU 28 16:18:31.6,38.96S:176.53E,h190km,ML3.4/8, North Island, New Zealand

WEL 28 16:18:43.1:0.4,39.3S:17.6E,h10km,4km,M3.3/38, ML3.6/30,MLV3.3/38, Error ellipse: s-maj=0.0km s-min=0.0km az=166.9

ISC 28 16:18:43.0:6.9,39.47S:175.68E:0.02,h18km,2km, n134,s=658/152,North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOVZ Moawhango, WNVV Wahianoa, MTVZ Mangateitei, etc.

1850

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAHZ Arachi, HSRZ Hossack Road, NEZ North Egmont, etc.

IDC 28 16:19:27.4:1.3,1.74S:119.88E,h0km,mb3.8/5, mbmp3.8/5, Error ellipse: s-maj=342.5km s-min=20.7km az=68.0,Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

IDC 28 16:21:35.2:1.0,3.27S:120.05E,h0km,mb3.8/6, mbmp3.9/7,ML4.0/1, Error ellipse: s-maj=47.5km s-min=16.0km az=68.0

NEIC 28 16:21:36.3:2.0,2.77S:109.9E:0.2,h10km,2km, mb4.4/6, Error ellipse: s-maj=30.9km s-min=10.5km az=88.0

DJA 28 16:21:40.7:1.0,3.3S:119.9E,h18km,10km,M4.4/13, mb4.5/5,mb5.9/1,MLV4.3/13,MMW(B)5.5/1

ISC 28 16:21:35.0:0.8,3.27S:120.06E:119.90E:0.09,h10km,n29, s=184/27,mb4.0/3,Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMSI Majene, BNSI Bone, KAPI Kappang, etc.

comp=Z,0.7nm,0.6s
KURSB Kurchatov Arra 63.87 332 P 16 32 09.3 +0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPA, MRSI, SGBK, SBKI, MYLDM.

DJA 28 16:29:23.0, 4.0, 0N, 5.12, 10E, h10km, M3.6/6, mb3.8/1, MLV3.5/6, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GENI, GENI, JAY, JAY, MMPI, MMPI, FAKI, FAKI.

IDC 28 16:40:02.4, 1.0, 0.02N, 120.18E, h0km, mb3.9/7, mbmp3.9/8, ML4.2/1, Error ellipse: s-maj=56.9km

DJA 28 16:40:04.5, 0.3, 0.2, 2.12, 10E, h10km, M4.3/11, mb4.5/3, mb4.6/1, MLV4.2/11, Mw(MB)3.8/1

NEIC 28 16:40:04.3, 1.6, 0.24S, 0.09, 119.72E, 0.08, h10km, 1km, mb4.3/8, Error ellipse: s-maj=15.8km s-min=12.3km

ISC 28 16:40:06.9, 0.7, 0.09S, 0.05, 119.79E, 0.06, h32km, n32, z=201/35, mb4.2/10, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPSI, MPSI, TOLIZ, TOLIZ, APSI, APSI, MRSI, MRSI, BKB, BKB, LUWI, LUWI, LUWI, LUWI, GTOI, GTOI, MMSI, MMSI, BNSI, BNSI, KAPI, KAPI, KAPI, KAPI.

KAPI 1.8nm, 0.3s, baz=305, slow=1.4, SNR=5.3

BKSI Bulukumba 5.20 176 P Pn 16 41 22.7 +0.2

MYLDM Lahad Datu 5.39 346 P Pn 16 41 28.2 +3.0

WRAB Tennant Creek 24.33 145 P P 16 45 21.0 -1.0

WRB Warrungarra Arr 24.34 145 P P 16 45 20.5 -1.6

CMAR Chiang Mai Arr 27.56 313 P P 16 45 52.4 +1.2

SOMNI Songoing Array 49.14 348 P P 16 48 51.7 0.0

MK31 Makanchi Array 57.05 330 P P 16 49 51.8 +1.9

MKAR Makanchi Array 57.05 330 P P 16 49 50.8 +0.9

MAK2 Makanchi Array 57.22 330 P P 16 49 52.0 +0.9

KURSB Kurchatov Arra 61.47 331 P P 16 50 21.1 +0.8

KURK Kurchatov 61.49 332 P P 16 50 20.9 +0.4

QSPA South Pole Qui 89.84 180 P P 16 53 02.1 -0.2

IDC 28 16:43:48.8, 1.5, 0.077N, 125.96E, h0km, mb3.9/4, mbmp3.9/4, MS3.4/1, Error ellipse: s-maj=156.5km

DJA 28 16:43:55.5, 0.9, 1.1, N4.4, 12.7E, h25km, 9km, M3.9/10, MLV3.9/10

ISC 28 16:43:54.9, 1.0, 1.21N, 0.07, 126.74E, 0.06, h39km, n18, z=200/19, mb3.9/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TINTI, TINTI, GAMM, GAMM, SANI, SANI, SANI, SANI, NLAI, NLAI, KRAI, KRAI, SWI, SWI, FAKI, FAKI, KDU, KDU, WRA, WRA, QIS, QIS, ASAR, ASAR, WRKA, WRKA, CMAR, CMAR, MKAR, MKAR, KURSB, KURSB.

IDC 28 16:47:18.3, 0.6, 5.52S, 151.84E, h0km, mb4.4/14, mbmp4.4/14, MS3.8/12, Error ellipse: s-maj=24.2km

NEIC 28 16:47:26.2, 2.3, 5.63S, 0.06, 152.0E, 0.1, h54km, 8km, mb4.7/29, Error ellipse: s-maj=15.0km s-min=7.3km

ISC 28 16:47:25.4, 0.5, 5.63S, 0.05, 151.92E, 0.08, h45km, n83, z=174/81, mb4.6/33, MS3.8/11, New Britain region

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

KAVG Kavieng 3.22 340 P Pn 16 48 15.3 +1.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MANU, MANU, PMG, PMG, PMG, PMG, PMG, PMG, COEN, COEN, MTN, MTN, CTAO, CTAO, EIDS, EIDS, KDU, KDU, DZM, DZM, DZM, DZM, DZM, DZM.

IDC 28 16:55:10.5, 0.8, 0.9, 1.31S, 120.25E, h0km, mb3.8/7, mbmp3.9/8, ML3.8/1, Error ellipse: s-maj=55.0km

DJA 28 16:55:10.6, 0.3, 1.1, S3.3, 12.0E, h10km, M4.6/13, mb4.8/3, mb5.1/1, MLV4.5/13, Mw(MB)5.1/1

ISC 28 16:55:10.5, 0.8, 1.39S, 0.05, 120.04E, 0.05, h10km, n20, z=180/23, mb4.0/7, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APSI, APSI, MPSI, MPSI, MRSI, MRSI, LUWI, LUWI, BNSI, BNSI, GTOI, GTOI, KAPI, KAPI, KAPI, KAPI.

KAPI Kappang 3.61 184 P Pn 16 56 05.8 -0.7

WRA Warrungarra Arr 22.24 229 P P 16 52 17.8 -0.8

ASAR Alice Springs 24.95 222 P P 16 52 45.2 +0.4

CMAR Chiang Mai Arr 28.63 315 P P 17 01 08.5 +1.1

MKAR Makanchi Array 58.29 330 P P 17 05 04.8 -0.7

ZALV Zalesovo Beam 62.0 337 P P 17 05 34.3 +0.9

KURSB Kurchatov Arra 62.72 332 P P 17 05 35.4 -0.3

BVAR Borovoye Array 68.17 330 P P 17 06 09.7 -1.3

TEH 28 16:56:13.5, 34.67N, 46.22E, h7km, 49km, ML2.9

ISC 28 16:56:15.8, 2.3, 34.75N, 46.12E, h25km, ML2.9

ISC 28 16:56:13.8, 1.2, 34.69N, 0.06, 46.20E, 0.04, h10km, 12km, n14, z=76/15, Western Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDHR, IDHR, IGHG, IGHG, KGSJ, KGSJ, GLGT, GLGT, LWIN, LWIN, KCHF, KCHF, SNQR, SNQR, IBZA, IBZA, IKRK, IKRK, IKRK, IKRK, IKRF, IKRF, IDOB, IDOB, HSAM, HSAM, BDRS, BDRS, BMDN, BMDN.

CATAC 28 16:58:28.1, 0.7, 13.20N, 87.71W, h208km, 5km, ML3.0

UCR 28 16:58:34.3, 1.8, 12.72N, 87.52W, h0km, 163km, MW3.8

ISC 28 16:58:28.2, 1.2, 13.17N, 0.09, 87.70W, 0.09, h206km, 13km, n23, z=089/30, Honduras

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMPH, AMPH, CNCH, CNCH, CNCH, CNCH, LCND, LCND, CSGN, CSGN, CRIN, CRIN, CRIN, CRIN, TGUH, TGUH, TGUH, TGUH, YUSH, YUSH, YUSH, YUSH, ILCN, ILCN, ILCN, ILCN, CNMG, CNMG, CNMG, CNMG, LIMN, LIMN, LIMN, LIMN, MOMM, MOMM, MOMM, MOMM, MOMZ, MOMZ, MOMZ, MOMZ, COPN, COPN, COPN, COPN, RCVN, RCVN, RCVN, RCVN, MSHF, MSHF, MSHF, MSHF, MTO3, MTO3, MTO3, MTO3, BOAB, BOAB, BOAB, BOAB, BOAB, BOAB, ACON, ACON, ACON, ACON, VRLE, VRLE, VRLE, VRLE.

IDC 28 16:58:28.1, 0.7, 13.20N, 87.71W, h208km, 5km, ML3.0

UCR 28 16:58:34.3, 1.8, 12.72N, 87.52W, h0km, 163km, MW3.8

ISC 28 16:58:28.2, 1.2, 13.17N, 0.09, 87.70W, 0.09, h206km, 13km, n23, z=089/30, Honduras

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMPH, AMPH, CNCH, CNCH, CNCH, CNCH, LCND, LCND, CSGN, CSGN, CRIN, CRIN, CRIN, CRIN, TGUH, TGUH, TGUH, TGUH, YUSH, YUSH, YUSH, YUSH, ILCN, ILCN, ILCN, ILCN, CNMG, CNMG, CNMG, CNMG, LIMN, LIMN, LIMN, LIMN, MOMM, MOMM, MOMM, MOMM, MOMZ, MOMZ, MOMZ, MOMZ, COPN, COPN, COPN, COPN, RCVN, RCVN, RCVN, RCVN, MSHF, MSHF, MSHF, MSHF, MTO3, MTO3, MTO3, MTO3, BOAB, BOAB, BOAB, BOAB, BOAB, BOAB, ACON, ACON, ACON, ACON, VRLE, VRLE, VRLE, VRLE.

YBH Yreka Blue Hor 90.26 48 LR 17 33 36.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR, NVAR, TKFX, TKFX, PFO, PFO, GERES, GERES, GERES, GERES, BDFB, BDFB, BDFB, BDFB.

IDC 28 16:55:08.6, 0.9, 1.31S, 120.25E, h0km, mb3.8/7, mbmp3.9/8, ML3.8/1, Error ellipse: s-maj=55.0km

DJA 28 16:55:10.6, 0.3, 1.1, S3.3, 12.0E, h10km, M4.6/13, mb4.8/3, mb5.1/1, MLV4.5/13, Mw(MB)5.1/1

ISC 28 16:55:10.5, 0.8, 1.39S, 0.05, 120.04E, 0.05, h10km, n20, z=180/23, mb4.0/7, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APSI, APSI, MPSI, MPSI, MRSI, MRSI, LUWI, LUWI, BNSI, BNSI, GTOI, GTOI, KAPI, KAPI, KAPI, KAPI.

KAPI Kappang 3.61 184 P Pn 16 56 05.8 -0.7

WRA Warrungarra Arr 22.24 229 P P 16 52 17.8 -0.8

ASAR Alice Springs 24.95 222 P P 16 52 45.2 +0.4

CMAR Chiang Mai Arr 28.63 315 P P 17 01 08.5 +1.1

MKAR Makanchi Array 58.29 330 P P 17 05 04.8 -0.7

ZALV Zalesovo Beam 62.0 337 P P 17 05 34.3 +0.9

KURSB Kurchatov Arra 62.72 332 P P 17 05 35.4 -0.3

BVAR Borovoye Array 68.17 330 P P 17 06 09.7 -1.3

TEH 28 16:56:13.5, 34.67N, 46.22E, h7km, 49km, ML2.9

ISC 28 16:56:15.8, 2.3, 34.75N, 46.12E, h25km, ML2.9

ISC 28 16:56:13.8, 1.2, 34.69N, 0.06, 46.20E, 0.04, h10km, 12km, n14, z=76/15, Western Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDHR, IDHR, IGHG, IGHG, KGSJ, KGSJ, GLGT, GLGT, LWIN, LWIN, KCHF, KCHF, SNQR, SNQR, IBZA, IBZA, IKRK, IKRK, IKRK, IKRK, IKRF, IKRF, IDOB, IDOB, HSAM, HSAM, BDRS, BDRS, BMDN, BMDN.

CATAC 28 16:58:28.1, 0.7, 13.20N, 87.71W, h208km, 5km, ML3.0

UCR 28 16:58:34.3, 1.8, 12.72N, 87.52W, h0km, 163km, MW3.8

ISC 28 16:58:28.2, 1.2, 13.17N, 0.09, 87.70W, 0.09, h206km, 13km, n23, z=089/30, Honduras

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMPH, AMPH, CNCH, CNCH, CNCH, CNCH, LCND, LCND, CSGN, CSGN, CRIN, CRIN, CRIN, CRIN, TGUH, TGUH, TGUH, TGUH, YUSH, YUSH, YUSH, YUSH, ILCN, ILCN, ILCN, ILCN, CNMG, CNMG, CNMG, CNMG, LIMN, LIMN, LIMN, LIMN, MOMM, MOMM, MOMM, MOMM, MOMZ, MOMZ, MOMZ, MOMZ, COPN, COPN, COPN, COPN, RCVN, RCVN, RCVN, RCVN, MSHF, MSHF, MSHF, MSHF, MTO3, MTO3, MTO3, MTO3, BOAB, BOAB, BOAB, BOAB, BOAB, BOAB, ACON, ACON, ACON, ACON, VRLE, VRLE, VRLE, VRLE.

IDC 28 16:58:28.1, 0.7, 13.20N, 87.71W, h208km, 5km, ML3.0

UCR 28 16:58:34.3, 1.8, 12.72N, 87.52W, h0km, 163km, MW3.8

ISC 28 16:58:28.2, 1.2, 13.17N, 0.09, 87.70W, 0.09, h206km, 13km, n23, z=089/30, Honduras

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMPH, AMPH, CNCH, CNCH, CNCH, CNCH, LCND, LCND, CSGN, CSGN, CRIN, CRIN, CRIN, CRIN, TGUH, TGUH, TGUH, TGUH, YUSH, YUSH, YUSH, YUSH, ILCN, ILCN, ILCN, ILCN, CNMG, CNMG, CNMG, CNMG, LIMN, LIMN, LIMN, LIMN, MOMM, MOMM, MOMM, MOMM, MOMZ, MOMZ, MOMZ, MOMZ, COPN, COPN, COPN, COPN, RCVN, RCVN, RCVN, RCVN, MSHF, MSHF, MSHF, MSHF, MTO3, MTO3, MTO3, MTO3, BOAB, BOAB, BOAB, BOAB, BOAB, BOAB, ACON, ACON, ACON, ACON, VRLE, VRLE, VRLE, VRLE.

Table with 5 columns: Station Name, Az, Phase ID, Time, Res. Includes stations like JTS, CBL1, CBL1, LCR2, BUS1.

IDC 28 17:02:06.0±0.0, 0.69S, 119.85E, h0km, mb3.9/11, mbmp3.9/12, ML4.0/1, MS3.6/1, Error ellipse: s-maj=43.8km s-min=14.3km az=65.0

NEIC 28 17:02:07.8±1.4, 0.72S, 0.06E, 119.78E±0.05, h10km, 1km, mb4.2/14, Error ellipse: s-maj=10.2km s-min=7.9km az=174.0

DJA 28 17:02:09.6±0.3, 1.2S, 12.0E, h19km, 3km, M4.5/16, mb4.6/13, mb4.8/11, ML4.5/16, Mw(MB)4.7/8

ISC 28 17:02:07.1±0.5, 0.66S, 0.04E, 119.82E±0.05, h10km, n52, r196/56, mb4.1/17, Minahassa Peninsula, Sulawesi

Main station list table for 28th 17th. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPSI, APPI, TOLIZ, MRSI, PMSI, LUWI, etc.

IDC 28 17:05:43.6±0.6, 1.31S, 120.19E, h0km, mb4.2/14, mbmp4.1/15, ML4.2/1, MS3.5/3, Error ellipse: s-maj=34.0km s-min=12.6km az=69.0

NEIC 28 17:05:45.7±2.3, 1.42S, 0.05E, 120.20E±0.03, h10km, 1km, mb4.6/29, Error ellipse: s-maj=9.4km s-min=3.0km az=154.0

DJA 28 17:05:46.9±0.3, 1.2S, 12.0E, h10km, 2km, M4.7/19, mb5.3/8, mb4.7/18, ML4.8/19, Mw(MB)4.7/8

ISC 28 17:05:45.4±0.4, 1.39S, 0.04E, 120.17E±0.05, h10km, n94, r167/94, mb4.5/34, Sulawesi

Main station list table for 28th 17th (continued). Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APPI, MPSI, PMSI, TOLIZ, etc.

Main station list table for 2018 SEP. Columns: Station Name, Az, Phase ID, Time, Res. Includes stations like NLAI, MMRI, KLNI, KRRI, STKI, SBUM, etc.

IDC 28 17:10:45.1±0.8, 0.36S, 119.52E, h0km, mb3.8/10,

mbmp3.8/11, ML3.7/1, MS3.6/1, Error ellipse: s-maj=41.4km s-min=14.7km az=68.0

NEIC 28 17:10:45.2±0.6, 0.42S, 0.05E, 119.86E±0.08, h10km, 1km, mb4.4/10, Error ellipse: s-maj=13.2km s-min=7.8km az=252.0

DJA 28 17:10:51.4±0.4, 0.4N, 4.0E, h10km, M3.9/7, MLv3.9/7

ISC 28 17:10:45.7±0.5, 0.34S, 0.04E, 119.89E±0.06, h10km, n35, r200/39, mb4.1/15, Minahassa Peninsula, Sulawesi

Main station list table for 1852. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPSI, APPI, TOLIZ, MRSI, etc.

Table with columns: STKA, Stephens Creek, 37.65 149 P P, 17 23 36.0 +0.3, etc. Includes stations like MJAR, JKA, SONMI, MK31, MK31, MKAR, MKAR, MAKZ, ZALV, ZALV, KURBB, KURK, PETK, PETK, PETK, YAK, RTZ, BVAR, ABKAR, ABKAR, NRIK, MAW, GQSPA, etc.

DJA 28 17:26:47.7-0.3,0'S;3.3'x12.0'E, h10km, M3.9/11, mb4.3/2, ML3.6/11, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MPSI, APSI, MRSI, SMKI, LUWI, GTOI, BNSI, BKSI, MYLDM, BSSI, etc.

ICC 28 17:34:11.4-0.7,0.1'S;11.9'64E, h0km, mb3.9/12, mbmp3.9/13, ML3.4/11, Error ellipse: s-maj=40.8km s-min=14.1km az=70.0

NEIC 28 17:34:11.9-1.1,0.08S;0.06E;119.66E;0.05, h10km, 1.1km, mb4.1/10, Error ellipse: s-maj=12.2km s-min=6.8km az=144.0

DJA 28 17:34:14.8-0.3,0.0'N;3.3'x12.0'E, h10km, M4.2/5, mb4.4/5, ML4.1/5

ICC 28 17:34:12.3-0.5,0.09S;0.04E;119.65E;0.04, h10km, n46, r1853/47, mb4.1/16, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MPSI, TOLIZ, SOKI, APSI, MRSI, BKSI, BKB, LUWI, GTOI, PMSI, BNSI, KMSI, KAPI, KAPI, KAPI, etc.

DJA 28 17:54:44.9-0.3,0.0'S;3.3'x11.9'E, h10km, M4.2/13, mb4.4/3, mb5.4/1, MLV4.1/13, Mw(mb)4.8/1

ICC 28 17:54:47.1-1.4,1.64N;122.67E, h0km, mb3.3/4, mbmp3.3/4, Error ellipse: s-maj=308.9km s-min=23.5km az=6.0

ICC 28 17:54:45.3-1.0,0.01S;0.09E;119.37E;0.07, h10km, n17, r1853/17, mb3.3/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MPSI, SGKI, APSI, MRSI, BKSI, LUWI, GTOI, PMSI, BNSI, KMSI, KAPI, KAPI, KAPI, etc.

ICC 28 18:06:50.1-2.3,16.38S;173.56W, h0km, mb3.9/4, mbmp3.9/4, Error ellipse: s-maj=56.3km s-min=41.5km az=50.0, Tonga Islands

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

Table with columns: NRK, Nori'sk, 72.59 349 P P, 17 45 39.8 +0.4, MAW, Warrung Arr, 77.79 199 P P, 17 46 09.4 0.0, GQSPA, South Pole Qui, 89.84 180 P P, 17 47 11.6 +0.4

DJA 28 17:44:19.5-1.0,0.0'S;6.6'x11.9'E, h10km, M4.4/11, mb4.2/3, mb4.8/1, MLV4.4/11, Mw(mb)4.1/1

ICC 28 17:44:21.5-1.1,0.1'2N;120.46E, h0km, mb3.6/4, mbmp3.6/7, ML3.6/11, Error ellipse: s-maj=72.5km s-min=19.6km az=63.0

ICC 28 17:44:11.9-2.4,0.0N;0.2'E;119.4E;0.2, h10km, n18, r090/13, mb3.4/6, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MPSI, APSI, MRSI, PMSI, LUWI, GTOI, BNSI, KMSI, KAPI, BKSI, BBSI, SANI, WRA, CMAR, ASAR, MKAR, ZALV, KURBB, etc.

ICC 28 17:45:04.0-0.8,1.25S;120.62E, h0km, mb3.7/9, mbmp3.7/10, ML3.7/11, MS3.4/1, Error ellipse: s-maj=44.9km s-min=15.6km az=66.0

ICC 28 17:45:05.2-0.8,1.25S;0.09E;120.7E;0.2, h10km, n11, r112/12, mb3.8/9, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAPI, WRA, ASAR, CMAR, STKA, MKAR, KSRs, ZALV, KURBB, BVAR, ILAR, etc.

DJA 28 17:54:44.9-0.3,0.0'S;3.3'x11.9'E, h10km, M4.2/13, mb4.4/3, mb5.4/1, MLV4.1/13, Mw(mb)4.8/1

ICC 28 17:54:47.1-1.4,1.64N;122.67E, h0km, mb3.3/4, mbmp3.3/4, Error ellipse: s-maj=308.9km s-min=23.5km az=6.0

ICC 28 17:54:45.3-1.0,0.01S;0.09E;119.37E;0.07, h10km, n17, r1853/17, mb3.3/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MPSI, SGKI, APSI, MRSI, BKSI, LUWI, GTOI, PMSI, BNSI, KMSI, KAPI, KAPI, KAPI, etc.

ICC 28 18:06:50.1-2.3,16.38S;173.56W, h0km, mb3.9/4, mbmp3.9/4, Error ellipse: s-maj=56.3km s-min=41.5km az=50.0, Tonga Islands

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

ICC 28 18:16:52.1-1.3,1.26S;119.97E, h0km, mb3.2/4, mbmp3.7/7, ML3.1/1, Error ellipse: s-maj=68.2km s-min=20.7km az=69.0, Sulawesi

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

ICC 28 18:18:37.6-0.9,1.08S;136.78E, h0km, mb3.9/11, mbmp3.9/12, ML3.7/1, Error ellipse: s-maj=42.6km s-min=16.6km az=83.0

NEIC 28 18:43:5-1.1,1.22S;0.08E;136.3E;0.1, h32km, 8km, mb4.0/11, Error ellipse: s-maj=18.6km s-min=9.0km az=119.0

ICC 28 18:41:10.6-1.0,1.12S;0.08E;136.4E;0.1, h25km, n32, r181/23, mb3.9/13, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FAKI, MTN, COEN, KNRA, GUMO, WBO, WRAB, WRA, etc.

MYLDM, Lahad Datu, 18.95 289 P P, 18 22 57.5 -3.1, FITZ, Fitzroy Crossi, 19.22 171 P P, 18 22 07.8 -3.3, CTAO, Charters Tower, 21.27 154 P P, 18 23 55.5 +0.8, CTAO, 21.27 154 Iamb Iamb, 18 23 48.4

AS31, Alice Springs, 22.55 186 P P, 18 23 39.7 +0.2, AS31, 22.55 186 Iamb Iamb, 18 23 46.3

ASAR, Alice Springs, 22.55 186 P P, 18 23 38.8 -0.7, ASAR, Alice Springs, 22.55 186 P P, 18 23 39.8 +0.2

STKA, Stephens Creek, 30.98 171 P P, 18 24 56.2 -0.4, H11S3, WAKE ISLAND Hy 35.58 55 T T, 19 03 03.7, H11S2, WAKE ISLAND Hy 35.58 55 T T, 19 03 04.5, H11S1, WAKE ISLAND Hy 35.58 55 T T, 19 03 05.3

MJAR, Matushiro Arr, 37.50 2 P P, 18 25 52.8 -0.2, CMAR, Chiang Mai Arr, 28.98 314 P P, 17 51 05.3 0.0

MLZ, Mavora Lakes, 52.17 152 P P, 18 27 50.3 +0.6, SONMI, Songino Array, 55.32 336 P P, 18 28 12.6 -0.2

MK31, Makanchi Array, 56.98 330 P P, 17 43 56.9 -1.2, MKAR, Makanchi Array, 56.98 330 P P, 17 43 57.0 -1.1, MKAR, Makanchi Array, 56.98 330 P P, 17 43 59.9 +1.9

ZAAO, Zalesovo Beam, 61.06 337 P P, 17 44 25.4 -0.7, ZALV, Zalesovo Beam, 61.06 337 P P, 17 44 26.8 +0.7

ZALV, Zalesovo Beam, 61.06 337 P P, 17 44 26.8 +0.7, KURBB, Kurchatov Arra, 61.50 331 P P, 17 44 29.3 +0.7

PETK, Petropavlovsk, 61.74 25 P P, 17 44 31.7 +0.9, BVAR, Borovoye Array, 66.86 330 P P, 17 45 05.3 +0.9

ABKAR, Akbulak array, 70.77 323 P P, 17 45 26.1 -2.7, ABKAR, Akbulak array, 70.77 323 P P, 17 45 25.9 -3.0, ABKAR, 70.77 323 Iamb Iamb, 17 46 10.1

ICC 28 18:21:33.8-1.1,0.02S;119.87E, h0km, mb3.7/6, mbmp3.7/7, ML3.1/1, MS3.5/2, Error ellipse: s-maj=72.4km s-min=18.6km az=69.0

DJA 28 18:21:42.5-2.2,0.0'N;4.2'x12.0'E, h12km, 19km, M4.3/12, mb4.3/2, MLV4.3/12

ICC 28 18:21:39.0-0.8,0.05S;0.06E;119.91E;0.04, h32km, n19, r282/19, mb3.7/6, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like APSI, MRSI, SGKI, SMKI, LUWI, GTOI, PMSI, KMSI, ENSI, KAPI, KAPI, KAPI, etc.

KAPI, 1.9nm,0.3s,baz=92,slow=22,SNR=1.2

KAPI, 4.7nm,0.3s,comp=Z,258nm,18.7s,baz=71,slow=45

MYLDM, Lahad Datu, 27.9m,0.8s,5.39 345 P P, 18 22 54.2 +2.0

SANI, Sanana, 6.39 108 P P, 18 23 14.5 +3.5, WRA, Warrung Arr, 24.30 145 P P, 18 26 54.4 +0.6

ASAR, Alice Springs, 27.12 151 P P, 18 27 19.7 +0.4, KLR, Kul'dur, 50.14 10 LR, 18 50 59.8

MKAR, Makanchi Array, 57.08 330 P P, 18 31 22.4 +0.2, ZALV, Zalesovo Beam, 61.12 337 P P, 18 31 48.3 -1.8

KURBB, Kurchatov Arra, 61.50 331 P P, 18 31 52.4 -0.3, GQSPA, South Pole Qui, 89.88 180 P P, 18 34 33.6 -1.1

ICC 28 18:40:40.0-2.2,4.91S;128.96E, h0km, mb3.3/1, mbmp3.7/3, ML3.8/2, MS3.4/1, Error ellipse: s-maj=123.7km s-min=31.2km az=68.0, Banda Sea

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

28d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like KMBO Kilima Mbogo, MBAR Mbarara, LBTB Lobatse, etc.

NEIC 28 19:38:06.41.18.187S:0.1x179.6E:0.1, h1656km, 8km, mb4.5/42, Error ellipse: s-maj=19.5km s-min=16.7km az=99.0

IDC 28 19:38:07.41.17.67S:179.26E, h662km, 13km, mb3.1/10, mbtmp4.0/11, Error ellipse: s-maj=17.5km s-min=13.8km az=139.0

NOU 28 19:38:12.3.19.54S:178.95E, h588km, mb4.2/12, South of Fiji Islands

ISC 28 19:38:06.0.0.5.1876S:0.09x179.50E:0.09, h650km, c215.0, 0.999/106, mb4.3/32, 4D, Fiji Islands

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

2018 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like PETK Petropavlovsk, NVAR Mina Array, BELA Belgrade, etc.

IDC 28 19:41:05.8.3.1.875S:108.77E, h0km, mb3.8/4, mbtmp3.8/4, MS4.0/1, Error ellipse: s-maj=165.9km s-min=28.8km az=50.0

DJA 28 19:41:07.0.5.9.5.5x10.9E, h10km, M3.9/12, MLV3.9/12

ISC 28 19:41:09.9.1.1.825S:0.1x108.65E:0.06, h10km, n22, c215/118, mb3.5/4, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like CMJI Cimerak, KPJI Karang Pucung, BBJI Bungbung, etc.

IDC 28 19:42:47.7.1.2.25S:120.45E, h0km, mb3.8/5, mbtmp3.8/6, ML3.7/1, Error ellipse: s-maj=70.3km s-min=20.5km az=64.0

ISC 28 19:42:49.4.1.3.1.45S:0.2x120.3E:0.3, h10km, n6, c1942/6, mb3.6/5, Sulawesi

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

1856

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, etc.

IDC 28 20:02:50.0.0.0.8.1.28S:120.59E, h0km, mb4.0/8, mbtmp4.0/9, ML4.1/1, MS3.6/2, Error ellipse: s-maj=48.9km s-min=14.6km az=65.0

DJA 28 20:02:52.8.2.9.1.42S:0.0x120.41E:0.06, h10km, 1km, mb4.3/17, Error ellipse: s-maj=11.1km s-min=3.9km az=73.0

ISC 28 20:02:53.0.5.1.33S:0.05x120.49E:0.06, h23km, n47, c1938/48, mb4.2/15, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like APSI Ampana, MPSI Mapaga, LUWI Luwuk, etc.

28d 20h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DAVA Damuels, SONMI Songlino Array, FINES FINESS Array B, HFS Hagfors, ARCES ARCESS Array B, etc.

IDC 28.20:34:50.0.0.8, 1.16S, 120.43E, h0km, mb4.0/9, mbmp4.0/10, ML3.8/1, MS3.7/6, Error ellipse: s-maj=56.8km s-min=14.5km az=62.0 NEIC 28.20:34:51.0.1.1, 1.37S, 0.06x120.20E, h10km, 1km, mb4.4/15, Error ellipse: s-maj=10.7km s-min=10.4km az=208.0

DJA 28.20:34:52.7.0.2, 1.1S, 2.12E, h10km, M4.6/18, mb4.6/11, mb4.9/11, ML4.6/18, MW(mB)4.2/1, ISC 28.20:34:51.3.0.5, 1.36S, 0.05x120.18E, h10km, n66, r193/59, mb4.4/21, MS3.7/6, Sulawesi

Main table of station data for the 28d 20h period, including stations like APSI Ampaña, PMSI Mapaga, MPMI Majene, etc., with their respective coordinates and operational status.

2017 SEP

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

UCR 28.20:39:07.4.1.4, 3.79N, 83.03W, h20km, 999km, MW4.0 IDC 28.20:39:09.2.1.2, 3.95N, 82.50W, h0km, mb3.9/7, mbmp4.0/8, ML4.5/1, MS3.5/14, Error ellipse: s-maj=54.4km s-min=20.9km az=53.0 NEIC 28.20:39:09.5.2.8, 3.93N, 0.07x82.7W, 0.1, h10km, 2km, mb4.3/18, Error ellipse: s-maj=20.7km s-min=3.0km az=237.0

RSNC 28.20:39:10.9.0.4, 4.1N, 3.8W, h0km, 71.3, mb4.9, mb5.1, ML3.6, MW(mB)4.4 UPA 28.20:39:14.2.2.0, 4.44N, 82.82W, h0km, 71.3, MW4.6 ISC 28.20:39:09.4.0.6, 3.89N, 0.05x82.72W, 0.06, h14km, n111, e240/124, mb4.3/14, MS3.6/9, 1C-2D, South of Panam

Main table of station data for the 2017 SEP period, including stations like CACAO El Cacao, Vera, GMAL Guarmal, Vera, PIRO Carate, Puerto, etc., with their respective coordinates and operational status.

1858

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SDV Santo Domingo, BAUV El Bau, TEIG Tepich, etc.

com-p=Z, 661nm, 19.0s, baz=339, slow=37, 13.00 67 LR LR 20 46 58.1 comp=Z, 2.0nm, 0.8s, baz=147, slow=5.7, SNR=16 20 45 16.1 -0.8 21 14 58.1

com-p=Z, 137nm, 20.3s, baz=310, slow=41, comp=Z, 5.4nm, 0.6s, baz=274, 153 LR LR 20 44 53.3 0.0 27.24 134 P P 20 44 57 05.5

Main table of station data for the 1858 period, including stations like APSI Ampaña, PMSI Majene, MPMI Marisa, etc., with their respective coordinates and operational status.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, FORT Forrest, BBOO Buckleboe, STKA Stephens Creek, CAN Canberra, SONM Songoing Array, PRZ Przeval'sk, MK31 Makanchi Array, MKAR Makanchi Array, MAK2 Makanchi, AAK Ala-Archa, GAR Garm, ZAAO Zalesovo Array, ZALV Zalesovo Beam, KKAR Karatay Array, KURB Kurchatov Arr, BVAR Borovoye Arr, ABKAR Abkulkul array, GBUO Guroymak-BITLI, KBZ Khabaz.

IDC 2820:44:08.1-0.8, 0:37S, 119:60E, h0km, mb4.0/9, mbmp4.0/9, MS3.2/2, Error ellipse: s-maj=45.7km s-min=16.9km az=68.0
NEIC 2820:44:09.3-2.3, 0:22S, 0:06E, 119:85E, 0:06, h10km, 1km, mb4.3/9, Error ellipse: s-maj=10.7km s-min=9.5km az=146.0
ISC 2820:44:09.5-0.7, 0:21S, 0:07E, 119:80E, 0:08, h10km, n26, r130/25, mb4.1/13, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TOL2 Tolitoli, BKB Balikpapan, LUWI Luwuk, KAPI Kappang, MYLD Lahad Datu, FITZ Fitzroy Crossi, WRA Warrunganga Arr, WB2 Warrunganga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, JHJ Hachiojima 2, KRSR Korea Array, LSA Lhasa, SONM Songoing Array, MK31 Makanchi Array, MKAR Makanchi Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, KURB Kurchatov Arr, KURK Kurchatov, YAK Yakuts, MAW Mawson.

IDC 2820:49:04.2-1.5, 0:09N, 119:95E, h0km, mb3.6/5, mbmt3.6/5, MS3.9/1, Error ellipse: s-maj=137.1km s-min=28.1km az=55.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warrunganga Arr, CMAR Chiang Mai Arr, DZM Mont Dzumak, MKAR Makanchi Array, ZALV Zalesovo Beam, KURB Kurchatov Arr, DJA 2821:02:30.2-0.4, 1:33S, 119:95E, h10km, M4.9/12, mb4.7/4, mb5.0/1, MLV5.0/12, Mw(MB)4.2/1, IDC 2821:02:40.1-0.8, 1:30S, 120:32E, h0km, mb3.9/8, mbmp4.0/9, ML4.2/1, Error ellipse: s-maj=50.4km s-min=14.6km az=66.0, NEIC 2821:02:41.5-2.6, 1:49S, 0:05E, 119:75E, 0:06, h10km, 2km, mb4.2/6, Error ellipse: s-maj=12.3km s-min=4.0km az=310.0, ISC 2821:02:41.7-0.7, 1:47S, 0:05E, 119:90E, 0:07, h10km, n31,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AP5I Ampama, PMSI Majene, TOL2 Tolitoli, LUWI Luwuk, BNSI Bone, BKB Balikpapan, KAPI Kappang, WBSI Waikabubak, WRAB Tennant Creek, WRA Warrunganga Arr, WRO Warrunganga Arr, WB2 Warrunganga Arr, AS31 Alice Springs, YOJ Yonaguni Jima, CMAR Chiang Mai Arr, STKA Stephens Creek, SONM Songoing Array, MKAR Makanchi Array, ZALV Zalesovo Beam, KURB Kurchatov Arr.

IDC 2821:03:57.7-0.8, 1:53S, 120:56E, h0km, mb4.1/10, mbmp4.1/11, ML4.2/1, MS3.5/3, Error ellipse: s-maj=37.2km s-min=15.3km az=65.0
NEIC 2821:03:60.1-1.6, 1:72S, 0:06E, 120:25E, 0:06, h10km, 1km, mb4.4/27, Error ellipse: s-maj=10.3km s-min=9.6km az=230.0
ISC 2821:04:01.0-0.5, 1:71S, 0:06E, 120:29E, 0:07, h23km, n47, r083/47, mb4.3/23, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LUWI Luwuk, KAPI Kappang, BKB Balikpapan, MYLD Lahad Datu, SOEI Soe, SBUM Sibiu, FITZ Fitzroy Crossi, IPM Ipoh, WRAB Tennant Creek, WRA Warrunganga Arr, WRO Warrunganga Arr, WB2 Warrunganga Arr, WRA Warrunganga Arr, WRO Warrunganga Arr, ASAR Alice Springs, CM31 Chiang Mai Arr, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai, STKA Stephens Creek, KSAR Wonju Array, MJAR Matsushiro Arr, BJT Baijiatuu, LSA Lhasa, MDJ Mudanjiang, USA0B Ussuriysk Arr, USRK Ussuriysk Arr, KAAM Kaadheedhoo, ULN Ulanbaatar, TARA Tarawa, PRZ Przeval'sk, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, NRN Naryn, MAZ Makanchi, MAZ Makanchi, KBL Kabul, KBL Kabul, AAK Ala-Archa, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BJT Baijiatuu, LSA Lhasa, MDJ Mudanjiang, USA0B Ussuriysk Arr, USRK Ussuriysk Arr, KAAM Kaadheedhoo, ULN Ulanbaatar, TARA Tarawa, PRZ Przeval'sk, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, NRN Naryn, MAZ Makanchi, MAZ Makanchi, KBL Kabul, KBL Kabul, AAK Ala-Archa, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PETK Petropavlovsk, KKAR Karatay Array, KURB Kurchatov Arr, KURK Kurchatov, BVAR Borovoye Arr.

IDC 2821:09:10.9-1.7, 14:17S, 141:62E, h0km, mb3.6/3, mbmp4.0/8, ML4.1/5, MS3.2/3, Error ellipse: s-maj=35.8km s-min=26.0km az=80.0
NEIC 2821:09:10.9-1.7, 14:06S, 0:07E, 141:74E, 0:06, h10km, 2km, mb4.0/5, Error ellipse: s-maj=14.1km s-min=6.6km az=326.0
PRE 2821:09:34.2-0.4, 19:48S, 42:68E, h5km, ML2.9
ISC 2821:09:09.6-0.7, 14:01S, 0:07E, 141:73E, 0:07, h10km, n25, r312/29, mb3.8/4, Mozambique Channel

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ZOMB Zomba, OPO Ambohidratompo, ABPO Ambohimpanom, VOI Vohitsoka, FOMA Nahampoana Res, KIBK Kibawazi, LSZ Lusaka, KMBO Kilima Mbogo, KMBO Kilima Mbogo, KMBO Kilima Mbogo, MUSN Musina, MUSN Musina, MATP Matopo, MATP Matopo, PILG Pilgrimsrest, PILG Pilgrimsrest, LEPH Lephalale, LEPH Lephalale, MBAR Mbarara, MBAR Mbarara, MBAR Mbarara, NWCL Newcastle, NWCL Newcastle, LBTB Lobatse, LBTB Lobatse, LBTB Lobatse, BOSA Boshof, BOSA Boshof, WIN Windhoek, WIN Windhoek, SUR Sutherland, TORD Torodil Arr, TORD Torodil Arr, ESCD Sonseca Array, ESCD Sonseca Array.

NEIC 2821:12:52.0-1.4, 26:9S, 0:167, 33E, 0:09, h10km, 1km, mb4.5/16, Error ellipse: s-maj=20.8km s-min=7.5km az=213.0
IDC 2821:12:53.1-4.2, 26:87S, 67:33E, h0km, mb4.0/6, mbmp4.0/6, MS4.1/2, Error ellipse: s-maj=121.5km s-min=36.2km az=54.0
ISC 2821:12:51.7-0.6, 27:05S, 0:167, 33E, 0:11, h10km, n35, r175/24, mb4.3/13, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ROCAM Rodrigues Isla, H0B51 Diego Garcia H, H0B52 Diego Garcia H, H0B53 Diego Garcia H, H04N2 Crozet Islands, H04N1 Crozet Islands, H04N3 Crozet Islands, LBTB Lobatse, LSZ Lusaka, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, GIRL Giralia, MBAR Mbarara, IPM Ipoh, PBA Port Blair, PBA Port Blair, FITZ Fitzroy Crossi, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, ANAA Sanaa, ANAA Sanaa, LSA Lhasa, WRA Warrunganga Arr, QSPA South Pole Qui.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like QSPA, STKA, MKAR, ABKAR, ZALV, SONM, JNU, KWP, SABO.

IDC 2821-17:03.2.0.8, 1.25S, 119.75E, h0km, mb4.1/11, mbmp4.1/12, ML3.7/1, Error ellipse: s-maj=61.2km s-min=14.9km az=61.0

NEIC 2821-17:05.4.1.7, 1.35S, 0.06x119.52E, h10km, 1km, mb4.4/24, Error ellipse: s-maj=10.2km s-min=10.2km az=127.0

DJA 2821-17:08.2.3.4, 1.3S, 12.0E, h14km, 28km, M4.6/13, mb4.5/9, mb5.1/2, MLV4.6/13, Mw(M)5.2/4

ISC 2821-17:04.8.0.5, 1.36S, 0.05x119.53E, h10km, n56, e1940/55, mb4.3/20, Sulawesi

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations across the region.

IDC 2821-22:32.8.1.4, 1.15S, 120.13E, h0km, mb3.4/4, mbtmp3.4/5, ML3.2/1, Error ellipse: s-maj=77.1km s-min=20.8km az=59.0, Sulawesi

Continuation of station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC.

MOS 2821-23:59.6.0.9, 1.58S, 120.15E, h12km, mb5.1/43, Error ellipse: s-maj=12.4km s-min=5.1km az=118.3

NEIC 2821-24:02.0.1.3, 1.59S, 0.05x120.18E, h10km, 1km, mb5.1/87, Mw(M)5.0/7, Error ellipse: s-maj=9.0km s-min=8.6km az=226.0

DJA 2821-24:02.0.1.2, 2.9S, 12.0E, h10km, M5.1/50, Mw(M)5.2/4, Error ellipse: s-maj=10.2km s-min=10.2km az=127.0

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations across the region.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations across the region.

28d 21h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations like ASUD, WHFO, BVAR, etc.

2018 SEP

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like AK14, FINES, BOLSA, etc.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like SMGM, FOCM, BLCB, etc.

28d 22h

Table with columns: TOO, Toolangi, 42.49 150, P, P, 22 25 45.7 -0.4, 22 25 50.1, HHC, Hu-ho-hao-te, 43.19 350, eP, P, 22 25 53.8 +2.0, HHC, 45.11 338, eP, P, 22 26 08.5 +1.2, MDJ, Mudanjiang, 46.96 9, P, P, 22 26 24.8 +3.2, MDJ, 46.99 12, P, P, 22 26 20.9 -0.9, USRK, 46.99 12, P, P, 22 26 24.2 +2.4, ONTNC, Ouen Toro, 49.27 118, P, P, 22 26 39.4 -0.4, PINNC, Pines Island, 50.23 118, P, P, 22 26 47.0 -0.2, SOLNR, Songino Array, 50.30 348, P, P, 22 26 52.5 +0.5, SLMR, Kul du lu, 51.10 348, P, P, 22 26 59.0 +0.6, HEH, HeiHe, 52.22 6, eP, P, 22 27 04.3 +2.7, KSH, Kashi, 57.75 320, P, P, 22 27 42.0 0.0, ROCAM, Rodriguez Isla, 58.35 248, P, P, 22 27 46.0 -0.4, MK31, Makanchi Array, 58.76 330, P, P, 22 27 49.0 +0.1, MKAR, Makanchi Array, 58.76 330, P, P, 22 27 48.8 0.0, NNR, Naryn, 58.83 322, P, P, 22 27 49.0 -0.8, MAZK, Makanchi, 58.82 330, P, P, 22 27 49.4 +0.6, KBL, Kabul, 60.06 312, P, P, 22 27 56.7 -1.6, INPZ, Inchbonnie, 61.13 139, P, P, 22 28 03.5 -1.7, RPO, Rata Peaks, 61.34 140, P, P, 22 28 06.5 0.0, CHGR, ChuYangarong, 61.84 316, P, P, 22 28 09.4 -0.8, SIMJ, Simiganj, 61.95 316, P, P, 22 28 09.5 -1.4, ZAAO, Zalesovo Array, 62.87 337, P, P, 22 28 16.1 -0.5, ZALV, Zalesovo Beam, 62.87 337, P, P, 22 28 16.6 0.0, KAR, Karatay Array, 63.15 321, P, P, 22 28 17.6 -1.2, KURB, Kurchatov Arra, 63.15 332, P, P, 22 28 17.4 -1.4, KURK, Kurchatov, 63.21 332, P, P, 22 28 18.2 -0.7, PAF, Port-aux-Franc, 63.68 214, P, P, 22 28 20.6 -1.4, CASY, Casey, 64.71 184, P, P, 22 28 28.2 -0.4, BVAR, Borovoye Array, 66.64 330, P, P, 22 28 53.2 -0.7, JOHN, Johnston Island, 71.62 72, P, P, 22 29 11.7 -1.1, ABKAR, Akbulak array, 72.50 323, P, P, 22 29 16.9 -0.6, GURO, Guromayk-BITLL, 81.92 309, P, P, 22 30 09.9 -1.0, LVA, Lava Point, 81.98 35, P, P, 22 30 10.0 -0.6, XMAS, Kiritimat, 82.37 88, P, P, 22 30 11.7 -1.8, K13K, Kusilvak Mount, 84.60 27, P, P, 22 30 24.4 +0.4

IDC 28-22:22:33.0±0.2, 10.733N-165.09E, h0km, mb3.9/4, mbtmp4.0/5, ML4.4/1, MS3.9/4, Error ellipse: s-maj=63.0km s-min=31.6km az=80.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, HNR, Honiara, 5.22 284, LR, 22 25 15.9, DZM, Mt Dzumak, 11.35 174, Pn, 22 25 17.9 +1.2, DZM, 0.5nm, 0.3s, baz=317, slow=12, SNR=38, 22 25 17.4 -0.3, DZM, 0.5nm, 0.3s, baz=348, slow=20, SNR=1.8, 22 28 36.3, CTA, Charters Tower, 20.38 241, LR, 22 33 56.4, H1S2, WAKE ISLAND Hy 29 08 3, T, 22 58 40.3, H1S3, WAKE ISLAND Hy 29 08 3, T, 22 58 42.4, H1S1, WAKE ISLAND Hy 29 10 3, T, 22 58 42.4, STKA, Stephens Creek, 30.23 222, LR, 22 39 08.9, H1N1, WAKE ISLAND Hy 30 30 3, T, 23 00 08.5, H1N3, WAKE ISLAND Hy 30 31 3, T, 23 00 11.9, H1N2, WAKE ISLAND Hy 30 32 3, T, 23 00 08.4, WRA, Warramunga Arr, 30.99 249, P, 22 28 58.4 0.0, ASAR, Alice Springs, 32.36 242, P, 22 29 04.1 -0.4, NWAO, Narogin (SRO), 49.10 236, LR, 22 51 33.8, CMAR, Chiang Mai Arr, 71.39 294, P, 22 33 56.5 +0.9, MKAR, Makanchi Array, 92.85 317, P, 22 35 46.8 -1.0

NEIC 28-22:24:58.8±1.7, 36.21N±0.01±98.93W±0.02, h6km, 5km, mb_Lg2.3/26, ML2.8/25, ML2.9, Error ellipse: s-maj=2.1km s-min=1.7km az=110.0, NEIC 28-22:24:59.5±1.9, 36.209N±0.010±98.91W±0.01, h5km, 1km, Error ellipse: s-maj=3.0km s-min=2.2km az=343.0, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, OK038, West end E0370, 0.30 27, P, 22 25 05.3 +0.9, OK038, 0.7nm, 0.5s, baz=77, slow=8.9, SNR=13, 22 25 10.3 -1.4, NOKA, Waynoka, 0.42 358, P, 22 25 07.5 +0.8, NOKA, 0.5nm, 0.3s, baz=127, slow=3.1, SNR=4.9, 22 25 13.8 -1.4, NOKA, 0.5nm, 0.3s, baz=81, slow=8.6, SNR=5.3, 22 25 14.2, NOKA, 0.7nm, 0.6s, baz=64, slow=10, SNR=11, 22 25 15.4, ELIS, Ellis County, 0.43 251, P, 22 25 07.6 +0.8, ELIS, 0.5nm, 0.3s, baz=127, slow=3.1, SNR=4.9, 22 25 14.2 -1.3, CSTR, Hydro, Custer, 0.59 162, P, 22 25 18.8 -1.2, CROK, Carrier, 0.81 68, P, 22 25 14.4 +0.4

2018 SEP

Table with columns: CROK, Grant County #, 1.06 53, Pg, 22 25 25.5 -0.7, KAN14, Manchester OK, 1.07 45, P, 22 25 27.8, KAN14, 0.5nm, 0.7s, baz=57, slow=10, SNR=4.8, 22 25 18.0 +0.1, KAN14, 0.2nm, 1.0s, baz=60, slow=8.4, SNR=7.0, 22 25 34.8, KAN14, 0.5nm, 0.7s, baz=57, slow=10, SNR=4.8, 22 25 34.8, KAN17, Catskill West, 1.24 48, P, 22 25 21.8 -0.6, OK029, Liberty Lake, 1.25 109, P, 22 25 20.0 -0.5, OK029, 0.5nm, 0.7s, baz=57, slow=10, SNR=4.8, 22 25 39.7, OK029, 0.5nm, 0.7s, baz=57, slow=10, SNR=4.8, 22 25 39.8, KAN08, Anthony Ne Sta, 1.27 36, P, 22 25 22.4 -0.4, KAN08, Leonard, 1.79 91, P, 22 25 43.0, KAN08, E 265nm, 1.0s, 22 25 45.6, KAN01, Argonia South, 1.32 44, Pn, 22 25 23.4 -0.3, ADOK, Arcadia Dam, 1.37 113, Pn, 22 25 24.1 -0.1, KAN09, Caldwell North, 1.39 48, Pn, 22 25 24.6 +0.1, KAN13, South Haven SW, 1.41 55, Pn, 22 25 24.9 +0.1, OK029, OKLAHOMA CITY, 1.44 129, Pn, 22 25 24.9 +0.1, WMOK, Wichita Mouth, 1.47 176, Pn, 22 25 24.9 -0.8, SMWD, Samnorwood, 1.54 225, Pn, 22 25 27.0 +0.3, FNO, Franklin, 1.56 127, Pn, 22 25 27.0 +0.2, OK048, Pawnee Station, 1.60 82, Pn, 22 25 28.1 -0.5, OK031, S. Brethren Rd, 1.70 98, P, 22 25 28.8 0.0, OK051, E0350 and S346, 1.70 79, Pn, 22 25 29.4 +0.6, OK052, Battle Ridge R, 1.72 97, Pn, 22 25 29.6 +0.5, QUOK, Quay, 1.78 91, Pn, 22 25 30.4 +0.4, X3A4, Smith Ranch, M, 1.83 151, Pn, 22 25 31.1 +0.5, DEOK, Depew, 1.99 100, Pn, 22 25 31.3 +0.3, T35A, Sooner Cattle, 2.06 69, Pn, 22 25 32.4 -1.4, R32A, Long Quarter, 2.21 4, Pn, 22 25 34.0 -0.2, WFTS, Wichita Falls, 2.46 171, Pn, 22 25 38.5 -0.8, TULS, Tulsa, 2.55 96, Pn, 22 25 39.0 -0.6, AMTK, Amarillo, 2.62 240, Pn, 22 25 41.0 -0.5, LMOX, Love County, 2.63 147, Pn, 22 25 41.3 -0.3, CBKS, Cedar Bluff, 2.68 346, Pn, 22 25 42.1 -0.2, CBKS, 2.68 346, Pn, 22 25 42.1 -0.2, DKNS, Dickens, 3.03 214, Pn, 22 25 47.2 +0.1, ASPERT, Aspermont, 3.04 199, Pn, 22 25 46.2 -1.1, RTBA, Rita Blanca, 3.10 275, Pn, 22 25 46.1 -2.1, RLO, Rose Lookout, 3.15 90, Pn, 22 25 47.5 -1.2, Z35A, Perchaven, San, 3.18 154, Pn, 22 25 48.9 +0.1, FW03, Perrin-Whitt E, 3.24 167, Pn, 22 25 49.3 -1.1, FW03, 3.24 167, Pn, 22 25 49.7, X37A, Clayton, 3.31 118, Pn, 22 25 48.8 -2.2, FW06, Azle, 3.42 160, Pn, 22 25 50.9 -1.5, KSU1, Kansas State U, 3.42 32, Pn, 22 26 56.3, PLPT, Paly Pinto, 3.42 172, Pn, 22 25 49.9 -2.6, SN07, Snider, 3.51 208, Pn, 22 26 58.2, U38A, Gravette, 3.66 85, Iamb_Lg, 22 26 57.1, POST, Post, 3.79 215, Iamb_Lg, 22 27 05.7, HHAR, Hobbs, 4.02 88, Iamb_Lg, 22 27 11.6, MIAR, Mount Ida, 4.67 109, Iamb_Lg, 22 27 37.0, S39A, Bolivar, 4.72 70, Iamb_Lg, 22 27 32.0, ODSA, Odessa, 5.07 218, Iamb_Lg, 22 27 41.1, P38A, Dawn, 5.45 50, Iamb_Lg, 22 27 50.9, JCT, Junction City, 5.76 188, Iamb_Lg, 22 28 09.2

JMA 28-22:27:23.1±0.3, 32.32N±0.8±14.1E±1, h77km, MV3.2/12, E OFF HACHUOJIMA ISLAND, IDC 28-22:34:62.9±3.3, 13N±139.53E, h182km±24km, mb3.4/8, mbtmp3.8/10, Error ellipse: s-maj=56.5km s-min=21.6km

ISC 28-22:22:2.2±0.3, 32.32N±0.2±140.1E±0.5, h128km, n14, ±084/15, mb3.7/8, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, JAOM, Aogashimamukai, 0.32 311, P, 22 27 40.3 +0.1, JAOM, 0.32 311, P, 22 27 53.4 +0.5, JHCJ, Hachiojimakas, 0.84 346, P, 22 27 43.6 +0.1, JHCJ, 0.84 346, P, 22 27 58.6 -1.1, JHJ2, Mitsune, 0.87 347, P, 22 27 43.8 0.0, JHJ2, 0.87 347, P, 22 27 58.6 -1.5, JMYK, Miyake Tsubota, 1.85 347, P, 22 28 19.3 +0.6, MJAR, Matsushiro Arr, 4.54 341, P, 22 28 29.9 +0.8, KLR, Kul'dur, 18.06 342, P, 22 31 22.1 -1.4, ZALV, Zalesovo Beam, 44.43 316, P, 22 35 18.0 -0.3, MKAR, Makanchi Array, 45.85 306, P, 22 35 31.5 0.0, KURBB, Kurchatov Arra, 48.18 311, P, 22 35 49.2 -0.2, WRA, Warramunga Arr, 52.19 187, P, 22 36 32.6 +1.3, BVAR, Borovoye Array, 53.04 315, P, 22 36 25.7 -0.2, ARCES, ARCES Array B, 68.07 340, P, 22 38 08.4 +0.8, FINES, FINES Array B, 72.52 337, P, 22 38 35.1 +0.4, HFS, Hagfors, 77.97 336, P, 22 39 06.7 +0.7

IDC 28-22:28:41.5±1.0, 22.59N±142.91E, h0km, mb3.7/7, mbtmp3.7/7, Error ellipse: s-maj=36.9km s-min=21.8km az=87.0, ISC 28-22:26:46.7±1.0, 22.62N±142.92E±0.3, h35km, n7, ±670/7, mb3.7/7, Volcano Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, WRA, Warramunga Arr, 43.07 192, P, 22 36 43.6 +0.2, ASAR, Alice Springs, 46.78 191, P, 22 37 12.7 -0.3, MKAR, Makanchi Array, 53.93 312, P, 22 38 07.7 +0.8, KURBB, Kurchatov Arra, 56.72 317, P, 22 38 26.9 +0.1, ILAR, Eielson Array, 61.39 27, P, 22 38 58.7 -0.3, NVAR, Mina Arra Bay, 82.80 51, P, 22 41 08.2 +0.4

IDC 28-22:34:51.7±1.8, 5.88S±153.59E, h0km, mb3.8/4, mbtmp3.8/4, Error ellipse: s-maj=64.3km s-min=34.5km az=111.0, ISC 28-22:34:58.1±1.7, 5.8S±153.0E±0.3, h35km, n6, ±2919/6, mb3.8/4, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, WRA, Warramunga Arr, 43.07 192, P, 22 36 43.6 +0.2, ASAR, Alice Springs, 46.78 191, P, 22 37 12.7 -0.3, MKAR, Makanchi Array, 53.93 312, P, 22 38 07.7 +0.8, KURBB, Kurchatov Arra, 56.72 317, P, 22 38 26.9 +0.1, ILAR, Eielson Array, 61.39 27, P, 22 38 58.7 -0.3, NVAR, Mina Arra Bay, 82.80 51, P, 22 41 08.2 +0.4

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Table with columns: MTN, Manton Dam, 22.70 251, P, 22 39 54.9 -2.1, WRA, Warramunga Arr, 22.97 231, P, 22 40 02.3 +2.5, ASAR, Alice Springs, 25.58 242, P, 22 40 25.6 +1.4, ZALV, Zalesovo Beam, 82.12 326, P, 22 47 15.9 +0.8, GSPA, South Pole Qui, 84.15 180, P, 22 47 24.5 -1.1, TORD, Torri Arr, Bea, 150.83 287, PKIpb, PKIkp, 22 54 48.6 -0.1

IDC 28-22:37:04.7±9.7, 2.54S±126.86E, h0km, mb4.2/2, mbtmp4.2/3, ML4.3/1, Error ellipse: s-maj=161.0km s-min=133.9km az=85.0, NEIC 28-22:37:10.7±0.5, 2.63S±0.1±126.9E±0.1, h39km, 11km, mb4.3/14, Error ellipse: s-maj=18.3km s-min=13.1km az=59.0, ISC 28-22:37:09.8±0.8, 2.65S±0.1±126.8E±0.1, h35km, n23, ±083/22, mb4.4/5, Ceram Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, LUUV, Luuvik, 4.33 291, Pn, 22 38 13.9 +0.7, MTN, Manton Dam, 11.05 158, Pn, 22 39 44.3 -1.1, KDU, Kakadu, 11.49 191, Pn, 22 40 02.2 +8.7, WBO, Warramunga Arr, 18.61 157, P, 22 41 24.6 -0.3, WRAB, Tennant Creek, 18.75 157, P, 22 41 26.1 -0.4, WRA, Warramunga Arr, 18.75 158, P, 22 41 25.9 0.0, WRA, Warramunga Arr, 18.75 158, P, 22 41 26.1 -0.5, WB2, Warramunga Arr, 18.75 157, P, 22 41 26.5 0.0, WR0, Warramunga Arr, 18.84 157, P, 22 41 26.9 +0.4, COEN, Coen, 19.71 126, Iamb, 22 42 08.3, COEN, 19.71 126, Pn, 22 41 40.7 +2.6, MBWA, Marble Bar, 19.71 200, Iamb, 22 41 37.9 -0.1, QIS, Mount Isa, 21.78 146, P, 22 42 00.1 +1.3, AS31, Alice Springs, 22.05 162, P, 22 42 01.8 +0.1, ASAR, Alice Springs, 22.05 162, P, 22 42 01.6 0.0, AS01, Alice Springs, 22.05 162, P, 22 42 01.9 +0.1, BBOO, Buclebio, 28.55 8, P, 22 43 02.4 -0.1, STKA, Stephens Creek, 32.29 156, P, 22 43 35.1 -0.3, STKA, Stephens Creek, 32.29 156, P, 22 43 35.0 -0.4, CAN, Canberra, 38.53 150, P, 22 44 28.7 -0.4, I7K, Anvik River, 84.53 26, P, 22 49 38.4 -0.6, I7K, Unalakleet, 84.67 25, P, 22 49 38.4 -1.2

KRNET 28-22:40:13.8±0.1, 41.42N±74.68E, h24km, mb3.8, KNET 28-22:40:13.8±0.6, 41.43N±74.65E, h11km, 4km, ml3.3, Error ellipse: s-maj=5.4km s-min=3.0km az=8-0, IDC 28-22:40:14.7±1.6, 41.55N±74.03E, h0km, mb3.7/1, mbtmp3.4/5, ML2.7/4, MS3.5/1, Error ellipse: s-maj=28.8km s-min=14.0km az=122.0, SOME 28-22:40:14.6, 41.40N±74.78E, h5km, NNC 28-22:40:14.8±1.0, 41.42N±74.68E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=7.0km s-min=4.2km az=5.0, ISC 28-22:40:14.2±1.1, 41.43N±0.02±74.60E±0.02, h8km±9km, n9, ±150/155, 52C-31D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ARLS, Aral, 0.48 334, P, 22 40 23.7 +0.2, ARLS, 0.48 334, P, 22 40 31.1 -1.2, UCH, Uchter, 0.80 355, P, 22 40 29.8 +0.1, UCH, 0.80 355, P, 22 40 42.2 +0.4, AML, Almayashu, 0.97 316, P, 22 40 33.1 -0.6, AML, 0.97 316, P, 22 40 48.0 -0.8, AML, 0.97 316, P, 22 40 33.0 -0.6, NNRN, Naryn, 1.05 89, P, 22 40 31.5 -2.9, AAK, Ala-Archa, 1.21 356, P, 22 40 37.1 -0.3, AAK, 1.21 356, P, 22 40 54.6 +0.3, AAK, 1.21 356, P, 22 40 37.3 -0.1, AAK, 1.21 356, P, 22 40 37.7 +0.1, AAK, 1.21 356, P, 22 40 54.5 +0.3, AAK, 1.21 356, P, 22 40 36.4 -1.0, ARSB, Arslanbob, 1.22 266, P, 22 40 37.1 -0.6, KBK, Karagaybulak, 1.25 12, P, 22 40 37.7 -0.5, KBK, 1.25 12, P, 22 40 55.2 +0.7, KBK, 1.25 12, P, 22 40 36.8 -1.4, EKS2, 1.37 334, P, 22 40 45.0 -0.1, FRU1, Bishkek, 1.38 1, P, 22 40 39.6 -0.2, BOOM, Boomsyoke usch, 1.45 43, P, 22 40 40.1 -0.9, ULHL, Ulhal, 1.47 56, P, 22 40 40.3 -1.0, ULHL, 1.47 56, P, 22 40 59.5 -1.4, ULHL, 1.47 56, P, 22 40 40.0 -1.2, CHMS, Chuysh, 1.57 4, P, 22 40 43.4 -0.1

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Table with columns: CHMS, 335nm, 0.4s, 1.57, 4, 4, Sg, 22 41 05.5 +0.8, etc.

2018 SEP

Table with columns: BTK, Batken, 3.19, 246, Pn, 22 41 05.5 +0.8, etc.

28d 23h

Table with columns: TEIG, Tepich, 39.73, 277, LR, 22 41 05.5 +0.8, etc.

ICD 28 23:03:08.4:1.4, 1.02S:120:33E, h0km, mb3.6/4, mbmp3.6/6, ML3.7/1, Error ellipse: s-maj=74.3km

ICD 28 23:03:08.9:0.1, 1.27S:0:06:119:94E:0:07, h10km, n16, c212/15, mb3.4/4, Sulawesi

29d Oh

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

IDC 28 23:17:13.4,3.6,2.41S:139.99E, h0km, mb3.6/2, mbmp3.8/3, ML3.9/1, Error ellipse: s-maj=126.6km s-min=30.6km az=87.0, Near north coast of Irian Jaya

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

IDC 28 23:21:26.9,1.0,3.0:42S:120.55E, h0km, mb3.6/4, mbmp3.6/5, ML3.4/1, Error ellipse: s-maj=76.4km s-min=21.7km az=65.0

DJA 28 23:21:29.5,0.3,1.3:3.3:12.0E, h10km, M3.9/13, mb4.0/2, mB5.5/4, MLV3.8/13, MwM5.0/1

ISC 28 23:21:29.0,1.0,0.6:35S:119.92E:0.06, h10km, n16, r123/16, mb3.6/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPSI Mapaga, APSI Ampana, MRSI Marisa, etc.

IDC 28 23:29:34.1,0.8,1.1:2S:120.41E, h0km, mb4.1/8, mbmp4.1/9, ML3.9/1, MS3.6/12, Error ellipse: s-maj=63.3km s-min=14.8km az=62.0

NEIC 28 23:29:35.3,1.3,1.26S:0.04:120.15E:0.05, h10km, n1km, mb4.4/25, Error ellipse: s-maj=9.9km s-min=3.5km az=51.0

DJA 28 23:29:37.0,0.2,1.1:2.2:12.0E, h10km, M4.7/19, mB5.5/3, mb4.8/7, MLV4.6/19, MwM5.0/3

ISC 28 23:29:35.1,0.5,1.26S:0.05:120.11E:0.05, h10km, n73, r146/63, mb4.3/18, MS3.7/12, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPSI Mapaga, APSI Ampana, MRSI Marisa, etc.

IDC 28 23:44:36.0,1.2,16.2S:0.3:176.2W:0.1, h391km, n19km, mb4.0/11, Error ellipse: s-maj=44.2km s-min=9.1km az=158.0

IDC 28 23:44:42.5,7.1,1.6:72S:176.84W, h407km, n32km, mb3.3/5, mbmp4.0/6, Error ellipse: s-maj=109.4km s-min=27.5km az=43.0

ISC 28 23:44:35.6,1.1,16.1S:0.2:176.3W:0.1, h382km, n20, r118/20, mb3.8/12, Fiji Islands region

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

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

ISC 28 00:11:13.3,0.8,23.4S:0.2:115.2W:0.3, h10km, n47, r076/18, mb4.0/9, MS3.9/22, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

ISC 28 00:11:13.3,0.8,23.4S:0.2:115.2W:0.3, h10km, n47, r076/18, mb4.0/9, MS3.9/22, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RPV Rapa Nui, H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

2018 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KLR Kul'dur, MK31 Makanchi Array, MKAR Makanchi Array, etc.

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

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

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ABKAR Akbulak array, MKUR Kurchatov, KURB Kurchatov, etc.

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPSI Mapaga, SMKI Samarinda, LUWI Luwuk, etc.

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMRC Santa Marta, SMKI Samarinda, URUC Uribia, etc.

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PTBC Puerto Berrio, RUSC La Rusia, RUSC La Rusia, etc.

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SDDR Pres de Saban, GUY2C Guayana, GUY2C Guayana, etc.

IDC 28 23:47:11.2,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMKI Samarinda, APSI Ampana, GTOI Gorontalo, etc.

IDC 29 00:00:19.8,1.0,1.42S:120.64E, h0km, mb3.7/7, mbmp3.7/8, ML3.8/1, MS3.2/1, Error ellipse: s-maj=60.6km s-min=17.4km az=62.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APSI Ampana, PMSI Majene, LUWI Luwuk, etc.

IDC 29 00:00:22.3,0.8,1.60S:0.06:120.37E:0.06, h10km, n18, r183/19, mb3.8/7, Sulawesi

IDC 29 00:00:22.3,0.8,1.60S:0.06:120.37E:0.06, h10km, n18, r183/19, mb3.8/7, Sulawesi

IDC 29 00:00:22.3,0.8,1.60S:0.06:120.37E:0.06, h10km, n18, r183/19, mb3.8/7, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APSI Ampana, PMSI Majene, LUWI Luwuk, etc.

IDC 29 00:00:14.6,1.4,0.58N:121.71E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=367.1km s-min=24.1km az=62.0

DJA 29 00:00:17.5,0.4,0.5:3.3:12.0E, h10km, M3.9/9, mb4.2/2, MLV3.8/9

ISC 29 00:05:16.2,0.9,0.45S:0.07:120.12E:0.07, h10km, n13, r146/13, mb3.4/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPSI Mapaga, APSI Ampana, MRSI Marisa, etc.

IDC 29 00:05:16.2,0.9,0.45S:0.07:120.12E:0.07, h10km, n13, r146/13, mb3.4/4, Minahassa Peninsula, Sulawesi

IDC 29 00:05:16.2,0.9,0.45S:0.07:120.12E:0.07, h10km, n13, r146/13, mb3.4/4, Minahassa Peninsula, Sulawesi

IDC 29 00:05:16.2,0.9,0.45S:0.07:120.12E:0.07, h10km, n13, r146/13, mb3.4/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPSI Mapaga, APSI Ampana, MRSI Marisa, etc.

IDC 29 00:06:57.8,2.2,5.35S:151.80E, h0km, mb3.6/4, mbmp3.6/4, Error ellipse: s-maj=108.3km s-min=28.4km az=122.0

ISC 29 00:07:03.8,2.1,5.5S:0.5:151.9E:0.5, h45km, n6, r055/46, mb3.6/4, New Britain region

ISC 29 00:07:03.8,2.1,5.5S:0.5:151.9E:0.5, h45km, n6, r055/46, mb3.6/4, New Britain region

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

IDC 29 00:11:12.0,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

ISC 29 00:11:13.3,0.8,23.4S:0.2:115.2W:0.3, h10km, n47, r076/18, mb4.0/9, MS3.9/22, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RPV Rapa Nui, H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

IDC 29 00:11:12.0,0.8,23.47S:115.17W, h0km, mb3.7/6, mbmp3.7/6, MS3.9/23, Error ellipse: s-maj=41.8km s-min=24.1km az=85.0

Table with columns: TXAR, SDV, URZ, PCRV, NVAR, RPZ, BDFB, TKL, PDAR, QSPA, GSPA, VNA3, VNA1, VNA2, SNA4, SNA5, TROLL, H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, MAW, FRB, ZALV, CMAR, BRTR, BVAR, KURBB, MKAR, KBZ, etc. Each row contains station name, time, and other parameters.

DJA 29 00:14:03.1-1.6, 0.3S, 12.0E, h10km, 13km, M4.1/10, mb4.3/3, MLV3.9/10, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:18:56.0-0.8, 0.35S, 120.41E, h0km, mb3.8/8, mbmp3.9/9, ML4.2/1, Error ellipse: s-maj=52.4km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

DJA 29 00:19:01.0-0.5, 1.1S, 3.3E, h18km, 4km, M4.4/13, mb4.6/5, MLV4.2/13

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:18:58.7-0.7, 0.46S, 0.05E, 119.99E, 0.06, h10km, n34, c184/34, mb4.0/11, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

TRN 29 00:41:13.3, 15.07N, 60.51W, h30km, MD3.8, North-east of Martintine, Leeward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like ILAM, ILAM, MVM, LPMF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, TOL2, PMSI, SPSI, LUWI, BNSI, BKB, GTOI, KAPI, etc.

IDC 29 00:37:58.5-1.6, 2.39S, 120.85E, h0km, mb3.7/4, mbmp3.7/5, ML3.9/1, Error ellipse: s-maj=40.6km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:38:05.6-1.0, 2.41S, 0.07E, 120.89E, 0.08, h53km, n23, c1975/24, mb3.6/4, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:47:48.1-1.1, 1.39S, 120.37E, h0km, mb3.6/6, mbmp3.6/7, ML3.6/1, Error ellipse: s-maj=70.2km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:47:52.0-0.3, 1.48S, 0.07E, 120.28E, 0.08, h10km, n19, c1820/20, mb3.8/5, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

TRN 29 00:41:13.3, 15.06N, 60.51W, h30km, MD3.8, North-east of Martintine, Leeward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like ILAM, ILAM, MVM, LPMF, etc.

SOME 29 00:48:41.5, 0.408N, 78.05E, h15km, KRNET 29 00:48:42.6, 0.1, 40.05N, 78.09E, mb4.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:48:43.2-2.6, 0.40N, 77.79E, h0km, mb3.8/4, mbmp3.6/7, ML2.6/3, Error ellipse: s-maj=45.4km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:48:45.2, 0.8, 40.25N, 78.03E, h0km, mb4.5, mpv4.1, Error ellipse: s-maj=5.7km, s-min=4.4km, az=16.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:48:45.1, 0.4, 40.04N, 0.07E, 120.78E, 0.04, h10km, n87, c187/124, mb3.8/4, 2E-26D, South Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

Table with columns: CBE, SVB, SVB, SVT, SVOC, SVOC, BBGH, ANBD, MBWH, MBWH, MBFL, MBFL, GCMP, GCMP, GRHS, GRW, GRGR, TRN. Lists stations and their parameters.

TRN 29 00:44:13.7, 15.07N, 60.52W, h42km, MD3.9, North-east of Martintine, Leeward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like ILAM, ILAM, MVM, LPMF, etc.

IDC 29 00:47:52.0-0.3, 1.48S, 0.07E, 120.28E, 0.08, h10km, n19, c1820/20, mb3.8/5, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:47:48.1-1.1, 1.39S, 120.37E, h0km, mb3.6/6, mbmp3.6/7, ML3.6/1, Error ellipse: s-maj=70.2km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:47:52.0-0.3, 1.48S, 0.07E, 120.28E, 0.08, h10km, n19, c1820/20, mb3.8/5, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:47:52.0-0.3, 1.48S, 0.07E, 120.28E, 0.08, h10km, n19, c1820/20, mb3.8/5, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:47:52.0-0.3, 1.48S, 0.07E, 120.28E, 0.08, h10km, n19, c1820/20, mb3.8/5, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:47:52.0-0.3, 1.48S, 0.07E, 120.28E, 0.08, h10km, n19, c1820/20, mb3.8/5, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:47:52.0-0.3, 1.48S, 0.07E, 120.28E, 0.08, h10km, n19, c1820/20, mb3.8/5, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:47:52.0-0.3, 1.48S, 0.07E, 120.28E, 0.08, h10km, n19, c1820/20, mb3.8/5, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:47:52.0-0.3, 1.48S, 0.07E, 120.28E, 0.08, h10km, n19, c1820/20, mb3.8/5, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

IDC 29 00:47:52.0-0.3, 1.48S, 0.07E, 120.28E, 0.08, h10km, n19, c1820/20, mb3.8/5, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like APSI, MRSI, SKGI, LUWI, etc.

29d 1h

Table with columns: ULHL, Ulahol, SNR, 2.63 328 P, Pb, 00 49 29.1 -1.6, CHMS, Chumysh, SNR=8.4, 3.90 320 P, Pb, 00 49 53.5 +1.1

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, APISI, Ampapa, 1.62 67 P, Op, ISC, h m s, ISC, Pn, 01 00 35.5 -0.7

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, APISI, Ampapa, 1.60 73 P, Op, ISC, h m s, ISC, Pn, 01 15 25.0 -0.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABKAR Akbulak array and MAW Mawson.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek and WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array and ARCES ARCES Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRTR Keskina Array B and MMAI Mount Meron Ar.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array and ZALV Zalesovo Beam.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DUWZ D'Urville Isla and TRWZ Traveller.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like APST Ampana and LUWI Luwuk.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAPI Kappang and BWSI Bulukumba.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array and KURBB Kurchatov Arra.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array and KAPI Kappang.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAPI Kappang and WRA Warramunga Arr.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra and BVAR Borovoye Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBZ Khabaz and ARCES ARCES Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES FINESS Array B and MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNC1 Mount Meron ar and MMB1 Mount Meron ar.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HDMT Nahal Hemdat and HDMT Nahal Hemdat.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WYAZ Wyalkatchem and CARL Carlisle.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NWAO Narragin (SRO) and NWAO Narragin (SRO).

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AUKUL Kulin High Sch and AUKUL Kulin High Sch.

IDC 29 01:43:31.4.1.1, 1:15S, 120:39E, h0km, mb3.7/5, mbtmp3.7/6, ML3.6/1, Error ellipse: s-maj=58.9km

s-min=18.7km az=69.0

DJA 29 01:43:34.6.0.5, 1:5S, 121:0E, h10km, M4.0/9, mb3.9/1, MLV4.0/9

ISC 29 01:43:32.9.0.1, 1:14S, 120:09E, h10km, n14, r1501/14, mb3.7/5, Sulawesi

AUST 29 01:57:26.3.0.3, 1:1S, 121:11E, h0km, ML3.2/11, Error ellipse: s-maj=8.4km s-min=3.7km az=95.7

NOU 29 01:57:26.2.3.1, 1:16S, 118:37E, h0km, MLV3.9/9, Western Australia

CUPWA 29 01:57:28.4.1.1, 31:20S, 116:27E, h4km, gkm, ML3.2, Region: WESTERN AUSTRALIA

ISC 29 01:57:26.9.0.8, 31:18S, 120:04E, h16:36E, 0.04, h8km, n46, r0591/49, Western Australia

IDC 29 01:21:10.8.1.3, 1:30S, 120:39E, h0km, mb3.6/4, mbtmp3.6/5, ML3.3/1, Error ellipse: s-maj=77.7km

s-min=22.2km az=66.0

DJA 29 01:21:14.5.0.5, 1:5S, 121:0E, h10km, M4.0/7, MLV4.0/7

ISC 29 01:21:13.9.1.1, 1:14S, 120:09E, h10km, n12, r1568/12, mb3.6/4, Sulawesi

Code Station Name Az Az' Phase ID Time Res ISC

MECK Meckering 0.71 129 Op ISB 01 57 42.5 +0.9

MECK Meckering 0.71 129 S Pb 01 57 53.0 +1.4

CADX Cadoux 0.78 59 S Pb 01 57 43.8 -0.4

CADX Cadoux 0.78 59 S Sn 01 57 55.4 -0.7

MUN Munding 0.81 189 P Pb 01 57 42.5 0.0

MUN Munding 0.81 189 P Pb 01 57 42.3 -0.1

MUN Munding 0.81 189 S Pb 01 57 40.8 -0.5

MUN Munding 0.81 189 S Sg 01 57 52.6 -0.3

WYAZ Wyalkatchem 0.88 90 P Pb 01 57 45.7 +0.2

CARL Carlisle 0.88 205 P Pb 01 57 44.4 +0.5

KOOS Koos 1.02 70 P Pb 01 57 48.3 +0.7

KOOS Koos 1.02 70 S Pb 01 57 52.2 +1.1

KLOB Kellerberrin 1.26 109 P Pb 01 57 51.3 +0.2

KLOB Kellerberrin 1.26 109 S Pb 01 57 53.7 +0.5

PING Pingelly 1.43 158 S Sg 01 58 13.2 +0.4

PING Pingelly 1.43 158 S Sg 01 57 53.7 +0.5

NWAO Narragin (SRO) 1.90 157 P Pb 01 58 02.2 +0.6

NWAO Narragin (SRO) 1.90 157 S Pb 01 58 05.6 +1.1

NWAO Narragin (SRO) 1.90 157 P Pb 01 58 00.1 +0.6

NWAO Narragin (SRO) 1.90 157 S Pb 01 58 02.2 +0.6

NWAO Narragin (SRO) 1.90 157 SG Sb 01 58 26.6 +1.1

MORW Morawa 2.12 352 P Pb 01 58 03.5 +0.9

MORW Morawa 2.12 352 S Pb 01 58 30.2 +1.0

MORW Morawa 2.12 352 S Pb 01 58 03.5 +0.9

MORW Morawa 2.12 352 S Sn 01 58 30.2 +1.0

AUKUL Kulin High Sch 2.13 135 SG Sg 01 58 04.2 +1.5

AUKUL Lake Muir 0.4 2.16 176 SG Sg 01 58 35.3 0.0

LM04 Lake Muir 0.4 2.16 176 P Pb 01 58 17.0 +0.1

LM03 Lake Muir 0.3 2.12 172 P Pb 01 58 17.6 -0.1

LM01 Lskr Muir 0.1 3.23 174 P Pb 01 58 18.1 +0.2

LM02 Lake Muir 0.2 3.17 176 P Pb 01 58 19.5 +0.5

RKGY Rocky Gully 3.46 172 P Pb 01 58 21.2 +0.1

RKGY Rocky Gully 3.46 172 P Pb 01 58 21.2 +0.1

RKGY Rocky Gully 3.46 172 P Pb 01 58 21.2 +0.1

KMBL Kambalda 4.73 94 P Pb 01 58 38.4 -0.2

KMBL Kambalda 4.73 94 P Pb 01 58 38.4 -0.2

MEEK Meekatharra 4.94 24 P Pb 01 58 41.2 -0.2

MEEK Meekatharra 4.94 24 S Pb 01 58 40.8 -0.5

MEEK Meekatharra 4.94 24 P Pb 01 58 41.2 -0.2

GIRL Giralda 8.71 347 P Pb 01 59 33.6 +0.4

FORT Forrest 10.05 91 P Pb 01 59 50.3 -1.3

FORT Forrest 10.05 91 P Pb 01 59 50.8 -0.8

WRKA Warakurna 12.18 63 P Pb 02 00 01.1 -0.2

WRKA Warakurna 12.18 63 P Pb 02 00 20.4 -0.4

MULG Mulgathing 15.25 91 P Pb 02 00 59.2 -3.3

FITZ Fitzroy Crossi 15.50 35 P Pb 02 01 03.3 -2.6

IDC 29 01:48:18.9.1.6, 1:05S, 126:90E, h0km, mb3.8/8, mbtmp3.8/8, MS3.5/2, Error ellipse: s-maj=173.2km

s-min=21.8km az=70.0

ISC 29 01:42:21.8.1.6, 10:6N, 120:4E, h20km, n10, r1523/8, mb3.7/8, Philippine Islands region

IDC 29 02:11:49.4.1.2, 1:76S, 120:58E, h0km, mb3.5/5, mbtmp3.5/6, ML3.3/1, Error ellipse: s-maj=50.3km

s-min=20.0km az=69.0

DJA 29 02:11:49.4.0.4, 1:5S, 121:0E, h10km, M3.9/10, MLV3.9/10

ISC 29 02:11:50.7.1.1, 1:68S, 120:30E, h10km, n15, r1559/15, mb3.4/5, Sulawesi

Code Station Name Az Az' Phase ID Time Res ISC

APSI Ampana 1.52 60 Op ISB 02 12 18.9 +0.5

MAPA Mapaga 2.05 340 P Pb 02 12 19.6 +0.5

PMSI Majene 2.30 218 P Pb 02 12 27.4 -1.3

SPSI Sidrap Palu 2.34 194 P Pb 02 12 30.7 +1.4

LUWI Luwuk 2.52 76 P Pb 02 12 32.3 +0.5

BNSI Bone 2.71 185 P Pb 02 12 36.7 +2.3

KAPI Kappang 3.36 190 P Pb 02 12 43.3 -0.1

KAPI Kappang 3.36 190 S Sn 02 12 23.6 +0.3

2.5nm, 0.3s, baz=40, slow=21, SNR=1.5

9.5nm, 0.4s

KAPI Kappang 3.36 190 P Pb 02 12 43.9 +0.5

GTOI Gorontalo 3.53 49 P Pb 02 12 46.0 +0.4

BKSI Bulukumba 3.63 183 P Pb 02 12 48.8 +1.8

WRA Warramunga Arr 22.74 144 P Pb 02 16 51.7 -1.6

1.2nm, 0.8s, baz=322, slow=11, SNR=7.0

ASAR Alice Springs 25.51 150 P Pb 02 17 17.3 -2.3

0.5nm, 0.6s, baz=323, slow=8.5, SNR=7.5

STKA Stephens Creek 36.12 148 P Pb 02 18 51.8 -1.3

1.1nm, 0.8s, baz=312, slow=15, SNR=3.3

MKAR Makanchi Array 56.68 330 P Pb 02 21 51.2 +2.7

0.2nm, 0.4s, baz=133, slow=6.3, SNR=2.0

GII 29 01:55:38.5.0.3, 33:852N, 0:003:35:947E:0:001, h1km, Md3.0/6, Mw3.2/7, confirmed

JSO 29 01:55:38.33:94N, 0:003:35:94E:1km, Md3.1/25, Mw3.2/25

GRAL 29 01:55:38.33:94N, 0:003:35:94E:1km, Md3.1/25, Mw3.2/25

ISC 29 01:55:39.8.1.0, 33:88N, 0:003:35:86E:0:04, h8km, gkm, n46, r082/52, Jordan-Syria region

IDC 29 02:13:34.8.37.0, 1:68S, 178:54W, h520km, g2gkm, mb3.3/4, mbtmp4.2/4, Error ellipse: s-maj=293.1km

s-min=37.6km az=43.0, Fiji Islands region

Code Station Name Az Az' Phase ID Time Res ISC

STKA Stephens Creek 36.63 241 Op ISB 02 20 14.1 +0.8

2.0nm, 0.6s, baz=94, slow=14, SNR=5.0

WRA Warramunga Arr 44.55 259 P Pb 02 20 59.3 -1.1

0.8nm, 0.6s, baz=96, slow=7.7, SNR=5.4

ASAR Alice Springs 44.73 254 P Pb 02 21 01.7 -0.1

7.0nm, 0.5s, baz=90, slow=7.9, SNR=11.7

ASAR Alice Springs 44.73 254 P Pb 02 22 33.0 -0.1

0.3nm, 0.4s, baz=94, slow=3, SNR=2.2

ASAR Alice Springs 44.73 254 P Pb 02 22 33.0 -0.1

0.3nm, 0.5s, baz=94, slow=3, SNR=2.2

GSPA Stephens Creek 72.37 180 P Pb 02 24 07.6 0.0

2.8nm, 0.8s, baz=20, slow=2.3, SNR=8.0

IDC 29 02:15:39.8.1.1, 1:15S, 120:44E, h0km, mb3.7/5,

29d 2h

mbtmp3.8/6, ML3.8/1, MS2.9/1, Error ellipse: s-maj=57.9km s-min=18.3km az=70.0 DJA 29 02:15:44.2, 0.1, 'S.3'x12.0E, h10km, M4.1/11, mb4.0/1, ML4.2/11

ISC 29 02:15:42.51.1, 1.22S, 0.07:120.08E:0.08, h10km, n17, e=132/19, mb3.9/5, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like APSI Ampanga, PMSI Majene, LUWI Luluk, etc.

IDC 29 02:17:42.31.3, 32.23N:115.56W, h0km, mb3.9/8, mbtmp3.8/13, ML3.7/5, MS3.7/23, Error ellipse: s-maj=22.5km s-min=10.4km az=43.0 NEIC 29 02:17:46.51.8, 32.39N:103.115:20W:0.03, h25km, 8km, Error ellipse: s-maj=3.9km s-min=3.3km az=167.0

ECX 29 02:17:46.2-0.5, 32.43N:115.21W, h8km, km, MD4.4, ML4.6, Fault plane solution: N1P1, 33.00000, 3.63, 0.00000, 122.00000, 1.15

PAS 29 02:17:46.7, 1.9, 32.35N:103.115:18W:0.03, h29km, 6km, Mw4.4, 4/6, mb4.4/25(NEIC), ML4.4/55(NEIC), Error ellipse: s-maj=4.2km s-min=3.3km az=173.0

MEX 29 02:17:47.1-0.5, 32.44N:115.08W, h13km, 5km, MD5.2

ISC 29 02:17:46.7-0.6, 32.39N:102.115:23W:0.02, h18km, 2km, n200, e=117/21.6, mb4.2/13, MS3.7/18, 23C-42D, California-Baja California border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like MBIG Mexicali, DELX Delta, CCX Cerro Prieto, etc.

2018 SEP

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like IMPPE EDOX, COK2 Cook Ranch 2, YUH2 Yuh Desert, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DSP Deep Springs, SZCU Shurtz Canyon, PKCU Pink Cliffs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ERZM Erzurum, KOPF Kop Dag, BAYE BAYBURT, etc.

29d 02:54:21.7±1.3, 1.32S:120.37E, h0km, mb3.4/4, mbmp3.5/5, ML4.0/1, Error ellipse: s-maj=58.8km s-min=21.0km az=70.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AP5I Ampana, MP5I Mapaga, etc.

DJA 29 03:00:41.5±0.6, 2.5S:120.0E, h10km, M3.9/6, MLV3.9/6, 1987m, 7.7s

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LUWI Luwuk, BKSJ Bulukumba, etc.

JMA 29 04:04:29.2±1.4, 4.7N:15.73E, h30km, MV5.3/18, KURILE ISLANDS REGION

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

DJA 29 03:00:41.5±0.6, 2.5S:120.0E, h10km, M3.9/6, MLV3.9/6, 1987m, 7.7s

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

USRK	Ussuriysk Ar.	14.84 267	P	Pn	04 43 57.9 +0.2
USRK	Ussuriysk Ar.	14.84 267	P	Pn	04 43 58.0 +0.4
SHEM	Shemys Is, Ala	14.84 60	P	P	04 43 57.4 -0.2
SHEM	comp=Z,2.14nm,0.5s,baz=78,slow=14,SNR=26				
SHEN	comp=Z,2.20nm,0.4s,baz=60,slow=4,SNR=4.8			S	04 46 31.5 -9.3
SHEM	comp=Z,7.0nm,0.9s,baz=289,slow=14,SNR=1.8			LR	04 48 53.7
MJAR	Matsushiro Arr	15.08 231	P	Pn	04 43 57.9 -2.9
MJAR	comp=Z,11nm,20.5s,baz=26,slow=35			LR	04 49 26.3
MJB9	Matsu Tunnel	15.08 231	P	Pn	04 43 59.3 -1.5
MAJO	Matsushiro	15.08 231	P	Pn	04 43 58.2 -2.6
MAJO	Matsushiro	15.08 231	P	Pn	04 43 58.0 -2.8
SEY	Seymchan	15.96 359	P	Pn	04 44 12.5 +0.8
SEY	comp=Z,4.8nm,0.3s,baz=174,slow=15,SNR=1			P	04 44 11.7 +0.1
SEY	Seymchan	15.96 359	eP	Pn	04 44 11.7 +0.1
SEY	comp=Z,1.7nm,1.4s			P	04 44 14.4 -1.1
JGF	Kuroka	16.24 231	P	Pn	04 44 17.5 +0.7
MDJ	Mudanjiang	16.36 270	P	Pn	04 44 16.5 -0.3
MDJ	comp=Z,2.0nm,0.9s			P	04 44 26.8 +0.6
HEH	HeiHe	17.07 290	eP	Pn	04 44 26.8 +0.6
BNX	BinXian	17.56 275	P	Pn	04 44 31.3 -0.3
BNX	comp=Z,18nm,1.1s			P	04 44 32.4 +0.6
ZEA	Zeya	17.58 302	eP	P	04 44 33.2 +1.4
ZEA	comp=Z,2.0nm,1.3s			P	04 44 51.5 -0.8
CN2	Changchun	19.44 271	P	Pn	04 44 51.5 -0.8
CN2	comp=Z,3.0nm,0.5s			P	04 44 56.5 -1.5
YAK	Yakutsk	19.99 327	P	P	04 44 56.5 -1.5
YAK	comp=Z,2.4nm,0.3s,baz=107,slow=18,SNR=3.3			LR	04 52 26.1
YAK	comp=Z,14.6nm,21.6s,baz=141,slow=36			LR	04 52 26.1
YAK	Yakutsk	19.99 327	eP	P	04 44 57.2 -0.8
YAK	comp=Z,4.4nm,0.8s			P	04 48 35.4 -2.9
YAK	comp=N,1.2nm,1.0s			P	04 45 06.4 +0.7
YAK	comp=E,11nm,1.1s			P	04 45 06.4 +0.7
YAK	comp=N,157nm,3.2s			P	04 45 06.4 +0.7
YAK	comp=E,5.7nm,2.7s			P	04 45 06.4 +0.7
KSR5	Korea Array	20.68 251	P	P	04 45 06.4 +0.7
KSR5	comp=E,1.3nm,0.5s,baz=34,slow=11,SNR=25			PcP	04 49 12.9 +0.2
KSR5	comp=E,1.1nm,0.6s,baz=12,slow=0.6,SNR=4.3			LR	04 52 30.2
KSR5	comp=E,5.3nm,18.4s,baz=55,slow=35			LR	04 52 30.2
KS19	Wonju Array Si	20.69 252	P	P	04 45 06.5 +0.6
KSAR	Wonju Array Be	20.71 252	P	P	04 45 06.9 +0.8
INCN	Inchon	21.51 253	P	P	04 45 15.9 +1.2
INCN	Inchon	21.51 253	P	P	04 45 15.8 +1.2
JNU	Nakatsue	21.68 238	P	P	04 45 17.1 +0.5
JNU	comp=E,2.3nm,1.1s,baz=66,slow=11,SNR=4.4			LR	04 53 04.9
HIA	Hailar	22.09 288	P	P	04 45 20.9 +0.2
HIA	comp=Z,3.6nm,3.1s			P	04 45 40.3 0.0
DL2	Dalian	24.09 262	P	P	04 45 40.3 0.0
DL2	comp=Z,5.3nm,0.8s			P	04 49 53.5 +1.1
DL2	comp=Z,5.2nm,0.5s			P	04 46 26.0 +1.3
DL2	comp=Z,2.0nm,13.3s			P	04 46 26.1 +1.4
DL2	comp=Z,1.0nm,15.4s			P	04 46 27.0 +0.6
DL2	comp=Z,8.40nm,16.1s			P	04 46 27.1 +0.5
SPIA	Saint Paul Isl	24.57 52	P	P	04 46 27.1 +0.5
P08K	Saint George I	24.87 53	P	P	04 46 28.0 +1.0
NIKH	Nikolski High	25.13 62	P	P	04 46 28.2 +0.8
TIXI	Tiksi	27.16 344	LR	LR	04 46 30.3 +1.4
K13K	Kusil'vak Mount	28.24 43	P	P	04 46 30.3 +1.4
M13K	Dall Lake	28.59 46	P	P	04 57 02.9
J14K	Nanvanak Lak	28.91 41	P	P	04 46 17.8 +0.4
L14K	Kuka Creek	29.05 44	P	P	04 46 21.6 +1.1
L14K	Kuka Creek	29.05 44	P	P	04 46 24.0 +1.3
F15K	North Star Dit	29.25 35	P	P	04 46 26.0 +1.2
G15K	Niukluk	29.27 36	P	P	04 46 27.0 +0.6
M14K	Bethel	29.32 45	P	P	04 46 27.1 +0.5
M14K	comp=Z,50nm,1.4s			IAMB	04 46 28.5 +1.5
M14K	Bethel	29.32 45	P	P	04 47 02.7
N14K	Kuskokwak Cree	29.36 47	P	P	04 46 28.0 +1.0
O14K	Tiguyakuivet M	29.52 49	P	P	04 46 28.2 +0.8
H11N2	WAKE ISLAND Hy	29.55 152	T	T	04 46 30.3 +1.4
H11N1	WAKE ISLAND Hy	29.56 152	T	T	05 18 08.9
H11N3	WAKE ISLAND Hy	29.57 152	T	T	05 18 10.0
L15K	Ungalak Mounta	29.67 44	P	P	05 18 10.2
K15K	Wolf Creek Mout	29.75 42	P	P	04 46 30.5 +0.3
NJ2	Nanjing	29.88 252	eP	P	04 46 31.3 +0.4
NJ2	comp=Z,1.0nm,0.6s			P	04 46 33.1 +1.0
H16K	Elim	29.92 38	P	P	04 46 32.7 +0.4
M15K	Kasigluk River	29.93 46	P	P	04 46 32.7 +0.4
C16K	Lisburne Hills	29.93 30	P	P	04 46 33.3 +0.8
SDPT	Sand Point	29.94 56	P	P	04 46 33.3 +0.9
G16K	Koyuk River	30.07 36	P	P	04 46 33.6 +1.1
HHC	Hu-ho-hao-te	30.07 273	eP	P	04 46 34.0 +0.4
HHC	comp=Z,2.2nm,0.5s			P	04 46 33.5 -0.6
HHC	comp=Z,2.2nm,0.5s			P	04 47 06.0 +5.0
HHC	comp=Z,2.4nm,0.9s			P	04 46 32.7 +0.4
N15K	Kwethluk River	30.18 47	P	P	04 46 33.5 +0.8
N15K	Kwethluk River	30.18 47	P	P	04 46 35.5 +0.8
O15K	Ungalithiuk R	30.25 49	P	P	04 46 35.8 +0.5
J16K	Anvik River	30.34 41	P	P	04 46 36.2 +0.1
S14K	Fog Glacier	30.41 54	P	P	04 46 36.6 -0.2
I17K	Unalakleet	30.41 39	P	P	04 46 36.3 -0.3
CHNA	Chernabura Isl	30.49 57	P	P	04 46 37.4 -0.1
D17K	Noatak River	30.51 32	P	P	04 46 38.0 +0.6
ULN	Ulaanbaatar	30.62 289	eP	P	04 46 37.4 -0.1
ULN	Ulaanbaatar	30.62 289	eP	P	04 46 39.3 +0.4
ULN	comp=Z,9.0nm,2.5s			P	04 46 39.3 +0.4
L16K	Owhat River	30.63 44	P	P	04 46 38.7 +0.1

H11S1	WAKE ISLAND Hy	30.64 153	T	T	05 19 30.2
H11S2	WAKE ISLAND Hy	30.64 153	T	T	05 19 29.6
H11S2	WAKE ISLAND Hy	30.66 153	T	T	05 19 28.0
RD0G	Red Dog Mine	30.69 31	P	P	04 46 39.6 +0.5
C17K	Delong Mountain	30.75 30	P	P	04 46 40.4 +0.8
E17K	Hotham Inlet	30.76 33	P	P	04 46 40.4 +0.6
G17K	Kiwalik Mouna	30.79 36	P	P	04 46 40.5 +0.5
M16K	Timber Creek	30.80 45	P	P	04 46 41.5 +1.3
M16K	Timber Creek	30.80 45	P	P	04 46 58.7
M16K	Nishlik Lake	30.86 46	P	P	04 46 41.4 +0.7
H17K	Granite Mounta	30.96 37	P	P	04 46 42.8 +1.3
J17K	VABM Dome	31.04 41	P	P	04 46 43.2 +1.0
CHGN	Chignik	31.04 54	P	P	04 46 43.2 +0.9
SONM	Sonno Array	31.05 289	P	P	04 46 40.1 -2.6
SONM	comp=Z,2.7nm,0.9s,baz=62,slow=10,SNR=5.4			PcP	04 49 36.0 -0.5
SONM	comp=Z,1.7nm,0.9s,baz=83,slow=3.3,SNR=3.0			LR	04 59 10.2
O16K	Kokwok River B	31.16 48	P	P	04 46 44.5 +1.2
P16K	Nushagak River	31.20 49	P	P	04 46 44.4 +0.8
L17K	Donlin	31.23 43	P	P	04 46 44.9 +1.0
BTO	Baotou	31.23 274	eP	P	04 46 44.5 +0.2
BTO	comp=Z,18nm,0.5s			P	04 47 01.8 -0.5
BTO	comp=Z,2.00nm,19.4s,baz=57,slow=36			P	04 47 11.0 -0.2
BTO	comp=Z,2.76nm,5.3s			P	04 47 47.0 -2.0
BTO	comp=Z,1.0nm,5.8s			P	04 51 45.5 +0.4
BTO	comp=Z,950nm,5.7s			LR	04 51 45.5 +0.4
K17K	Iditarod	31.29 42	P	P	04 46 45.2 +0.8
E18K	Tukphalearik C	31.32 33	P	P	04 46 45.3 +0.7
R16K	Pilot Point	31.44 52	P	P	04 46 46.6 +0.8
F18K	Selawik	31.45 34	P	P	04 46 46.4 +0.6
C18K	Ulukok River	31.50 30	P	P	04 46 46.6 +0.3
B18K	Kokolik River	31.54 29	P	P	04 46 47.0 +0.4
M17K	Holitna River	31.57 45	IAMB	IAMB	04 47 05.7
M17K	Holitna River	31.57 45	P	P	04 46 47.8 +0.9
N17K	Nushagak Hills	31.64 46	P	P	04 46 48.4 +0.8
H18K	Honhosa River	31.65 37	P	P	04 46 48.1 +0.6
O17K	Koliganek Bris	31.67 48	P	P	04 46 48.7 +1.0
G18K	Tagagawik	31.68 36	P	P	04 46 48.6 +0.8
G18K	Tagagawik	31.68 36	P	P	04 46 50.0
G18K	Tagagawik	31.68 36	P	P	04 46 48.4 +0.6
O16K	King Salmon	31.89 50	P	P	04 46 50.9 +1.1
L18K	Granite Mounta	31.99 43	P	P	04 46 51.8 +1.2
P17K	Kvichak River	32.00 49	P	P	04 46 51.6 +1.0
R17L	Mt. Peulik Vol	32.09 52	P	P	04 46 52.1 +0.6
J18K	Innok River	32.10 41	P	P	04 46 52.0 +0.5
C19K	Lookout Ridge	32.20 30	P	P	04 46 52.7 +0.3
F19K	Shaleruckik Mo	32.23 34	IAMB	IAMB	04 46 54.3
F19K	Shaleruckik Mo	32.23 34	P	P	04 46 53.3 +0.7
N18K	Kilae Creek	32.29 46	P	P	04 46 54.8 +1.6
N18K	comp=Z,19nm,0.9s			IAMB	04 47 12.3
N18K	Kilae Creek	32.29 46	P	P	04 46 53.5 +0.3
O17K	Contact Creek	32.31 51	P	P	04 46 53.9 +0.4
M18K	Stony River	32.35 44	P	P	04 46 54.5 +0.8
G19K	Purcell Mouna	32.36 36	IAMB	IAMB	04 46 55.5
G19K	comp=Z,15nm,0.9s			P	04 46 54.2 +0.4
H19K	Roundabout Mou	32.50 37	P	P	04 46 55.8 +0.8
D19K	Kuna River	32.53 31	P	P	04 46 56.0 +0.8
E19K	Redstone River	32.58 33	IAMB	IAMB	04 46 57.9
E19K	Redstone River	32.58 33	P	P	04 46 56.5 +0.7
P18K	Big Mountain,	32.62 48	P	P	04 46 57.3 +1.2
O18K	Koktuh Hills	32.62 48	P	P	04 46 57.2 +1.1
LYN	LuoYang	32.63 262	eP	P	04 46 59.0 +2.5
LYN	comp=Z,2.1nm,0.5s			P	04 46 56.8 +0.5
J19K	Poorman	32.64 40	P	P	04 46 58.0
J19K	comp=Z,17nm,0.8s			IAMB	04 46 56.9 +0.7
O18K	Katmai Hardscr	32.75 50	P	P	04 46 58.0 +0.6
L19K	White Mountain	32.84 43	P	P	04 46 58.7 +0.7
N19K	Bonanza Creek	32.98 46	P	P	04 47 00.7 +1.3
M19K	Big River Lodg	33.05 44	P	P	04 47 00.7 +0.8
O19K	Portsworth	33.06 47	P	P	04 47 01.1 +1.1
F20K	Avarakt Lake	33.07 34	P	P	04 47 00.9 +1.0
D20K	Etluk River	33.12 31	P	P	04 47 00.8 +0.4
H20K	Anotleneega Mo	33.15 37	P	P	04 47 01.3 +0.6
E20K	Nigu River	33.16 32	P	P	04 47 01.4 +0.6
K20K	Telida	33.27 41	P	P	04 47 02.8 +1.0
B20K	Meade River	33.29 29	P	P	04 47 02.7 +0.9
J20K	Nowinta River	33.30 40	IAMB	IAMB	04 47 04.2
J20K	Nowinta River	33.30 40	P	P	04 47 02.9 +0.9
L20K	Farewell, Aug	33.31 43	P	P	04 47 03.4 +1.2
O19K	Cape Douglas,	33.45 49	P	P	04 47 04.2 +0.8
P19K	Oil Pit	33.62 48	P	P	04 47 05.6 +0.7
M20K	Styx River	33.64 44	P	P	04 47 05.6 +0.5
WHN	Wuhan	33.80 255	P	P	04 47 10.3 +3.6

WHN	comp=Z,4.2nm,0.8s			P	04 47 07.7 +1.0
G21K	Allakaket	33.85 35	P	P	04 47 09.0
G21K	comp=Z,2.0nm,0.8s			IAMB	04 47 08.1 +1.4
G21K	Allakaket	33.85 35	P	P	04 47 07.6 +0.7
C21K	Knifeblade Rid	33.87 31	P	P	04 47 08.5 +1.1
O20K	Sio Mountain	33.91 47	P	P	04 47 08.8 +0.6
F21K	Alatina River	33.96 34	P	P	04 47 08.4 +0.6
GUMO	Guam	33.98 194	LR	LR	04 57 18.2
E21K	Killik River	34.00 32	IAMB	IAMB	04 47 09.9
E21K	Killik River	34.00 32	P	P	04 47 08.9 +0.8
H21K	Melozitna River	34.02 37	IAMB	IAMB	04 47 10.5
H21K	Melozitna River	34.02 37	P	P	04 47 08.7 +0.4
B21K	Ikpiqkuk River	34.03 30	P	P	04 47 09.0 +0.8

29d 4h

Table with columns for station code, name, elevation, frequency, and other parameters. Includes stations like SCM Sheep Creek Mo, ILAR Eielson Array, and many others.

2018 SEP

Table with columns for station code, name, elevation, frequency, and other parameters. Includes stations like BCPM Bancas Point, M29M Somme Creek, and many others.

1874

Table with columns for station code, name, elevation, frequency, and other parameters. Includes stations like KURK Kurchatov, KURB Kurchatov, and many others.

29d 5h

Table with columns: KBA, Koinbreinsper, 79.81 333, i P, P, 04 52 32.9 +0.9, etc. Lists various astronomical objects and their coordinates.

2018 SEP

Table with columns: MAW, Mawson, 132.32 211, PKP, PKPdf, 04 59 35.0 -0.9, etc. Lists astronomical objects and their coordinates.

1876

Table with columns: ZALV, Zalesovo Ben, 62.34 337, P, P, 05 34 23.3 -1.0, etc. Lists astronomical objects and their coordinates.

29d 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like H03S3 Juan Fernandez, H002 Juan Fernandez, G032 Mina Guanaco, etc.

IDC 29 06:20:00.5:1.2,3:92S:140:32E,h0km,mb3.9/4, mltmp3.9/5,ML4.1/1,MS3.7/3,Error ellipse: s-maj=55.0km s-min=16.8km az=70.0

ISC 29 06:20:01.7:1.1,4:05:0.1x140.7E:0.4,h10km,n8,+1:02/8, mb3.7/3,Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like CTA Charters Tower, WRA Warramunga Arr, WRA Warramunga Arr, etc.

IDC 29 06:36:09.4:0.6,1:25S:120:63E,h0km,mb4.2/15, mltmp4.2/16,ML4.2/1,MS3.6/9,Error ellipse: s-maj=31.8km s-min=12.4km az=71.0

NEIC 29 06:36:12.6:1.7,1:27S:0.05x120:64E:0.06,h10km,1km, mb4.8/32,Error ellipse: s-maj=10.2km s-min=8.3km az=262.0

DJA 29 06:36:13.0:0.2,1:52S:12:15E,h10km,M4.6/18,mb4.6/4, m25:2/3,ML4.0/18,ML4.6/3

ISC 29 06:36:12.4:0.4,1:37S:0.04x120:62E:0.04,h10km,n90, +184/93,mb4.6/38,MS3.6/9,1C,Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like APSI Ampama, MFSI Mapaga, LUWI Luwuk, etc.

2018 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like ASAR Alice Springs, CMAR Chiang Mai Arr, CHTO Chiang Mai, etc.

1878

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like APSI Ampama, PMSI Majene, SPSI Sidrap Palu, etc.

Table with columns: KST, KasteK, 2.98 305 Pg, Pb, 06 49 47.9 -1.3, etc. Lists various astronomical objects and their properties.

NNC 29 07:01:10.2±1.2, 51.99N:74.41E, h0km, mb3.2, mpv2.9, Error ellipse: s-maj=20.2km s-min=7.7km az=25.0, Suspected Mining explosion.

ICD 29 07:01:12.1±0.9, 51.91N:74.42E, h0km, mbtmp3.0/5, ML2.5/5, Error ellipse: s-maj=20.7km s-min=7.3km az=25.0

ISC 29 07:01:09.7±0.9, 51.94N:0.0997422E:0.05, h0km, n11, ±126/13, 7C-2D, Central Kazakhstan

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Lists seismic stations and their details.

ICD 29 07:33:59.4±1.7, 01.58N:123.21E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=41.12km s-min=22.1km az=62.0

DJA 29 07:34:03.0±0.3, 2°S:3°12'0E, h10km, M3.8/12, MLv3.8/12

ISC 29 07:34:01.6±1.0, 1.48S:0105:119.55E:0.06, h10km, n16, ±195/16, mb3.5/4, Sulawesi

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Lists seismic stations.

Table with columns: SPSI, Sidrap Palu, 2.48 175 P, Pn, 07 34 42.2 +0.1, etc. Lists seismic stations.

ICD 29 07:40:08.8±0.5, 1°50'S:120°16'E, h0km, mb4.6/19, mbtmp4.6/20, ML4.2/1, MS4.0/54, Error ellipse: s-maj=22.1km s-min=10.8km az=69.0

BUI 29 07:40:10.0±0.0, 1°50'S:120°20'E, h5km, mb4.8/52, MLv3.8/52

GCMT 29 07:40:10.6±0.2, 1°51'S:120°15E:0.03, h15km, MW5.0/105, Moment Tensor Solution, s43, c52; s105, c163; Duration: 0 Moment tensor. Scale 10^16Nm; Mn=3.07±.16; Mw=3.39±.11; Mo=0.32±.11; Mo=0.9±.02; Mw=0.18±.07; Mo=0.76±.28; Best double couple: Mw3.45200×10^16 NP1.254.00000°, δ54.00000°, λ-106.00000°. NP2.101.00000°, δ38.00000°, λ-69.00000°. Principal axes: T 3.5340, Plg8.0000°, Azm356.0000°; N -0.1720, Plg13.0000°, Azm264.0000°; P -3.3700, Plg75.0000°, Azm117.0000°; nsta1 refers to cutoff waves, cutoff=6s. nsta2 refers to surface waves, cutoff=10s. Triangular moment function

NEIC 29 07:40:11.7±0.9, 1°51'S:120°18E:0.05, h10km, mb5.1/52, Mw5.1/11, Error ellipse: s-maj=9.5km s-min=4.8km az=227.0

DJA 29 07:40:12.2±0.3, 2°S:2°12'0E, h13km, mb5.1/38, mb5.0/38, mb5.5/14, MLv5.2/24, Mw(mb)5.0/14, MwMwp5.0/1, Mwps5.3/1

MOS 29 07:40:12.4±0.8, 1°48'S:120°19E, h15km, mb5.1/45, MS4.1/5, Error ellipse: s-maj=12.6km s-min=5.2km az=117.8

ISC 29 07:40:11.2±0.3, 1°54'S:04.120°15E:0.04, h10km, n54, ±135/318, mb4.9/96, MS4.1/65, 9C-17D, Sulawesi

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res. Lists seismic stations.

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res. Lists seismic stations.

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res. Lists seismic stations.

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res. Lists seismic stations.

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res. Lists seismic stations.

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res. Lists seismic stations.

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res. Lists seismic stations.

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res. Lists seismic stations.

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res. Lists seismic stations.

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, Time, Res. Lists seismic stations.

Table with columns: SRIT, Nakonsritamarara, 22.82 297 P, Iamb, P, 07 45 14.6 0.0, etc. Lists seismic stations.

Table with columns: SRIT, Nakonsritamarara, 22.82 297 P, Iamb, P, 07 45 17.7 +2.2, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 42.4 +0.2, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 43.0 -0.7, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 44.2 +2.5, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 45.5 -0.5, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 46.0 -0.7, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 47.2 +1.9, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 48.2 +1.0, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 49.2 +1.9, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 50.2 +1.9, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 51.2 +1.9, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 52.2 +1.9, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 53.2 +1.9, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 54.2 +1.9, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 55.2 +1.9, etc. Lists seismic stations.

Table with columns: ASAR, Alice Springs, 25.75 150 P, P, 07 45 56.2 +1.9, etc. Lists seismic stations.

Table with columns: TOO, Toolang, 42.78 150, P, P, 07 48 10.1 +1.0, 07 49 05.5, 07 48 10.1 +1.0, 07 48 10.5 +0.3, 07 48 16.0 +0.9, 07 48 16.0 +5.5, 07 48 19.8 +4.4, 07 48 23.5 +9.5, 07 49 58.0 +3.1, 07 57 38.0 -1.0, 07 48 10.8 -0.2, 07 48 12.8, 07 48 12.5 +1.5, 07 48 10.9 -0.2, 07 48 26.8 +1.2, 07 48 31.8 +1.2, 07 48 27.9 -0.2, 07 48 32.8 +2.9, 07 48 45.0 +4.6, 07 55 34.3 +4.2, 07 55 39.5 +3.6, 07 48 42.4, 07 48 40.4 -0.2, 07 48 38.6 -2.0, 07 48 39.2 -1.4, 07 48 48.0 +1.5, 08 02 59.4, 08 11 16.4, 08 12 16.2, 07 49 02.6 -0.7, 07 49 02.8 -0.8, 07 49 50.4, 07 49 09.6 -0.1, 07 49 31.9, 07 49 09.4 -0.3, 07 49 10.4 +0.2, 07 49 10.1 -0.4, 07 49 10.5 -0.4, 08 11 19.3, 08 12 09.1, 07 49 18.4 +1.1, 07 49 19.3 -1.1, 07 49 21.6 -0.7, 07 49 34.8 +1.5, 07 49 49.0 +3.5, 07 49 51.9 -0.4, 07 49 54.7, 07 49 51.9 -0.4, 07 50 02.0 +1.3, 07 50 10.5 +4.8, 07 49 59.2 -2.0, 07 49 59.2 -2.0, 07 50 02.3 +0.1, 07 50 18.2, 07 50 02.3 +0.1, 07 50 03.6 +1.0, 07 50 03.6 +1.0, 07 50 02.8 -0.2, 07 50 02.8 -0.2, 07 50 04.8 -0.3, 07 50 04.7 -0.3, 07 50 05.4 -0.3, 07 50 05.3 -0.3, 07 50 06.6 +0.4, 07 50 07.9 +0.4, 07 50 07.8 +0.4, 07 50 07.2 -0.3, 07 50 08.2 +0.7

Table with columns: NRN, Naryn, 58.55 322, P, P, 07 50 08.3 -0.1, 07 50 11.9, 07 50 08.4 -0.1, 07 50 08.6 0.0, 07 50 11.6, 07 50 08.6 0.0, 07 50 10.6 -0.6, 07 50 10.5 -0.6, 07 50 10.6 -0.5, 07 50 10.5 -0.5, 07 50 11.1 -1.1, 07 50 13.2 +0.4, 07 50 16.7, 07 50 13.2 +0.4, 07 50 13.1 -0.2, 07 50 13.1 -0.2, 07 50 13.7 -0.3, 07 50 13.6 -0.3, 07 50 16.2 -0.5, 07 50 16.2 -0.5, 07 50 17.0 -0.1, 07 50 17.1 -0.1, 07 50 17.0 -0.1, 07 50 20.1 +0.7, 07 50 22.8, 08 19 49.2, 07 50 20.4 +1.0, 07 50 19.7 +0.3, 07 50 30.8 +1.0, 07 52 40.1, 07 53 58.7, 07 58 53.9 +1.8, 07 50 21.3 -0.7, 07 50 21.2 -0.7, 07 50 24.6 -0.2, 07 50 28.8 -0.2, 07 50 28.8 -0.2, 07 50 29.1 -0.6, 07 50 29.1 -0.6, 07 50 29.6 -0.6, 07 50 30.4 -1.1, 07 50 30.4 -1.1, 07 50 31.4 -0.1, 07 50 33.0 -0.5, 07 50 32.9 -0.5, 07 50 34.2 -1.1, 07 50 37.4, 07 50 33.9 -1.3, 08 16 18.8, 07 50 34.0 -1.3, 07 50 36.1 -1.0, 07 50 34.8 -2.3, 08 16 22.4, 07 50 37.2 -0.3, 07 50 37.2 -0.3, 07 50 36.8 -0.8, 08 20 49.5, 07 50 37.3 -0.4, 07 50 37.3 -0.4, 07 50 37.3 -0.4, 07 50 39.3 -0.9, 07 50 39.2 -0.9, 08 21 50.4, 07 50 42.2 -0.2, 07 50 42.6, 08 17 47.1, 08 20 51.7, 07 50 49.5 -0.9, 07 50 50.5 -1.0, 07 50 50.8 -0.8, 07 50 52.0 -0.9, 07 50 52.7 -0.3, 08 19 27.8, 07 50 56.8 -0.5, 07 51 00.3 -0.5, 07 51 01.3 -0.8, 07 51 02.2 -0.8, 07 51 03.8 -0.8, 07 51 05.8 -0.5, 07 51 06.7 +0.1, 07 51 07.3 -0.1, 07 51 08.4 -0.5, 07 51 08.9 -0.3, 07 51 09.1 -1.2, 07 51 10.3 -0.3, 07 51 10.1 -1.7, 07 51 11.6 -0.7, 07 51 11.9 -0.9, 08 24 14.8, 07 51 13.0 -1.1, 07 51 16.5 -1.0, 07 51 18.5 -0.4

Table with columns: GHWR, Ruwais, 69.96 296, P, P, 07 51 22.2 -1.1, 07 51 22.8 -1.9, 08 17 29.8, 07 51 29.4 -0.6, 07 51 32.4 -0.9, 07 51 34.6 -0.8, 07 51 35.0 -0.8, 07 51 35.7 -0.8, 07 51 38.3, 07 51 36.9 -1.4, 08 25 28.1, 07 51 44.4 +2.1, 08 27 30.0, 08 27 00.5, 07 51 47.4 +0.2, 07 51 58.3 -0.5, 07 54 43.4, 08 01 44.3 +2.1, 08 06 35.4 +0.1, 07 52 03.1 +2.9, 07 52 13.0, 08 08 40.0 +0.7, 07 52 00.2 -2.2, 07 52 03.3, 07 52 00.3 -2.2, 07 52 00.2 -2.2, 08 23 34.2, 08 34 46.5, 07 52 21.3 +0.7, 08 30 31.2, 07 52 22.1 -2.0, 07 52 26.6 -1.0, 08 32 16.4, 07 52 26.4 -1.5, 07 52 29.5 -0.7, 07 52 32.6, 07 52 28.8 -2.1, 08 34 56.2, 07 52 29.3 -1.6, 07 52 28.2 -3.8, 07 52 28.2 -3.8, 08 28 20.9, 07 52 46.2 -2.8, 07 52 46.3 -3.3, 07 52 46.6 -3.1, 07 52 49.8 -1.4, 07 52 53.3 -1.2, 08 37 38.3, 08 35 48.0, 07 53 00.5 +1.1, 07 56 23.0, 08 03 42.0 +1.1, 08 04 40.0 -1.8, 07 53 02.0, 07 53 02.0 -1.4, 07 53 01.1 -2.3, 08 39 39.8, 07 53 01.3 -2.1, 07 53 01.9 -1.5, 08 31 47.2, 08 32 39.2, 08 21 52.9, 08 27 15.0, 08 38 39.3, 07 53 20.0 +0.8, 07 53 19.2 -0.1, 07 53 19.2 -0.5, 07 53 21.4 -0.9, 07 53 20.9 -1.9, 07 57 02.0, 07 59 01.3, 08 03 54.1 -2.4, 08 05 38.0 -1.4, 08 10 38.2 -0.6, 08 14 17.5, 08 32 44.8, 08 30 40.8, 08 32 12.5, 08 45 11.2, 08 39 36.4, 08 33 10.0, 08 41 06.1, 08 37 03.0

BA1R	Ufa	1.34 265	P	Pg	09 07 15.7 +0.1
BA1R			S	Sg	09 07 35.4 +2.4
ARTI	Arti	1.68 7	P	Pn	09 07 18.6 +0.1
ARTI	Arti	1.68 7	i P	Pn	09 07 18.8 +0.4
	baz=7.9				
ARTI	962nm, 0.4s, baz=7.9		e S	Sn	09 07 40.5 +0.9
ARTI	2um		i AML	AML	09 07 44.8
ARTI	Arti	1.68 7	P	Pn	09 07 18.4 0.0
ARTI	Arti		S	Sn	09 07 40.5 +0.9
SVE	Sverdlovsk	2.58 34	e P	Pn	09 07 31.6 +0.8
	332nm, 0.3s, baz=35				
SVE	baz=35		e S	Sn	09 08 03.5 +1.7
SVE	3um, 0.4s, baz=35		i AML	AML	09 10 10.3
SVE	Sverdlovsk	2.58 34	e P	Pn	09 07 31.9 +1.1
SVE	SVE		e S	Sn	09 08 04.2 +2.5
	comp=Z, 295nm, 0.6s				
PR4R	Vlasy	3.45 339	e P	Pn	09 07 42.4 -0.3
	baz=339				
PR4R	baz=339		e S	Sn	09 08 21.6 -1.5
PR4R	Vlasy	3.45 339	P	Pn	09 07 42.4 -0.3
PR4R	PR4R		S	Sn	09 07 41.6 -1.5
PR4R	Verkhnechusovs	3.52 353	e P	Pn	09 08 24.6 +1.0
	baz=353				
PR4R	baz=353		e S	Sn	09 08 27.1 +2.4
PR4R	Verkhnechusovs	3.52 353	P	Pn	09 07 44.6 +1.0
PR4R	PR4R		S	Sn	09 07 45.2 +0.3
PR6R	Ekimiyata	3.61 344	e P	Pn	09 08 27.4 +0.3
	baz=344				
PR6R	comp=Z, 1um, 0.3s, baz=344		i AML	AML	09 08 42.1
PR6R	Ekimiyata	3.61 344	P	Pn	09 07 45.3 +0.4
PR6R	PR6R		S	Sn	09 08 27.4 +0.3
PR7R	Sarany	3.86 6	e P	Pn	09 07 48.4 +0.1
	baz=6.2				
PR7R	baz=6.2		e S	Sn	09 08 34.2 +0.9
PR7R	comp=Z, 2um, 0.7s, baz=6.2		i AML	AML	09 08 59.9
PR7R	Sarany	3.86 6	P	Pn	09 07 48.7 +0.4
PR7R	PR7R		S	Sn	09 08 31.7 -1.6
AKTO	Aktuybinsk	4.30 180	Pn	Pn	09 07 56.8 +2.4
	comp=Z, 1.2nm, 0.3s, baz=17.4, SNR=16				
AKTO	comp=Z, 9.6nm, 0.3s, baz=3.2, slow=21, SNR=3.7		Sn	Sn	09 08 47.3 +3.3
AKTO	comp=Z, 8.1nm, 0.3s, baz=7.4, slow=23, SNR=4.4		Lg	Lg	09 09 01.3
AKTO	comp=Z, 11.2nm, 2.1s, baz=52, slow=42		LR	LR	09 09 47.6
AKTO	comp=Z, 5.8nm, 0.4s	4.30 180	↑ Pn	Pn	09 07 55.6 +1.3
AKTO	comp=Z, 2.5nm, 0.4s		↑ Pn	Pn	09 08 09.9 -2.1
AKTO	comp=Z, 3.8nm, 0.7s		↑ Lg	Lg	09 09 05.2
PR1R	Pomanovo	4.53 352	e P	Pn	09 08 00.1 +2.6
	baz=352				
PR1R	baz=352		e S	Sn	09 08 50.2 +0.9
PR1R	baz=352		i AML	AML	09 09 12.6
PR1R	comp=Z, 3.94nm, 0.3s, baz=352				
PR1R	Pomanovo	4.53 352	P	Pn	09 08 00.2 +2.8
PR1R	PR1R		S	Sn	09 08 49.6 0.0
SVUR	Severouorsk	5.59 10	e P	Pn	09 08 12.3 +0.3
	baz=10				
SVUR	baz=10		e S	Sn	09 09 18.4 +2.5
AB31	Akbulak array	5.61 167	Pn	Pn	09 08 14.2 +1.9
	comp=Z, 7.3nm, 0.4s, baz=358, slow=12, SNR=34				
AB31	comp=Z, 2.7nm, 0.6s, baz=342, slow=24, SNR=5.3		Sn	Sn	09 09 20.4 +4.1
AB31	comp=Z, 1.52nm, 0.8s, baz=348, slow=24, SNR=4.5		Lg	Lg	09 09 44.5
AB31	Akbulak array	5.61 167	Pn	Pn	09 08 14.2 +1.9
AB31	AB31		S	Sn	09 09 20.4 +4.1
AB31	ABKAR Akbulak array	5.61 167	Pn	Pn	09 08 14.3 +2.0
AB31	ABKAR Akbulak array	5.61 167	Pn	Pn	09 08 14.0 +1.7
KIRV	Kirov	6.11 313	Pn	Pn	09 08 18.3 -0.9
	comp=Z, 3.5nm, 0.3s, baz=141, slow=9.5, SNR=22				
KIRV	comp=Z, 4.3nm, 0.3s, baz=194, slow=20, SNR=1.9		Sn	Sn	09 09 30.0 +1.4
KIRV	comp=Z, 1.1nm, 0.3s, baz=26, slow=23, SNR=7.3		Lg	Lg	09 09 59.1
KIRV	comp=Z, 9.9nm, 0.6s				
BELG	Belogor'ye	6.61 254	Pn	Pn	09 08 25.8 -0.2
	comp=Z, 8.0nm, 0.3s, baz=244, slow=23, SNR=34				
BELG	baz=34, slow=10		Lg	Lg	09 09 39.5 -1.4
BELG	comp=Z, 1.0nm, 0.3s, baz=243, slow=21, SNR=8.1				
BELG	comp=Z, 3.8nm, 0.5s		Lg	Lg	09 08 26.6 +0.6
BELG	Belogor'ye	6.61 254	i P	Pn	09 08 26.6 +0.6
BELG	comp=Z, 2.7nm, 1.1s		MLR	MLR	
BVA0	Borovoye Array	7.52 98	↑ Pn	Pn	09 08 40.0 +1.4
	comp=Z, 7.7nm, 0.5s, baz=295, slow=16, SNR=68				
BVA0	comp=Z, 2.2nm, 0.6s, baz=294, slow=25, SNR=6.5		↑ Lg	Lg	09 10 42.4 -1.0
BVA0	comp=Z, 1.09nm, 0.8s, baz=285, slow=28, SNR=3.9				
BVA0	Borovoye Array	7.52 98	P	Pn	09 08 39.9 +1.4
BVA0	BVA0		P	Pn	09 10 02.3 -1.0
BVAR	Borovoye Array	7.52 98	Pn	Pn	09 08 39.8 +1.3
	comp=Z, 0.8nm, 0.3s, baz=290, slow=13, SNR=44				
BVAR	comp=Z, 2.2nm, 0.3s, baz=298, slow=25, SNR=8.9		Sn	Sn	09 10 03.3 0.0
BVAR	comp=Z, 1.1nm, 0.3s, baz=297, slow=23, SNR=3.8		Lg	Lg	09 10 43.8
BVAR	comp=Z, 9.3nm, 1.9s, baz=218, slow=39		LR	LR	09 11 44.7
VRH	Nokhopyorsk	10.43 257	e P	Pn	09 09 15.8 -2.6
VRH	VRH		e Pmax	Pmax	
LPSR	Galich'ya Gora	11.51 267	e P	Pn	09 09 30.4 -2.8
LPSR	comp=Z, 3.0nm, 0.7s		e Pmax	Pmax	
VORR	Voronezh	11.67 263	e P	Pn	09 09 30.7 -4.7
VORR	comp=Z, 7.0nm, 0.4s		e Pmax	Pmax	
MOS	Moscow	11.68 283	e P	Pn	09 09 31.6 -3.8
MOS	comp=Z, 2.9nm, 0.8s		e Pmax	Pmax	
VSR	Storozhevoje	11.88 261	e P	Pn	09 09 34.9 -3.3
VSR	comp=Z, 8.0nm, 0.6s		e Pmax	Pmax	
VORD	Divnogorje	11.91 259	e P	Pn	09 09 36.6 -2.1
VORD	comp=Z, 10.0nm, 0.6s		e Pmax	Pmax	
OBN	Obninsk	12.33 281	Pn	Pn	09 09 42.1 -2.2
OBN	Obninsk	12.33 281	Pn	Pn	09 09 42.0 -2.4
OBN	comp=Z, 6.7nm, 0.3s, baz=348, slow=8.9, SNR=3.6		Sn	Sn	09 11 55.9 -5.3
OBN	comp=Z, 4.8nm, 0.3s, baz=92, slow=22, SNR=1.4		Lg	Lg	09 13 08.8
OBN	comp=Z, 7.8nm, 0.3s, baz=105, slow=23, SNR=5.8				
OBN	Obninsk	12.33 281	i P	Pn	09 12 40.7 -1.7
OBN	OBN		S	Sn	09 12 04.0 +2.8
OBN	comp=Z, 2.3nm, 0.7s				
OBN	comp=Z, 68nm, 8.0s		MLR	MLR	

KURBB	Kurchatov Arra	13.10 100	P	Pn	09 09 53.4 -1.5
KURBB	KURBB		S	Sn	09 12 17.9 -2.2
KURK	Kurchatov	13.11 99	Pn	Pn	09 09 54.0 -1.1
KURK	KURK		↑ Pn	Pn	09 09 53.8 -1.3
	comp=Z, 7.8nm, 0.5s				
KURK	comp=Z, 1.8nm, 0.8s		↑ Sn	Sn	09 12 15.9 -4.5
KURK	KURK		↑ Lg	Lg	09 13 39.0
	comp=Z, 2.9nm, 0.9s				
MAK	MAK	13.11 99	P	Pn	09 09 54.0 -1.1
MAK	Makhachkala	13.63 215	e S	Sn	09 09 57.2 -4.9
MAK	MAK		e S	Sn	09 12 27.0 -6.0
	comp=Z, 4.1nm, 0.4s				
MAK	comp=Z, 1.37nm, 16.0s		MLR	MLR	
KK31	Karatay Array	14.21 140	↑ Pn	Pn	09 10 05.7 -4.5
	baz=338, slow=15, SNR=42				
KK31	baz=336, slow=27, SNR=6.3		↓ Sn	Sn	09 12 45.0 -2.4
KK31	baz=325, slow=26, SNR=3.8		↓ Lg	Lg	09 14 13.2
KK31	Karatay Array	14.21 140	P	Pn	09 10 05.7 -4.5
KK31	KK31		S	Sn	09 12 45.0 -2.4
KK31	KKAR Karatay Array	14.21 140	Pn	Pn	09 10 08.4 -1.8
KK31	KKAR Karatay Array	14.21 140	Pn	Pn	09 10 08.4 -1.8
NCK	Nalchik	14.64 226	e P	Pn	09 10 14.2 -1.7
KVAR	Kislovodsk Arra	14.65 229	e P	Pn	09 10 12.8 -3.3
	baz=346, slow=12				
KVAR	baz=176, slow=11		Sn	Sn	09 12 47.8 -1.0
KIV	Kislovodsk	14.65 229	Pn	Pn	09 10 14.5 -1.8
KIV	Kislovodsk	14.65 229	↑ P	Pn	09 10 14.8 -1.4
KIV	Kislovodsk	14.65 229	e S	Sn	09 10 14.0 -2.2
KIV	KIV		e S	Sn	09 12 57.0 -1.1
	comp=Z, 2.3nm, 1.1s				
KIV	comp=Z, 30nm, 13.0s		MLR	MLR	
KBZ	Khabaz	14.74 228	Pn	Pn	09 10 14.2 -3.1
	comp=Z, 2.0nm, 0.3s, baz=35, slow=8.8, SNR=31				
KBZ	comp=Z, 0.8nm, 0.3s, baz=41, slow=18, SNR=2.2		Sn	Sn	09 12 48.2 -1.2
KBZ	comp=Z, 7.9nm, 0.3s				
KBZ	Khabaz	14.74 228	i P	Pn	09 10 15.0 -2.3
KBZ	KBZ		MLR	MLR	
SHA1	Shidzhatmaz	14.84 228	i P	Pn	09 10 17.2 -1.7
ZAA0	Zalesovo Array	15.63 82	Pn	Pn	09 10 28.4 -0.6
ZAA0	ZAA0		↑ Pn	Pn	09 10 32.1 -1.0
ZAA0	comp=Z, 1.0nm, 0.6s				
ZAA0	comp=Z, 2.4nm, 0.8s		↓ Sn	Sn	09 13 18.3 -3.3
ZALV	Zalesovo Beam	15.63 82	Pn	Pn	09 10 27.8 -1.2
ZALV	ZALV		Pn	Pn	09 10 27.4 -1.6
ZALV	comp=Z, 284, slow=13		Sn	Sn	09 13 15.5 -6.1
ZALV	comp=Z, 0.6nm, 0.3s, baz=285, slow=21, SNR=2.5				
ZALV	Zalesovo Beam	15.63 82	P	Pn	09 10 27.8 -1.2
AAK	Ala-Archa	16.22 131	Pn	Pn	09 10 37.1 +0.2
AAK	Ala-Archa	16.22 131	Pn	Pn	09 10 35.7 -1.2
	comp=Z, 0.4nm, 0.3s, baz=326, slow=5.9, SNR=9.7				
AAK	comp=Z, 2.5nm, 0.7s		Lg	Lg	09 15 21.5
AAK	comp=Z, 0.2nm, 0.3s, baz=280, slow=7.0, SNR=1.9				
AAK	comp=Z, 3.5nm, 0.7s				
AAK	Ala-Archa	16.22 131	i P	Pn	09 10 37.8 +0.9
AAK	AAK				
AAK	comp=Z, 4.0nm, 1.0s		MLR	MLR	
SOC	Sochi	16.29 234	e P	Pn	09 10 35.3 -2.3
SOC	SOC		e	Pmax	09 13 36.3
SOC	comp=Z, 1.4nm, 0.6s				
SOC	comp=Z, 6.3nm, 17.0s		MLR	MLR	
BOOM	Boomscoje usch	16.98 129	P	Pn	09 10 46.7 +0.1
BOOM	BOOM		P	Pn	09 10 46.7 +0.1
	comp=Z, 5.0nm, 0.8s				
MAKZ	Makanchi	17.05 108	↑ P	Pn	09 10 47.8 +0.6
MAKZ	Makanchi	17.05 108	↑ P	Pn	09 10 49.6 +0.7
	comp=Z, 2.1nm, 0.6s				
MAKZ	comp=Z, 1.4nm, 0.7s		↑ Lg	Lg	09 11 23.7
MAKZ	Makanchi	17.05 108	P	Pn	09 10 47.8 +0.6
MAKZ	MAKZ				
	comp=Z, 1.2nm, 1.2s				
GNI	Garni	17.07 217	P	Pn	09 10 47.8 +0.2
GNI	Garni	17.07 217	P		

29d 10h

Table with columns: URZ, Urewera, 13.93 193, P, P, 10 17 21.6 -1.5, etc. Lists various stations and their coordinates.

IDC 29 10:15:27.4 ± 0.56130N-163.83E, h0km, mb3.7/8, mbtpp3.8/10, M3.3, 7/2, MS3.03, Error ellipse: s-maj=37.4km s-min=18.5km az=147.0

MOS 29 10:15:28.6 ± 0.65609N-164.23E, h15km, mb4.0/1, Error ellipse: s-maj=8.6km s-min=6.0km az=135.9

KRSC 29 10:15:29.7 ± 1.65590N-164.00E, h17km, mb28km, M4.5

ISC 29 10:15:27.8 ± 1.55610N-0.005:164.12E ± 0.04, h6km, 10km, n84, ±162/110, mb3.7/8, Komandorski Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names like KBTR, KRUB, etc.

2018 SEP

Table with columns: PEAOB, Petropavlovsk, 4.79 234, PN, Pn, 10 16 43.1 +2.8, etc. Lists stations in the Petropavlovsk region.

NEIC 29 10:16:47.0 ± 0.35763N-0.008:97.39W ± 0.01, h6km, 1km, mb_L2.0/6, ML2.3, ML2.2/45, Error ellipse: s-maj=1.4km s-min=0.9km az=52.0

NEIC 29 10:16:46.8 ± 0.53567N-0.006:97.39W ± 0.01, h6km, 1km, Error ellipse: s-maj=1.6km s-min=0.7km az=113.0

Okhotska Okhotska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations in the Okhotsk region.

KRSC 29 10:22:54.4 ± 1.05317N-157.11E, h290km, 9km, M4.5, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations in the Kamchatka Peninsula region.

1886

Table with columns: KMNRR, Kamenistaya, 3.17 34, eP, Pn, 10 23 52.5 +1.4, etc. Lists stations in the Kamenistaya region.

IDC 29 10:30:16.4 ± 0.5142S:120.30E, h0km, mb4.6/20, mbtpp4.6/21, ML4.4/1, MS4.3/48, Error ellipse: s-maj=25.6km s-min=11.1km az=75.0

MOS 29 10:30:16.1 ± 0.9140S:120.26E, h11km, mb5.3/56, MS4.4/7, Error ellipse: s-maj=11.1km s-min=4.7km az=114.8

GCMT 29 10:30:17.3 ± 0.1143S:0.01:120.19E ± 0.02, h12km, MW5.1/133, Moment Tensor Solution, s71, c87, s133, c225, Duration: 0 Moment tensor: Scale 1016Nm; Mw=5.52; 09; Mw=4.53; 07; Mw=0.51; 10; Mw=2.37; 25; Mw=0.77; 07; Mw=2.36; 34; Best double couple: Ms=78000x1016 Np1, Ms=2560000, s60,00000, lambda=112,000000, NP2, lambda=116,000000, s37,000000, lambda=56,000000, Principal axes: T 5.09000, Pg13,00000, Azm2,00000; N 1.3770, Pg19,00000, Azm268,00000; P -6.4700, Plg7,00000, Azm123,00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Bull 29 10:30:17.0 ± 0.0140S:120.30E, h5km, mb4.9/69, mb5.5/27, MS4.8/31, M5.7/45, s3/33

NEIC 29 10:30:18.3 ± 1.4653N:120.21E ± 0.12km, NEIC 29 10:30:18.3 ± 1.0146S:0.05:120.22E ± 0.05, h10km, 1km, mb5.2/70, Ms_20 4.8/80, Mw=5.1/25, Error ellipse: s-maj=9.3km s-min=9.0km az=53.0

NEIC 29 10:30:18.3 ± 1.5653N:120.31E, h10km, Moment Tensor Solution, Duration: 188 Moment tensor: Scale 1016Nm; Mw=4.59; Mw=4.41; Mw=0.18; Mw=0.66; Mw=1.01; Mw=1.23; Fault plane solution: Ms4.82000x1016 Np1; Ms294,900000; s51,910000; lambda=74,650000; NP2, lambda=90,910000, s40,630000, lambda=108,670000; Principal axes: T 4.7316, Plg6,00000; Azm14,00000; N 0.1726, Plg12,00000; Azm105,00000; P -4.9042, Plg7,00000; Azm259,00000;

DJA 29 10:30:19.6 ± 0.3152S:2.120E, h16km, 2km, M5.0/48, mb5.1/48, mb5.5/18, Mb=5/323, Mw(MB)5.0/18, MwMwps 1/6, Mwps 5/6

ISC 29 10:30:18.5 ± 0.3146S:0.04:120.23E ± 0.04, h10km, n520, ±150/476, mb5.0/138, MS4.6/98, 7C-19D, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists a large number of stations across various regions.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like MNK, ILAR, LBTB, BOS, RNP, SPITS, etc.

NEIC 29 10:40:20.9-0.7, 4.32S:0.05:152.54E:0.10, h121km, 5km, mb4.5/28, Error ellipse: s-maj=14.9km s-min=4.3km

IDC 29 10:40:23.1-2.3, 4.25S:152.36E, h148km, 18km, mb3.6/7, mbmp4.0/8, Error ellipse: s-maj=39.7km s-min=12.6km az=128.0

ISC 29 10:40:23.3-0.6, 4.41S:109.152.54E:0.08, h150km, n42, e081/45, mb4.5/21, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like RABL, RABL, PMG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like NIUE, GIRL, MORW, KSM, KASY, etc.

IDC 29 10:42:28.8, 1.8, 3.22:05N:137.94E, h0km, mb3.7/4, mbmp3.6/5, ML2.6/1, Error ellipse: s-maj=72.3km s-min=22.2km az=75.0

JMA 29 10:42:39.6, 0.3, 33:0N:0.8-14.0E, h156km, 1km, MV3.3/42, E OFF HACHIJUJIMA ISLAND

ISC 29 10:42:38.9-1.1, 32.92N:0.07-140.10E:0.1, h150km, n17, e1869/22, mb3.6/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like HJJC, HJJC, HJJC, etc.

TEH 29 11:03:12.9, 29.78N:51.50E, h8km, 26km, ML4.1, IDC 29 11:03:12.8, 3.1, 29.64N:51.42E, h0km, mb4.0/13, mbmp4.0/16, ML3.6/3, Error ellipse: s-maj=26.9km s-min=19.1km az=1.0

MOS 29 11:03:13.3, 0.9, 29.65N:51.43E, h13km, mb4.2/10, Error ellipse: s-maj=9.2km s-min=6.8km az=97.3

NEIC 29 11:03:15.1, 2.2, 29.65N:10.08:51.41E:0.08, h10km, 2km, mb4.0/15, Error ellipse: s-maj=18.4km s-min=6.1km az=219.0

DSN 29 11:03:15.7, 1.7, 29.72N:51.73E, h15km, ML3.7/10, Error ellipse: s-maj=25.5km s-min=11.8km az=19.0

OMAN 29 11:03:18.0, 0.3, 29.56N:51.85E, h10km, mb4.5/25, mb3.7/3, bse3.1/2, Error ellipse: s-maj=5.1km s-min=3.6km az=356.0

ISC 29 11:03:15.0, 0.9, 29.71N:0.04:51.60E:0.04, h13km, 5km, n167, e1665/206, mb4.2/34, 4C-5D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like KAZZ, KAZZ, SHI, SHI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like GHWR, IRAZ, IDMV, MASFI, etc.

ARQ HOQ Hoqian, 7.96 139 P Sn 11 06 37.4 -1.3

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 10.4 -0.1

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 36.8 -3.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 32.2 -1.0

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 13.2 -1.0

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 15.8 -1.9

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 30.3 -3.2

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 18.5 -0.3

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -4.2

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

ARQ HOQ Hoqian, 7.96 139 P Sn 11 05 21.4 -0.6

29d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ELDTW Lidau, WRL Guolierlin Hig, WCKO Fanlu, etc.

IDD 29 11:53:24.61.5, 0.63N, 120.58E, h0km, mb3.7/5, mbtmp3.7/5, MS3.2/1, Error ellipse: s-maj=180.6km s-min=26.0km az=61.0

DJA 29 11:53:27.1.0.5, 0.7N, 120.58E, h10km, M4.17, mb4.6/1, MLV3.9/7

ISC 29 11:53:27.2.1.5, 0.16N, 109.919E, h0km, mb3.6/5, n13, r126/12, mb3.8/5, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MPSI Mapaga, APSI Ampana, MRSI Marisa, etc.

IDD 29 11:56:29.4.1.3, 35.79N, 141.31E, h0km, mb3.6/5, mbtmp3.6/7, ML3.1/2, MS2.6/2, Error ellipse: s-maj=22.6km s-min=13.1km az=137.0

JMA 29 11:56:34.1.0.3, 35.8N, 141.1E, h30km, Mb, MtD.01,3, NEAR CHOSHI CITY

JMA Felt J1 at NEAR CHOSHI CITY

NIED 29 11:56:34.1, 35.81N, 140.95E, h30km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, Mn=-3.04, Mw=1.24, Mbb=1.80, Mbr=0.49, Mbs=1.56, Mbt=0.72, Fault plane solution: M=7.040000x10^14 NP1: 6s272.00000, 8s0.00000, 1s-104.00000, NP2: 6s148.00000, 8s17.00000, 1s-35.00000

ISC 29 11:56:34.7.1.1, 35.85N, 140.92E, h0km, h31km, n25, r097/13, mb3.6/5, Near east coast of eastern Honshu

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

2018 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR, ASAJ Asahikawa, KRSR Korea Array, etc.

IDD 29 12:04:21.1.6.7, 1.48N, 99.52E, h149km, mb3.8/16, mbtmp4.2/17, Error ellipse: s-maj=32.9km s-min=11.2km az=57.0

DJA 29 12:04:23.1.0.3, 2.1N, 99.52E, h182km, 5km, M4.6/16, mb4.5/4, MLV4.6/16

NEIC 29 12:04:25.1.1.7, 1.61N, 0.06, 99.55E, 0.07, h179km, 7km, mb4.4/24, Error ellipse: s-maj=9.8km s-min=8.0km az=71.0

ISC 29 12:04:23.0.4, 1.52N, 100.04, 99.56E, 0.05, h166km, n82, r127/83, mb4.2/30, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TRSI Tarutung, RPSI Rantau Prapat, PSJ Prapat, etc.

IDD 29 12:09:20.1.3.1, 1.53N, 102.00E, h129km, 20.4, mb3.9/3, mbtmp3.9/3, MS2.9/1, Error ellipse: s-maj=846.6km s-min=161.2km az=76.0, Fiji Islands region

ISC 29 12:11:07.6.0.9, 0.58S, 0.05, 120.23E, 0.08, h10km, n14, r166/16, mb3.4/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MPSI Mapaga, APSI Ampana, MRSI Marisa, etc.

IDD 29 12:21:40.6.46.0, 15.73S, 178.28W, h0km, mb3.9/3, mbtmp3.9/3, MS2.9/1, Error ellipse: s-maj=846.6km s-min=161.2km az=76.0, Fiji Islands region

ISC 29 12:21:44.1.1.1, 1.20S, 0.05, 120.31E, 0.08, h10km, n12, r146/14, mb3.7/3, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like APSI Ampana, MRSI Marisa, LRSI Lusi, etc.

1892

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURBB Kurchatov Arra, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

IDD 29 12:11:06.7.1.7, 0.60S, 120.58E, h0km, mb3.4/3, mbtmp3.5/4, ML3.6/1, MS3.5/1, Error ellipse: s-maj=60.4km s-min=25.2km az=72.0

DJA 29 12:11:07.5.0.4, 1.3S, 121.0E, h10km, M4.4/9, mb4.8/1, MLV4.2/9

ISC 29 12:11:07.6.0.9, 0.58S, 0.05, 120.23E, 0.08, h10km, n14, r166/16, mb3.4/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MPSI Mapaga, APSI Ampana, MRSI Marisa, etc.

IDD 29 12:21:40.6.46.0, 15.73S, 178.28W, h0km, mb3.9/3, mbtmp3.9/3, MS2.9/1, Error ellipse: s-maj=846.6km s-min=161.2km az=76.0, Fiji Islands region

ISC 29 12:21:44.1.1.1, 1.20S, 0.05, 120.31E, 0.08, h10km, n12, r146/14, mb3.7/3, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MPSI Mapaga, APSI Ampana, MRSI Marisa, etc.

IDD 29 12:21:41.5.1.5, 0.97S, 120.91E, h0km, mb3.7/3, mbtmp3.7/4, ML3.7/1, Error ellipse: s-maj=65.3km s-min=23.9km az=64.0

DJA 29 12:21:44.6.0.4, 1.3S, 121.0E, h10km, M3.9, MLV3.9/9

ISC 29 12:21:44.1.1.1, 1.20S, 0.05, 120.31E, 0.08, h10km, n12, r146/14, mb3.7/3, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MPSI Ampana, MRSI Marisa, LRSI Lusi, etc.

Table with columns: ID, Name, Time, Res, etc. Includes entries like H04N1 CROZET ISLANDS, BOSAZ Boshu, H01W2 Cape Leeuwin, etc.

DC 29 12:38:27.0.0.9, 17.81S; 167.85E, h0km, mb4.1/8, mbmp4.116, ML3.4/1, MS3.9/26, Error ellipse: s-maj=30.0km, s-min=24.0km, az=131.0

NOU 29 12:38:28.2, 17.78S; 167.80E, h0km, MLV4.5/12, Vanuatu Islands

NEIC 29 12:38:30.0.0.9, 18.1S; 0.1x167.66E; 0.04, h10km, 1km, mb4.6/15, Error ellipse: s-maj=18.4km s-min=6.4km, az=1.0

GCMT 29 12:38:32.0.0.4, 17.85S; 0.04; 167.56E; 0.03, h30km, 1km, MW5.0/63, Moment Tensor Solution. s34,c37; s63,c77; Duration: 0 Moment tensor: Scale 10^19Nm; M1:3.37e26; M2:0.58e17; M3:-2.79e15; M4:1.99e27; M5:1.51e12; M6:-1.86e17; Best double couple: M4:0.04000e1016; NP1:152.00000e360.00000e3.74.00000e0; NP2: 6.6.00000e329.00000e4.121.00000e0; Principal axes: T 4.5860, Plg66.0000e, Azm33.0000e; N -1.0780, Plg15.0000e; Azm158.0000e; P -3.5110, Plg19.0000e; Azm253.0000e; nstata refers to body waves, cutoff=40s. nstaz refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 29 12:38:32.1.0.6, 17.85S; 0.05; 167.81E; 0.07, h32km, n66, a153/46, mb4.5/14, MS3.9/24, CT, Vanuatu Islands

Main table for station 1893, listing station names, codes, and coordinates. Includes stations like Devils Point, Lakatoro, LIFUNC, etc.

Table for station 2018 SEP, listing station names, codes, and coordinates. Includes stations like MAW Mawson, KDKAD Kodiak Island, BELA Belgrade, etc.

DC 29 12:38:36.1.2.6, 26.67S; 67.53E, h0km, mb4.0/8, mbmp4.0/8, Error ellipse: s-maj=80.6km s-min=26.9km, az=46.0

NEIC 29 12:38:37.0.2.0, 26.65S; 0.1x167.7E; 0.2, h10km, 1km, mb4.6/12, Error ellipse: s-maj=26.2km s-min=18.5km, az=241.0

ISC 29 12:38:37.0.3.0, 26.65S; 0.1x167.7E; 0.1, h10km, n34, a1907/25, mb4.3/13, Indian Ocean Triple Junction

Main table for station 2018 SEP, listing station names, codes, and coordinates. Includes stations like RODRIGUES ISLA, RIVIERE DE L'EAU, DIEGO GARCIA H, etc.

Main table for station 29d 12h, listing station names, codes, and coordinates. Includes stations like OKCSW OKLAHOMA CITY, OKCSW, etc.

29d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MNHN Monahans, SDCO Great Sand Dunes, HALT Halls, K30B Basset, etc.

NEIC 29 13:11:01.7±0.8, 36°19N±0.1°98.93W±0.02, h5km, 1km, Error ellipse: s-maj=2.9km s-min=2.6km az=222.0

NEIC 29 13:11:02.1±0.0, 36°21N±0.01°98.92W±0.02, h7km, 4km, Error ellipse: s-maj=2.2km s-min=1.8km az=49.0 Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK038 West end E0370, NOKA Waynoka, ELIS Ellis County, etc.

DJA 29 13:26:46.2±0.8, 8°S:19°12'4E±1'3, h197km, 12km, M4, 1/6, mB4.0/3, mB4.5/1, MLV4.1/6, Mw(mB)3.7/1

NEIC 29 13:26:53.5±0.8, 8°33S±0.1, 123°83E±0.09, h176km, 8km, mb4.1/11, Error ellipse: s-maj=16.2km s-min=13.0km az=191.0

IDC 29 13:27:01.7±4.5, 7°81S: 124.91E, h257km, 47km, mb3.3/6, mbmp4.0/8, Error ellipse: s-maj=93.4km s-min=71.1km az=60.0

ISC 29 13:26:52.3±0.7, 8°37S±0.08, 123°90E±0.07, h150km, n46, ±209/48, mb3.7/7, Flores region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOEI Soe, MMRI Maumere, BATI Baumata, etc.

2018 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, WB2 Warramunga Arr, etc.

NEIC 29 13:34:20.7±0.4, 36°20N±0.01°98.93W±0.02, h5km, 1km, mb_Lg2.7/45, ML2.8/21, Error ellipse: s-maj=2.9km s-min=2.2km az=302.0 Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK038 West end E0370, ELIS Ellis County, NOKA Waynoka, etc.

1894

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

DJA 29 13:41:51.3±1.0, 0°S:6°11'9E±1'0, h10km, M3.9/8, mb4.1/1, MLV3.8/8, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPSI Mapaga, APSI Ampana, MRSI Marisa, etc.

IDC 29 13:42:39.6±0.7, 39°99N:65°41E, h0km, mb4.1/13, mbmp4.2/22, ML3.9/9, MS3.2/4, Error ellipse: s-maj=12.6km s-min=8.5km az=189.0

BJI 29 13:42:40.0±0.0, 39°95N:65°34E, h14km, mb4.6/9, Ms3.9/1, Ms7.3/1

MOS 29 13:42:40.3±1.1, 40°38N:65°50E, h11km, mb4.6/14, Error ellipse: s-maj=5.3km s-min=4.5km az=139.5

NEIC 29 13:42:41.2±1.3, 40°26N:0°06:65:32E±0.08, h10km, 2km, mb4.1/11, Error ellipse: s-maj=12.5km s-min=8.6km az=228.0

ISU 29 13:42:42.1±0.4, 17°N:65°46E, h11km, NNC 29 13:42:44.1±2.1, 40°38N:65°35E, h22km, 10km, mb4.1, mpv3.8, Error ellipse: s-maj=16.8km s-min=7.4km az=21.0

ISC 29 13:42:42.5±0.7, 40°24N:0°04:65:35E±0.03, h17km, 4km, TGS 1165, ±215/198, mb4.3/35, 16C-23D, Southeastern Uzbekistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NUT Nurota, SAM Samarkand, GZLY Gazly, etc.

ASRS 29 13:38:57.9±0.3, 47°N:4°8'3E, h8km, MLh3.1/5, Error ellipse: s-maj=11.1km s-min=3.5km az=140.5, confirmed NNC 29 13:38:58.4±1.4, 47°14N:82°87E, h18km, 14km, mb2.9, mpv2.9, Error ellipse: s-maj=9.4km s-min=6.2km az=45.0 SOME 29 13:38:59.3, 47°35N:82°58E, h15km ISC 29 13:38:57.1±0.8, 47°11N:0°04:82:89E±0.04, h10km, n24, ±251/146, 8C, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like FSK, ANX, EVGI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like NNA, AP01, PB18, etc.

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

ICD 29 15:01:40.3-2.0, 15.48S:75.68W, h0km, mb4, 1/3, mbmp4, 1/4, ML4,0/1, Error ellipse: s-maj=57.8km s-min=34.0km az=149.0

ICD 29 15:05:17.2-2.0, 36.29N:71.16E, h232km,29km, mb3,4/17, mbmp4,2,22, Error ellipse: s-maj=18.5km s-min=10.0km az=20.0

ICD 29 15:01:40.5-0.9, 15.39S:0.09:75.8W,0.1, h10km, n34, c193/25, mb4,3/3, Near coast of Peru

29d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Choya, Torpederos, Salagasta, Peldehue, Limon Verde, etc.

DJA 29 16:36:06.5,0.4,0.3'S;120°E, h10km, M3.7/10, mb3.9/2, MLV4.7/10, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mapaga, Ampana, Marisa, Sangatta, Kalli, etc.

IDC 29 17:15:18.8,1.4,1.1'S;120°57'E, h0km, mb3.6/3, mbtmp3.6/4, ML3.5/1, Error ellipse: s-maj=52.9km s-min=22.9km az=69.0

DJA 29 17:15:21.6,0.3,1'S;3°12'0E, h10km, M4.4/15, mb4.5/3, MLV4.3/15

ISC 29 17:15:19.0,5.0,9.1'26S;004°11'91E;0.08, h10km, n18, e2520/20, mb3.7/3, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mapaga, Ampana, Marisa, Sangatta, Kalli, etc.

IDC 29 17:19:07.0,1.6,1.1'S;120°41'E, h0km, mb3.3/3, mbtmp3.4/4, ML3.5/1, MS2.5/1, Error ellipse: s-maj=58.7km s-min=24.4km az=71.0

DJA 29 17:19:09.3,0.3,1'S;3°12'0E, h10km, M4.1/13, mb4.3/1, MLV4.0/13

ISC 29 17:19:08.9,1.0,1.22S;005°120'10E;0.06, h10km, n16, e1915/17, mb3.3/3, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mapaga, Ampana, Marisa, Sangatta, Kalli, etc.

IDC 29 17:53:24.1,2.5,5.16N;127°14'E, h67km, 21km, mb3.9/13, mbtmp4.2/13, Error ellipse: s-maj=37.7km s-min=11.3km az=73.0

NEIC 29 17:53:26.5,1.2,5.07N;0106°127'10E;0.10, h90km, 8km, mb4.5/26, Error ellipse: s-maj=15.1km s-min=7.5km az=69.0

DJA 29 17:53:26.1,1.1,5.1N;10°12'7E, h99km, 10km, M4.4/12, mb4.3/11, mb4.8/3, MLV4.5/12, Mw(MB)4.0/3, MwMwp5.4/1, Mwps.6/1

ISC 29 17:53:24.9,0.5,10.0'05;127°13E;0.08, h76km, n65, e13170/10, mb4.5/26, I.C. Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Davao City, Galela, Ternate, etc.

2018 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FAKI, SBUM, MTN, JAGI, etc.

DJA 29 17:57:58.6,0.3,0.0'N;4°11'9E, h10km, M4.2/12, mb4.3/1, MLV4.1/12, Minahasa Peninsula, Sulawesi

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

NEIC 29 18:07:36.5,0.6,3.7'173N;0007°97'46W;0.1, h5km, 1km, Error ellipse: s-maj=2.3km s-min=2.0km az=257.0

NEIC 29 18:07:36.7,0.8,3.7'180N;0010°97'46W;0.01, h6km, 2km, mb, Lg2.7/57, ML3.0/41, ML2.8/14, Error ellipse: s-maj=1.6km s-min=1.4km az=65.0, Kansas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Caldwell North, South Haven B, etc.

1900

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Caldwell West, Bluff City Nor, etc.

29d 18h

Table with columns for station ID, name, elevation, coordinates, and various data points. Includes stations like ZEA Zeya, ZEA Baotou, TNCH TengChong, N14K Kusokwak Cree, etc.

2018 SEP

Table with columns for station ID, name, elevation, coordinates, and various data points. Includes stations like K20K Telida, K20K Palmer, PMR Palmer, etc.

1902

Table with columns for station ID, name, elevation, coordinates, and various data points. Includes stations like WAKR Walker, PNTR Pine Nut, O28M Mount Upton, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like WVOR, H25L, WHY, C21K, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like TROLL, X18A, E29M, NVL, F30M, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like PMG, WRA, WRA, WRA, etc.

29d 19h

Table with columns: MORC, MAUC, KAUC, MORC, MAUC, KAUC. Includes station names like Moravsky Berou, Maruska, Kasperske Hory and various numerical data.

IDC 29 19:05:56.9; 1.0, 51.799N; 172.191W, h0km, mb3.9/14, mbtmp3.9/15, ML3.8/1, Error ellipse: s-maj=29.2km s-min=20.2km az=140.0

NEIC 29 19:06:04.7; 1.8, 51.75N; 172.38W, h0.06, h59km, 8km, mb3.8/18, ML4.1/6, ML3.7(AEIC), Error ellipse: s-maj=14.3km s-min=5.4km az=174.0

AEIC 29 19:06:04.3; 2.1, 51.83N; 172.42W, h0.07, h56km, 7km, Error ellipse: s-maj=11.2km s-min=6.0km az=169.0

ISC 29 19:06:05.5; 1.3, 51.81N; 172.40W, h0.05, h65km, 10km, n94, +102/91, mb3.9/15, Andrean Islands

Main table for 29d 19h section, listing station names, codes, and various parameters like time, phase ID, and ISC values.

2018 SEP

Table for 2018 SEP section, listing stations like ABKAR Akbulak array, CMAR Chiang Mai Arr, AKASG Malin Array B, WRA Warramunga Arr, BRTR Keskin Arr B, ASAR Alice Springs, H03N2 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez, GSPA South Pole Qu, MAW Maxwell, BOSA Boshof.

IDC 29 19:07:40.3; 1.6, 2.03S; 121.41E, h0km, mb3.0/3, mbtmp3.1/4, ML3.0/1, Error ellipse: s-maj=43.2km s-min=25.8km az=77.0

DJA 29 19:07:46.6; 0.3, 2.54; 121.1E, h10km, M3.8/9, MLV3.8/9

ISC 29 19:07:40.4; 0.9, 2.13S; 120.97E; 0.08, h10km, n13, +138/13, mb3.0/3, Sulawesi

Table for 2018 SEP section, listing stations like APSI Ampanga, LUWI Luwuk, BNSI Bone, PMSI Majene, MPMSI Mapaga, MRSI Marisa, KAPI Kappang, KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 29 19:08:03.5; 1.7, 2.65S; 121.07E, h0km, mb3.2/3, mbtmp3.2/4, ML3.0/1, Error ellipse: s-maj=40.4km s-min=26.5km az=78.0, Sulawesi

Table for 2018 SEP section, listing stations like KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 29 19:15:37.6; 0.7, 1.50S; 120.21E, h0km, mb4.1/10, mbtmp4.1/11, ML3.7/1, MS3.6/13, Error ellipse: s-maj=38.7km s-min=13.4km az=67.0

DJA 29 19:15:39.4; 1.2, 1.52S; 120.12E; 0.06, h10km, 1km, mb4.5/13, mb5.2/6, MLV4.7/21, Mw(MB)4.6/6

NEIC 29 19:15:39.4; 1.2, 1.52S; 120.12E; 0.06, h10km, 1km, mb4.4/26, Error ellipse: s-maj=9.6km s-min=9.2km az=249.0

ISC 29 19:15:39.2; 0.5, 1.48S; 120.11E; 0.05, h10km, n89, +096/81, mb4.3/26, MS3.6/14, Sulawesi

Main table for 2018 SEP section, listing station names, codes, and various parameters like time, phase ID, and ISC values.

1904

Table for 1904 section, listing stations like WRO Warramunga Arr, YULB Yu-li, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

NEIC 29 19:25:35.5; 0.6, 37.18N; 102.9746W; 0.01, h5km, 1km, Error ellipse: s-maj=3.5km s-min=2.0km az=0.0

NEIC 29 19:25:35.8; 0.7, 37.18N; 102.9746W; 0.02, h6km, 4km, mb_Lg2.7/54, ML2.8/14, ML3.0/39, Error ellipse: s-maj=4.2km s-min=1.7km az=193.0, Kansas

Main table for 1904 section, listing station names, codes, and various parameters like time, phase ID, and ISC values.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ESPARROS, La Freestale, CALVIAC, Les Rejaudoux.

IDC 22:15:05.5-0.8, 30.21'S; 179.46'W, h301km, 10km, mb3.1/3, mbtm3.9/4, Error ellipse: s-maj=22.8km s-min=17.5km

ISC 22:15:05.5-0.9, 30.23'S; 179.6W, h2.0, h300km, n33, c1541/35, mb3.1/3, Kermadec Islands region

Main table for 1907 section, listing station data for RAOL, RAO, RUGZ, TWGZ, etc.

IDC 22:33:22.3-5.5, 3.27'S, 139.46'E, h0km, mb3.4/2, mbtm3.6/3, ML3.9/1, Error ellipse: s-maj=213.8km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WARRAMUNGA ARR, GSPA, FINES, HFS, TORD.

IDC 22:31:09.4-2.1, 6.70'S, 128.30'E, h0km, mb3.5/1, mbtm3.6/3, ML3.9/2, Error ellipse: s-maj=116.5km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WARRAMUNGA ARR, WRA, ASAR, MKAR.

IDC 22:31:21.2-1.0-5.0, 20.32'N, 65.63'W, h0km, mb4.2/23, mbtm3.4/28, ML3.9/5, MS3.6/26, Error ellipse: s-maj=14.3km

NEIC 22:31:21.2-4.1-1.3, 20.31'N, 65.62'W, h0.06, h10km, 1km, mb4.4/61, Error ellipse: s-maj=9.9km s-min=8.5km

SDD 22:31:21.2-6.4-3.4, 20.26'N, 66.01'W, h22km, 999km, MD4.0, ML4.1, MW3.9

ISC 22:31:23.5-3.4, 20.29'N, 66.65'W, h0.04, h8km, 2.1km, n183, c1549/184, mb4.4/48, MS3.7/23, 12C-8D, North Atlantic Ocean

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like EMPR, GCPFR, HUMP, AOPR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CELP, OBIP, PRSN, etc.

IDC 22:36.4, 22:22.03.5 +0.5, 22:22.05.4 +1.3, 22:22.05.5 +1.4, 22:22.40.6

IDC 22:07.4 +1.1, 22:07.8 +1.5, 22:35.6 -2.9, 22:22.46.1

IDC 22:27.7 +1.4, 22:27.8 +1.5, 22:37.9 -0.6, 22:24.5.1

IDC 22:14.0 +1.4, 22:14.16 +2.0, 22:24.95 -0.3, 22:22.55.5

IDC 22:17.1 +1.4, 22:25.6 -0.7, 22:22.57.1

IDC 22:15.7 -0.1, 22:17.9 +0.8, 22:25.50 -2.9, 22:23.20.1

IDC 22:18.8 +0.3, 22:23.10 +0.1, 22:23.18.2

IDC 22:26.3 +0.4, 22:31.0 -1.4, 22:31.5 -0.7, 22:32.3 -1.6

IDC 22:33.1 +1.7, 22:33.7 +1.4, 22:37.2 +0.6, 22:33.16 -1.4

IDC 22:36.8 -0.9, 22:39.7 -5.2, 22:45.5 -1.5, 22:44.8 -0.4

IDC 22:46.8 -1.9, 22:47.2 +2.5, 22:47.4 -2.5, 22:48.0 -0.1

IDC 22:48.6 -0.1, 22:46.4 -4.2, 22:51.8 +1.2, 22:52.9 +0.2

IDC 22:51.2 +2.0, 22:52.1, 22:24.12.8 -0.6, 22:30.74 +0.8

IDC 22:30.74 +0.8, 22:30.98 +0.2, 22:34.23 -8.6, 22:34.23 -8.6

IDC 22:34.23 -8.6, 7.42 141 Pn, 8.02 271 Pn, 22:32.6

IDC 22:43.9 -7.4, 22:26.5 -1.4, 22:26.9

IDC 22:55.8 -9.0, 22:27.4 -2.3, 22:24.59 -8.4

IDC 22:28.1 -1.9, 22:28.1 -1.9, 22:30.5 -8.0

IDC 22:30.9 -1.0, 22:30.2 -1.7, 22:30.3 -8.1

IDC 22:34.3 -0.6, 22:24.4 -9.0, 22:34.15 -2.3

IDC 22:36.4 -2.2, 22:35.36 -8.4, 22:34.98 +0.8

IDC 22:37.1 -5.5, 22:24.02 -3.6, 22:24.05 -0.9

IDC 22:24.05 -0.9, 22:24.10 -2.8, 22:24.20 +1.5

IDC 22:36.4 -2.4, 22:28.2 -1.4, 22:29.17.1

IDC 22:24.25 -7.2, 22:24.27 -4.6, 22:24.31 -3.1

IDC 22:26.50 -1.4, 22:26.50 -1.4, 22:26.50 -1.4

IDC 22:25.08 -0.9, 22:27.29 -1.4, 22:25.08 -0.9

IDC 22:24.56 -0.2, 22:27.31 -1.2, 22:25.28 -0.2

IDC 22:25.43.5, 17.50 210 Iamb, 17.50 210 Iamb

IDC 22:31.3 +1.7, 17.50 210 Iamb, 17.50 210 Iamb

IDC 22:33.21.4, 18.01 318 Pn, 18.01 318 Pn

IDC 22:25.34 +0.0, 22:25.35 +1.0, 22:25.38 -1.5

IDC 22:24.40 -0.4, 22:25.01 +0.5, 22:27.31.9 -1.2

IDC 22:25.12 -0.8, 22:25.51.8 -0.5, 22:26.01.0

IDC 22:25.54.3 +0.7, 20.55 332 Iamb, 20.55 332 Iamb

IDC 22:26.18.3, 21.20 326 Iamb, 21.20 326 Iamb

IDC 22:26.09.9 +0.4, 21.20 326 Iamb, 21.20 326 Iamb

IDC 22:26.12.8 +0.2, 21.48 319 Iamb, 21.48 319 Iamb

IDC 22:26.31.3, 21.70 341 P, 21.70 341 P

IDC 22:26.14.0 -0.8, 21.81 343 Iamb, 21.81 343 Iamb

IDC 22:26.13.8 -2.2, 22.06 210 Iamb, 22.06 210 Iamb

IDC 22:26.18.3 -0.1, 22.06 210 Iamb, 22.06 210 Iamb

IDC 22:26.20.0 +1.2, 22.07 318 P, 22.07 318 P

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like FPAL, SSPA, LRAL, etc.

IDC 22:26.2 +1.3, 22:26.27 +0.6, 22:26.55.6

IDC 22:26.28.9 +1.8, 22:26.46.8

IDC 22:26.32.1 +1.0, 22:26.35.0 +0.3, 22:26.35.5 +0.7

IDC 22:26.40.7, 22:26.43.5

IDC 22:26.46.2 +0.4, 22:26.48.7

IDC 22:26.50.4 +0.3, 22:26.54.7

IDC 22:26.53.1 0.0, 22:27.12.0

IDC 22:27.05.8 +1.3, 22:27.19.5

IDC 22:27.13.4 -0.1, 22:27.16.0

IDC 22:27.21.6 +0.5, 22:27.24.3 -0.5

IDC 22:27.31.4 -0.7, 22:27.31.4 -0.7

IDC 22:27.34.9 +1.0, 22:27.48.6 +0.5

IDC 22:27.47.6 +0.7, 22:27.57.1 +1.0

IDC 22:28.14.8 +0.2, 22:28.38.5

IDC 22:28.21.3 +0.2, 22:28.24.4

IDC 22:28.21.8 +0.8, 22:28.22.5 +1.5

IDC 22:28.25.7 0.0, 22:28.29.1 -0.4

IDC 22:28.30.5 +1.0, 22:28.44.5

IDC 22:28.44.0 -0.1, 22:29.12.8

IDC 22:28.44.5 +0.4, 22:28.47.5

IDC 22:28.48.6 +0.5, 22:28.50.2 +2.0

IDC 22:28.56.5 -0.1, 22:28.59.7

IDC 22:28.58.4 +1.8, 22:28.64.8

IDC 22:28.56.0 -2.2, 22:28.59.0

IDC 22:29.11.8 +0.7, 22:29.14.2

IDC 22:29.22.7 +1.0, 22:29.25.5

IDC 22:30.26.5, 22:30.29.4

IDC 22:32.48.2 +1.2, 22:31.14.7 +0.7

IDC 22:34.70.9, 22:34.54.1

IDC 22:32.93.5 +0.9, 22:30.10.7

IDC 22:32.95.8 +1.2, 22:33.46.2

IDC 22:32.57.1 +0.7, 22:32.60.0

IDC 22:34.70.8, 22:34.70.8

IDC 22:33.07.8 +0.6, 22:30.09.0 +0.8

IDC 22:30.10.1 +1.9, 22:31.02.1

IDC 22:30.36.4 +0.4, 22:30.36.4 +0.4

IDC 22:30.46.2 +0.4, 22:35.15.0

IDC 22:31.02.5 +1.3, 22:31.02.5 +1.3

IDC 22:32.56.30.6, 22:32.56.30.6

IDC 22:31.32.1 -1.6, 22:31.33.6 -0.1

IDC 22:31.59.8 +0.7, 22:32.02.8

IDC 22:32.11.2 +1.0, 22:32.11.2 +1.0

IDC 22:32.15.7 +1.1, 22:32.17.4

30d 1h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VRAC Vranov, SKT Skwentna, IMAR Indian Mountain, etc.

KRNET 29 23:38:44.0.0.1.39:09N:70:26E, mb2.9
NCC 29 23:38:47.5.4.6.39:33N:71:17E, h13km, 23km, mb3.7,
mpv3.3, Error ellipse: s-maj=33.4km s-min=23.4km az=5.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BTK Batken, DRK Karamyk, OHH Osh, etc.

IDC 29 23:42:25.0.1.4.15:78N:145:34E, h0km, mb3.5/6,
mbtmp3.5/6, Error ellipse: s-maj=54.8km s-min=25.3km
az=92.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

DJA 29 23:54:50.2.0.4.0.N:3'x12'0E, h10km, M4.3, mb4.6/1,
ML4.1/8
ISC 29 23:54:49.6.1.2.0.02S:0:08:119:68E:0:06, h10km, n11,
+111/1, mb3.7/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MPSI Mapaga, APSI Ampana, MRSI Marisa, etc.

JMA 30 00:26:07.0.0.5.32'N:2'x14'2E, h0km, MV3.8/12, NEAR
TORISHIMA IS
IDC 30 00:26:07.8.1.6.31:69N:141:43E, h0km, mb3.6/4,

2018 SEP

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JHJ2 Mitsune, BSO1 Boso, JRY Ryogami san, etc.

NOU 30 00:45:55.8.34:36S:178:68W, h7km, mb4.4/7, South of
Kermadec Islands
IDC 30 00:46:05.9.1.2.34:64S:179:75W, h0km, mb4.2/4,

WEL 30 00:46:14.8.1.0.35:5.0:18'0E:1'1, h139km, 37km,
M4.0/13, ML4.4/7, ML4.0/13, Error ellipse: s-maj=33.0km
s-min=26.7km az=155.0

ISC 30 00:46:12.0.1.0.34:99S:0:08:179:69W:0:08, h50km, n44,
+187/50, mb4.1/4, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, MXZ Matakaoa Point, PKGZ Pakihira, etc.

H03S2 Juan Fernandez 79.12 124 T 02 26 21.0
H03S1 Juan Fernandez 79.13 124 T 02 26 24.7
H03S3 Juan Fernandez 79.14 124 T 02 26 23.2

ISC 30 00:55:54.1.1.0.38:68N:0:06:70:45E:0:06, h10km, n37,
+251/53, mb3.6/6, 17C-10D, Afghanistan-Tajikistan
border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DRK Karamyk, BTK Batken, BTK Batken, etc.

IDC 30 00:55:52.8.1.5.38:74N:70:50E, h0km, mb3.6/6,
mbtmp3.6/8, ML2.7/2, Error ellipse: s-maj=34.3km
s-min=21.2km az=161.0

SOME 30 00:55:55.0.39:00N:72:08E, h10km
KRNET 30 00:55:59.0.1.39:12N:70:79E, mb2.9
NCC 30 00:56:02.4.3.5.39:53N:70:09E, h0km, mb4.0, mpv3.7,

ISC 30 00:55:54.1.1.0.38:68N:0:06:70:45E:0:06, h10km, n37,
+251/53, mb3.6/6, 17C-10D, Afghanistan-Tajikistan
border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DRK Karamyk, BTK Batken, BTK Batken, etc.

1908

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ARK baz=18, CHM Chikent, CHM Chikent, MNAS Manas, etc.

MOS 30 01:05:33.9.0.7.49:43N:156:10E, h42km, mb4.2/1, Error
ellipse: s-maj=63.9km s-min=5.9km az=76.0
KRSC 30 01:05:36.6.1.6.49:76N:156:68E, h17km, 23km, M4.2
IDC 30 01:05:38.8.6.8.49:77N:155:84E, h80km, 79km, mb3.3/3,

ISC 30 01:05:33.0km az=133.0
ISC 30 01:05:36.1.1.3.49:56N:0:09:156:0E:0:1, h50km, n43,
+193/41, mb3.3/3, Kuril Islands

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

IDC 30 01:05:33.0km az=133.0
ISC 30 01:05:36.1.1.3.49:56N:0:09:156:0E:0:1, h50km, n43,
+193/41, mb3.3/3, Kuril Islands

ISC 30 01:05:33.0km az=133.0
ISC 30 01:05:36.1.1.3.49:56N:0:09:156:0E:0:1, h50km, n43,
+193/41, mb3.3/3, Kuril Islands

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

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KRX Arik, KRX Arik, SPN Mys Shipunski, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like IRES Siquires, OCHAL Ojochal, OCHAL Ojochal, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like MUCR Uria, MUCR Uria, MUCR Uria, etc.

JSN 30 01:32:16.3, 0.4, 18.34N:77.78W, h16km, 5km, MD3.6

SSNC 30 01:32:18.1, 1.5, 18.37N:77.65W, h5km, 12km, MD3.4, ML3.0

ISC 30 01:32:15.2, 1.5, 18.19N:0.09:77.77W, 0.06, h2km, 8km, n16, c226/26, 4D, Jamaica region

IDC 30 01:52:53.5, 5.3, 19.46N:120.04E, h44km, 52km, mb3.7/15, mbtmp3.9/17, ML3.3/1, Error ellipse: s-maj=25.9km

NEIC 30 01:52:53.3, 2.7, 19.46N:0.10:119.9E:0.2, h35km, 2km, mb4-4/12, Error ellipse: s-maj=24.2km s-min=16.2km

ISC 30 01:52:51.4, 0.7, 19.48N:0.09:119.9E:0.1, h24km, n47, c1506/48, mb4.1/20, Phillipine Islands region

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like MTJD Mount Denham, STH Stony Hill, HOJ Hope, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like TWGBT Beinan, TWG Piniang, TPUB Piniang, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like MNO Morte Sorlo, EPZF Pizzo Felice, PNL Pollina, etc.

UCR 30 01:33:06.1, 0.9, 9.76N:83.85W, h5km, 1km, MW3.6

CATAC 30 01:33:06.2, 0.4, 9.73N:83.85W, h3km, 2km, ML3.2

ISC 30 01:33:06.1, 0.9, 9.73N:0.02:83.86W:0.02, h11km, 6km, n60, c058/67, Costa Rica

D19K Kuro River, H21K Melozitina River, H23K Yukon River, H23K Yukon River

RND Reindeer, ARCES ARCES Array B, ILAR Eielson Array

FINES FINES Array B, I26K Coal Creek Min, AKASG Malin Array B

L27K Beaver Creek, MLR Muntele Ross, MLR Muntele Ross

HFS Hagfors, CLL Collin

IDC 30 01:56:51.3, 1.6, 38.40N:15.18E, h274km, 19km, mb3.4/2, mbtmp3.6/6, Error ellipse: s-maj=46.7km s-min=34.9km

ROM 30 01:56:52.0, 0.3, 38.65N:0.03:14.79E:0.02, h256km, 2km, ML2.9/60, Error ellipse: s-maj=3.2km s-min=1.1km

ISC 30 01:56:51.9, 1.0, 38.67N:0.09:14.79E:0.07, h256km, 9km, n51, c1909/57, 1C, Sicily

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like REPA Paraso, LCR2 La Lucha 2, LCR2 La Lucha 2, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like I26K Coal Creek Min, AKASG Malin Array B, L27K Beaver Creek, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like RESU Resultano, RESU Resultano, EPOZ Pozzillo, etc.

30d 2h

Table of station data for 30d 2h period, including station names like CAR1, GRI PLAC, and various codes and times.

Summary table for 30d 2h period with columns: Code, Station Name, Az, Phase ID, Time, Res.

2018 SEP

Table of station data for 2018 SEP, including station names like APSI Ampana, TTSI Tana Toraja, and various codes and times.

Table of station data for 2018 SEP, including station names like WRA Warramunga Arr, ASAR Alice Springs, and various codes and times.

Table of station data for 2018 SEP, including station names like WRA Warramunga Arr, ASAR Alice Springs, and various codes and times.

Table of station data for 2018 SEP, including station names like WRA Warramunga Arr, ASAR Alice Springs, and various codes and times.

1910

Table of station data for 1910, including station names like RTZ Ruatuhuna, BKZ Black Stump Fm, and various codes and times.

Summary table for 1910 period with columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like APSI Ampanga, TTSI Tana Toraja, MFSI Masipaga, etc.

NAO 30 02:42:02.4, 35.39N-23.83E, h33km, mb3.9, IDG 30 02:42:13.0, 0.8, 36.77N-21.53E, h0km, mb3.9/15, mbtm3.8/25, ML3.5/6, MS3.5/1, Error ellipse: s-maj=15.7km s-min=12.8km az=171.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PYL PYLOS, ITH Ithomi, LTHK Lithakia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUR Goura, LKLV Kalavryta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KOME Niksic, NKME NKME, TREB Trebinje, etc.

THE 30 03:04:36.1, 36.44N-21.74E, h0km, 3km, ML2.1/3, Error ellipse: s-maj=6.8km s-min=2.7km az=128.0, Southern Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PYL PYLOS, ITH Ithomi, LTHK Lithakia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VIL2 Kalavryta, KLV Delphi, etc.

IDC 30 03:22:29.2, 0.7, 12.44N-142.86E, h0km, mb4.1/13, mbtm4.2/14, ML5.4/1, MS4.1/1, Error ellipse: s-maj=28.1km s-min=14.3km az=83.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, JCJ Chichijima, SSB Waunglung, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR ASAR, etc.

THE 30 03:04:36.1, 36.44N-21.74E, h0km, 3km, ML2.1/3, Error ellipse: s-maj=6.8km s-min=2.7km az=128.0, Southern Greece

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

IDC 30 03:53:29.2, 0.8, 41.45N-83.76E, h0km, mb3.8/7, mbtm3.8/13, ML3.2/6, MS3.3/1, Error ellipse: s-maj=25.4km s-min=12.6km az=57.0

30d 4h

Table of seismic data for stations 30d 4h, including station names, coordinates, and magnitudes.

2018 SEP

Main table of seismic data for 2018 SEP, listing station names, coordinates, and magnitudes.

1912

Table of seismic data for stations 1912, including station names, coordinates, and magnitudes.

30d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV 0.6nm, 0.3s, etc.

IDC 30 07:42:03.9.2.6.21.20Sx178.59W, h582km, 23km, mb3.3/3, mbtmp4.2/6, Error ellipse: s-maj=41.7km s-min=33.5km az=74.0

NEIC 30 07:42:08.2.0.4.21.2S:0.3:179.29W:0.10, h566km, 21km, mb4.0/17, Error ellipse: s-maj=40.2km s-min=10.8km az=191.0

ISC 30 07:42:08.1.5.20.9S:0.2x179.1W:0.2, h619km, n27, a182/28, mb4.0/12, Fiji Islands region

Main table for 30d 8h section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSVF Nonsavu, PINNC Pines Island, WHZ Wether Hill, etc.

NAO 30 08:17:17.3, 36:22N-23:71E, h33km, mb3.6
IDC 30 08:17:19.2-1.1, 36:56N-21:49E, h0km, mb3.7/11, mbtmp3.6/19, ML3.4/6, MS3.0/1, Error ellipse: s-maj=21.3km s-min=14.4km az=166.0

ATH 30 08:17:22.9, 36:62N-21:37E, h7km, 2km, ML3.5/17, Manual Solution by K.Orfanogianniaki This location: 2020/06/25 17:43:11 ML Amplitudes are expressed in micrometers. All distances are expressed in degrees

THE 30 08:17:25.9, 36:75N-21:46E, h14km, ML3.3/8, Error ellipse: s-maj=1.6km s-min=0.8km az=30.0
ISC 30 08:17:21.4:1.5, 36:50N:0.04-21.41E:0.03, h12km, 10km, n78, c140/91, mb3.7/10, Southern Greece

Main table for 30d 8h section (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PVL PYLOS, ITM Ithomi, LTHK Lithakia, etc.

2018 SEP

Table with columns: VAE, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DRME Dracevica, PDB Pedergica, HCY Herceg Novi, etc.

KEST Kesra, 0.1nm, 0.3s, baz=20, slow=15, SNR=2.7

BOJS Bojanci, 10.04 334 ePn, Pn, 08 19 44.7 -0.6

BRTR Keskinn Array B, 10.12 68 Pn, Pn, 08 19 47.2 +0.5

CRES Cresnevi, 10.25 336 ePn, Pn, 08 19 46.6 -1.7

CEY Cerknica, 10.54 332 ePn, Pn, 08 19 51.6 -0.6

OBKA Obir, 11.15 335 ePn, Pn, 08 20 01.1 +0.4

OBKA Obir, 11.15 335 ePn, Pn, 08 20 00.6 -0.1

KBA Kobilainsper, 12.07 333 ePn, Pn, 08 20 13.4 +0.5

MOA Molin, 12.42 337 i Pn, Pn, 08 20 18.1 +0.2

LESA Schwarzleotall, 12.61 332 ePn, Pn, 08 20 22.0 +1.4

DAVOS Davos/Dischmat, 13.32 323 Pn, Pn, 08 20 30.7 +0.4

GERES Geres Array B, 13.48 338 Pn, Pn, 08 20 31.7 -0.8

GERES Geres, 0.22 51.3 -1.1, Sn, 08 22 51.3 -1.1

AKASG Malin Array Be, 15.18 19 Pn, Pn, 08 20 55.3 -0.1

GNI Garmi, 16.62 72 LR, LR, 08 28 39.7

ESDC Sonseca Array, 20.18 286 P, P, 08 21 55.9 +0.1

MDT Mdeli, 21.70 268 P, P, 08 22 11.5 -0.8

HFS Hagfjors, 24.07 351 P, P, 08 22 36.2 -0.2

FINES FINESS Array B, 25.04 5 P, P, 08 22 45.2 +0.1

NB2 NORSAR Subarra, 25.31 348 P, P, 08 22 47.3 -0.3

NOA NORSAR Array B, 25.31 348 P, P, 08 22 46.4 -1.2

TORD Torodi Ar. Bea, 29.29 222 P, P, 08 23 24.5 +0.7

ARCES ARCES Array B, 33.07 3 P, P, 08 23 56.7 +0.2

BVAR Borovoye Array, 37.62 48 P, P, 08 24 36.2 +0.4

KURBB Kurchatov Arra, 42.62 52 P, P, 08 25 16.5 -0.8

MKAR Makanchi Array, 45.54 57 P, P, 08 25 40.1 -0.8

ZALV Zalesovo Beam, 46.23 47 P, P, 08 25 45.2 -1.0

IDC 30 08:27:45.9:1.3, 23:28N:121:11'E, h0km, mb3.5/5, mbtmp3.5/6, ML3.1/1, MS3.1/1, Error ellipse: s-maj=71.8km s-min=21.4km az=66.0

JMA 30 08:27:49.5:0.1, 23:28N:121:11'E, h29km, 3km, MV3.7/10, TAIWAN REGION

TAP 30 08:27:49.5, 23:28N:121:11'E, h31km, ML4.1, C ASIES 30 08:27:49.5, 23:28N:121:11'E, h31km, ML4.1, Mw3.7

Moment Tensor Solution. Moment tensor: Scale 10^21 Nm; Mn:0.33; Mw:3.96; Mss:3.62; Mtt:0.29; Mtt:0.86; Mtr:1.16; Fault plane solution: Mw:4.0777x10^21 NP1: 0.307, 29000, 879, 26000, 1, 165, 89000, NP2: 0.39, 98000, 876, 14000, 1, 11, 07000. Principal axes: T P1g17.5300, Azm263.2820, N Plg72.3300, Azm90.7400, P Plg2.1530, Azm353.9630

ISC 08:27:48.0:0.8, 23:50N:121:12'E:0.02, h30km, 5km, n146, c095/243, mb3.4/5, 12C-36D, Taiwan

Main table for 2018 SEP section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEGC Jichi Village, SHUL Shoufeng, SHUL, EGFH Guangfu, etc.

1914

Main table for 1914 section with columns: TWD, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHKH Chenggong, CHKH, FULB Fuli, ETL Fush Village, NACB Ninganchiao, etc.

TCU	Taichung	1.10 300	eP	Pb	08 28 09.0	-0.3
TCU	baz=302		eS	Sb	08 28 23.0	-0.3
YHNB	baz=302	1.11 344	iP	Pn	08 28 08.4	-0.1
YHNB	Yeheng		iS	Sn	08 28 22.0	-0.9
TWE	Neicheng	1.12 358	P	Pn	08 28 08.3	-0.2
TWE	baz=353		eS	Sw	08 28 22.9	-1.0
NSK	Sanguang	1.12 343	iP	Pn	08 28 08.5	-0.1
NSK	baz=357		iS	Sn	08 28 22.0	-1.1
CHN2	Minshiang	1.14 267	iP	Pb	08 28 09.8	-0.2
CHN2	baz=266		eS	Sb	08 28 24.8	+0.3
TWQ1	Liuyan	1.14 311	iP	Pb	08 28 09.5	-0.5
TWQ1	baz=314		iS	Sb	08 28 24.5	-0.1
SLGT	Liugui	1.15 239	eP	Pb	08 28 09.2	-1.0
SLGT	baz=233		eS	Sn	08 28 23.8	+0.1
SGST	Jiashian	1.16 244	iP	Pn	08 28 08.8	-0.3
SGST	baz=240		eS	Sb	08 28 24.4	-0.6
FUSB	Fushanzhiwuyua	1.17 354	eP	Pn	08 28 09.1	-0.1
FUSB	baz=348		eS	Sn	08 28 23.3	-0.8
CHN1	Nanshi	1.17 250	iP	Pb	08 28 09.7	-0.8
CHN1	baz=246		iS	Sb	08 28 25.0	-0.2
NFF	Wufeng Townshi	1.17 332	eP	Pb	08 28 09.4	-1.1
NFF	baz=245		S	Sn	08 28 23.6	-0.6
TWK	Hsiyung	1.18 254	iP	Pn	08 28 09.5	+0.2
TWK	baz=251		iS	Sb	08 28 24.9	-0.6
SNST	Tainan City	1.18 252	eP	Pb	08 28 09.9	-0.8
SNST	baz=248		iS	Sb	08 28 25.3	-0.3
CHY	Chiayi	1.19 266	iP	Pb	08 28 09.9	-0.9
CHY	baz=264		S	Sb	08 28 25.4	-0.5
NWLT	Wulai	1.19 351	eP	Pn	08 28 09.6	+0.1
NWLT	baz=346		eS	Sn	08 28 24.0	-0.7
NSY	Sanyi	1.20 313	iP	Pb	08 28 10.6	-0.4
NSY	baz=316		eS	Sb	08 28 26.0	0.0
NSTT	Nanjiang	1.22 328	iP	Pb	08 28 10.5	-0.8
NSTT	baz=341		S	Sn	08 28 25.1	-0.3
WTK	Tuku	1.22 275	iP	Pb	08 28 10.2	-1.1
WTK	baz=274		S	Sb	08 28 26.1	-0.7
LIOB	Emei	1.23 329	iP	Pb	08 28 11.0	-0.5
LIOB	baz=331		eS	Sb	08 28 25.7	+0.1
WDJ	Dajia District	1.24 307	eP	Pb	08 28 11.2	-0.4
WDJ	baz=309		iS	Sb	08 28 27.1	-0.1
EGS	Miao14	1.26 9	eP	Pb	08 28 11.9	-0.1
NMLH	Miao14	1.26 318	eP	Pb	08 28 10.8	-1.2
NMLH	baz=320		eS	Sb	08 28 27.6	-0.3
WRL	Guolierlin Hig	1.27 284	eP	Pb	08 28 11.2	-0.9
TSMG	Majia	1.33 228	eP	Pb	08 28 12.1	-1.0
TSMG	baz=221		eS	Sb	08 28 29.4	-0.3
SCST	Cishan	1.33 238	eP	Pb	08 28 13.2	0.0
SCST	baz=249		eS	Sb	08 28 31.1	+1.3
ICHU	Yijhu	1.34 260	eP	Pn	08 28 11.7	+0.2
ICHU	baz=258		eS	Sb	08 28 29.7	-0.5
WTCT	Ta-cheng	1.34 282	eP	Pb	08 28 12.1	-1.3
WTCT	baz=272		iS	Sb	08 28 29.4	-0.9
SBCB	Hsinchu	1.37 331	eP	Pb	08 28 13.2	-0.6
SBCB	baz=321		eS	Sb	08 28 30.8	-0.1
WSL	Shulin Townsh	1.37 267	iP	Pb	08 28 12.5	-1.3
WSL	baz=266		iS	Sb	08 28 29.8	-1.2
NHDH	Xindian Distri	1.37 353	eP	Pb	08 28 12.9	-1.0
NHDH	baz=355		S	Sb	08 28 30.2	-0.8
WSF	Szhu	1.37 272	P	Pn	08 28 12.2	+0.3
WSF	baz=272		iS	Sn	08 28 29.5	+0.4
HSN	Hsinchu	1.38 331	eP	Pb	08 28 13.3	-0.7
HSN	baz=322		eS	Sb	08 28 30.3	-1.0
SHHT	Tainan City	1.38 246	eP	Pb	08 28 14.2	+0.1
SHHT	baz=241		eS	Sb	08 28 11.8	-0.3
TWA	Mucha	1.38 355	eP	Pn	08 28 12.0	-0.4
MASBT	Mashibuluo	1.40 226	eP	Pn	08 28 31.1	-0.7
MASBT	baz=220		eS	Sb	08 28 31.1	-0.7
CHN8	Yiju	1.41 260	P	Pn	08 28 12.9	+0.5
CHN8	baz=258		iS	Sn	08 28 30.7	+0.7
JYNG	Yonagunijimaku	1.41 53	eP	Pb	08 28 14.2	-0.2
JYNG	baz=247		S	Sb	08 28 32.4	+0.3
TWMT	Shoushan	1.42 237	eP	Pb	08 28 15.6	+0.9
TWMT	baz=247		eS	Sb	08 28 34.6	+2.2
SGLT	Jiouru	1.42 233	eP	Pb	08 28 14.9	+0.2
SGLT	baz=213		eS	Sb	08 28 33.6	+1.1
EAST	Anshuo	1.45 214	eP	Pn	08 28 12.0	-1.0
NCUH	Zhongli	1.45 340	eP	Pb	08 28 13.9	-1.3
NCUH	baz=342		S	Sb	08 28 33.3	0.0
YOJ	Yonaguni jima	1.46 54	eP	Pb	08 28 15.0	-0.4
YOJ	baz=58		eS	Sb	08 28 33.8	+0.2
YOJ	Yonaguni jima	1.46 54	eP	Pb	08 28 15.3	-0.1
YOJ	baz=58		eS	Sb	08 28 33.5	-0.1
TAWH	Dawu Township	1.47 212	eP	Pb	08 28 13.3	+0.3
NWF	Wu-fen Shan	1.47 2	P	Pb	08 28 14.2	-1.4
NWF	baz=351		eS	Sb	08 28 32.4	-1.5
WFSB	Wu-fen Shan	1.47 2	eP	Pb	08 28 14.3	-1.2
WFSB	baz=351		eS	Sb	08 28 32.4	-1.5

5X11	Grass Mountain	1.50 5	eP	Pb	08 28 15.1	-1.0
5X11	baz=353		S	Sb	08 28 35.3	+0.6
TWS1	Kuoshinshan	1.52 350	eP	Pn	08 28 13.9	-0.1
YM01	YM01	1.55 355	eP	Pn	08 28 14.6	+0.1
LAY	Lan-yu	1.56 186	eP	Pn	08 28 13.5	-1.0
LAY	baz=175		eS	Sb	08 28 33.1	-0.7
TSCK	Chigu Township	1.56 254	iP	Pn	08 28 15.3	+0.7
TSCK	baz=251		S	Sn	08 28 34.5	+0.7
NTST	Danshui	1.58 351	eP	Pb	08 28 17.3	-0.1
SCZT	Fangliu	1.58 220	eP	Pn	08 28 15.1	+0.2
YM08	YM08	1.59 356	eP	Pn	08 28 14.8	-0.2
LYUB	Lan-yu	1.59 184	eP	Pn	08 28 13.3	-1.7
ANP	Anpu	1.59 354	eP	Pb	08 28 16.7	-1.0
WSSB	Gushan	1.64 235	eP	Pb	08 28 17.3	-1.2
WSSB	baz=229		eS	Sb	08 28 39.5	+0.7
HEN	Hengchun	1.82 210	eP	Pb	08 28 19.9	-1.6
TWKBT	Hengchun	1.85 207	eP	Pn	08 28 18.6	+0.1
TWK1	Hengchun	1.85 207	eP	Pn	08 28 18.8	+0.2
WDGT	Dungji	1.92 260	eP	Pn	08 28 19.4	0.0
HATJ	Hateruma jima	1.96 76	eP	Pb	08 28 21.8	-2.2
PHUB	Peng-hu	1.97 268	iP	Pb	08 28 20.1	-0.1
IRIF	Iriomote-Funau	1.98 68	P	Sb	08 28 22.3	-1.9
IRIF	baz=258		S	Sb	08 28 46.5	-2.0
PNG	Penghu	1.98 270	eP	Pn	08 28 20.1	-0.2
VCHM	Qimei	2.14 260	eP	Pb	08 28 22.2	-0.3
VCHM	baz=258		S	Sb	08 28 25.1	-2.7
JKRS	Kuro-shima	2.19 73	eP	Pb	08 28 52.5	-2.0
JKRS	baz=305		eS	Sb	08 28 26.3	-1.0
VWUC	VWUC	2.49 304	eP	Pn	08 28 30.6	-0.6
PTMZ	Houxiangcun	2.77 302	eP	Pn	08 28 33.8	-0.7
MATB	Ma-tsu	3.01 328	eP	Pn	08 28 36.7	+0.8
KNM	Kimmen	3.11 286	eP	Pn	08 28 33.7	+0.8
KNMB	Chin-men Tao	3.17 287	eP	Pn	08 28 35.4	-1.2
MHZO	Yeshan	3.49 316	eP	Pn	08 28 40.0	-1.1
ZPLA	Ao Xicun	3.65 276	eP	Pn	08 28 42.4	-0.9
SXFK	Yanouchang	4.63 308	eP	Pn	08 28 56.1	-0.7
KSR5	Korea Array	14.80 20	Pn	P	08 31 23.2	+1.5
KSR5	baz=276		P	P	08 31 23.2	+1.5
SOMN	Songino Array	27.10 337	P	P	08 33 31.4	+2.3
SOMN	baz=287		LR	LR	08 46 20.0	
MKAR	Makanchi Array	39.10 316	P	P	08 35 13.7	+0.3
MKAR	baz=302		P	P	08 35 13.7	+0.3
H1N11	WAKE ISLAND Hy 42.03	86 T	T	T	09 20 46.6	
H1N12	WAKE ISLAND Hy 42.03	86 T	T	T	09 20 42.9	
H1N13	WAKE ISLAND Hy 42.05	86 T	T	T	09 20 44.7	
H1S13	WAKE ISLAND Hy 42.15	88 T	T	T	09 20 52.4	
H1S11	WAKE ISLAND Hy 42.16	88 T	T	T	09 20 54.4	
H1S12	WAKE ISLAND Hy 42.16	88 T	T	T	09 20 59.7	
KURBB	Kurchatov Array	47.82 320	P	P	08 35 44.1	-0.2
KURBB	baz=284		P	P	08 35 44.1	-0.2
WRA	Warramunga Arr	44.99 163	P	P	08 36 00.8	-0.8
WRA	baz=284		P	P	08 36 00.8	-0.8
ASAR	Alice Springs	48.45 165	P	P	08 36 30.4	+1.7
ASAR	baz=284		P	P	08 36 30.4	+1.7

OK052	Battle Ridge R	1.29 156		Pn	08 39 32.3	-0.3
OK031	S. Brethren Rd	1.32 158		Pn	08 39 32.9	0.0
OK031			IAML		08 39 55.7	
OK029	Lurey Lake	1.38 180		Pg	08 39 33.8	0.0
ADOK	Alzadia Dam	1.53 178		Pb	08 39 36.6	-0.1
DEOK	Depew	1.54 150		Pb	08 39 36.5	-0.4
R32A	Long Quarter	1.59 322		Pb	08 39 37.4	-0.4
OKCSW	OKLAHOMA CITY	1.77 180		Pb	08 39 40.3	-0.5
TUL3	Leonard	1.84 133		Pb	08 39 41.3	-0.7
TUL3			IAMB_Lg		08 40 07.5	
KSU1	Kansas State U	2.03 19		Pn	08 39 42.7	0.0
KSU1			IAMB_Lg		08 40 14.3	
RLO	Rock Lockout	2.20 117		Pn	08 39 46.1	+1.1
U38A	Gravette	2.57 106		Pb	08 39 52.7	-1.8
WMOK	Wichita Mounta	2.67 204		Pn	08 39 52.2	+0.8
HHAR	Hobbs	2.96 107		Pn	08 39 57.0	+1.4
S39A	Soliva	3.33 80		IAMB_Lg	08 40 59.8	
WTF5	Witchita Falls	3.50 194		Pn	08 40 03.2	+0.2
Z35A	Perchaven, San	3.84 178		Pn	08 40 07.0	-0.7
P38A	Dawn	3.93 50		IAMB_Lg	08 41 16.7	
N35A	Tabor	3.94 20		IAMB_Lg	08 41 23.0	
MIAR	Mount Ida	4.10 129		Pn	08 40 12.4	+1.2
AMTX	Amarillo	4.12 237		IAMB_Lg	08 41 18.1	
R40A	Madras Stato	4.26 73		IAMB_Lg	08 41 24.2	
BGNE	Belgrade	4.26 353				

30d 8h

Table with columns: JOB, Onbets, 1.39 70 A, A, 08 54 28.4, etc. Lists various jobs and their details.

2018 SEP

Table with columns: TEY, Ternei, 4.72 305 eP, Pn, 08 55 12.2 -1.2, etc. Lists TEY jobs and their details.

1916

Table with columns: OKH, Okha, 11.13 3 eP, Pn, 08 56 45.2 +4.0, etc. Lists OKH jobs and their details.

30d 8h

G21K	Allakaket	41.93	33	P	P	09 01 51.1	-0.2
F21K	Alatina River	41.97	32	P	P	09 01 51.2	-0.5
F21K	Alatina River	41.97	32	P	P	09 01 51.2	-0.5
MAKZ	Makanchi	42.07	297	P	P	09 01 51.5	-1.3
MAKZ	Makanchi	42.07	297	P	P	09 01 51.5	-1.3
MAKZ	comp=Z,19nm,1.1s				MLR	MLR	
MAKZ	comp=Z,500nm,18.0s						
MAKZ	Makanchi	42.07	297	P	P	09 01 51.8	-1.0
MAKZ	Styx River	42.16	40	P	P	09 02 01.2	-2.4
M20K	Styx River	42.16	40	P	P	09 02 01.2	-2.4
M20K	comp=Z,63nm,1.6s				IAMS_20	IAMS_20	09 18 04.9
M20K	comp=Z,673nm,18.0s						
M20K	Styx River	42.16	40	P	P	09 01 52.6	-0.7
Q19K	Cape Douglas,	42.16	44	P	P	09 01 52.5	-0.9
SII	Sitkinak Islan	42.18	48	P	P	09 01 52.8	-0.7
H21K	Melozitna Rive	42.20	34	P	P	09 01 53.4	-0.2
B22K	Teshepkuk Lake	42.23	27	P	P	09 01 53.5	-0.2
P19K	Oil Pt	42.29	43	P	P	09 01 53.2	-1.2
D22K	Aiyikay River	42.29	29	P	P	09 01 54.3	-0.6
CHUM	Lake Minchumin	42.43	37	P	P	09 01 55.5	+0.1
F22K	John River	42.48	31	P	P	09 01 55.2	-0.6
PPLA	Purkeypile	42.53	38	P	P	09 01 55.5	-1.0
I21K	Tanana	42.54	35	P	P	09 01 55.9	-0.5
I21K	comp=Z,785nm,21.0s						
O20K	Slope Mountain	42.55	42	P	P	09 01 55.2	-1.4
OHAK	Old Harbor	42.57	47	P	P	09 01 55.8	+1.6
OHAK	Old Harbor	42.57	47	P	P	09 01 55.9	-0.7
N20K	Mount Spurr	42.65	41	P	P	09 01 56.5	-0.8
PHRA	Phrae Spurr	42.65	249	P	P	09 01 58.4	+0.7
SPCR	Phrae Spurr	42.65	41	P	P	09 01 56.5	-0.8
G22K	Bettles	42.73	32	P	P	09 01 57.1	-0.7
H22K	Ishlatina Cre	42.79	34	P	P	09 01 56.6	-1.8
Q20K	Shuyak Island	42.84	44	P	P	09 01 57.2	-1.6
KDAK	Kodiak Island	42.86	46	LR	LR	09 21 30.4	
KDAK	comp=Z,387nm,20.1s,baz=260,slow=58						
KDAK	Kodiak Island	42.86	46	P	P	09 01 57.3	-1.7
SKT	Skwentna	42.90	39	P	P	09 01 57.3	-2.0
BPAW	Bear Paw Mtn.	43.01	36	P	P	09 01 58.5	-1.7
KTH	Kantishna Hill	43.07	37	IAMS_20	IAMS_20	09 21 18.9	
MLY	Manley	43.07	35	IAMS_20	IAMS_20	09 21 15.8	
MLY	comp=Z,724nm,19.0s						
MLY	Manley	43.07	35	P	P	09 01 59.6	-1.2
HOM	Home	43.09	43	P	P	09 01 59.3	-1.5
D23K	Nanushuk River	43.09	29	IAMB	IAMB	09 02 11.8	
D23K	comp=Z,32nm,1.1s						
D23K	Nanushuk River	43.09	29	P	P	09 01 59.2	-1.5
C23K	Ikilik River	43.15	28	P	P	09 02 00.6	-0.6
KURK	Kurchatov	43.16	304	P	P	09 02 00.6	-0.9
KURK	comp=Z,28nm,0.6s				IAMB	IAMB	09 02 02.9
KURK	Kurchatov	43.16	304	eP	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	iP	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	comp=Z,38nm,1.1s						
KURK	Kurchatov	43.16	304	P	P	09 02 00.4	-1.1
KURK	Kurchatov	43.					

Table with columns for station ID, name, coordinates, and status. Includes stations like J29N Klondike Camp, O28M Mount Dapton, AAK Ala-Archa, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like S32K Hillisnoo, ARTI Arti, ARTI Arti, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like OBN comp=Z,46nm,1.3s, OBN comp=Z,504nm,16.0s, PALK Palleke, etc.

Table of astronomical observations for 1921, including stations like BOVS, X18A, RAYN, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2018 SEP, including stations like URZ, TX31, TXAR, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 30d 9h, including stations like WRA, ASAR, GSPA, etc., with columns for station name, coordinates, and observation details.

1923

2018 SEP

30d 9h

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like P19K Oil Pt, PLK1 Peulik 1, SEW Seward, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like M18K Stony River, RKAV Rock Avalanche, GLB Gilahina Butte, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like DAWY Dawson, H21K Melozitna River, EGAK Eagle, etc.

30d 9h

Table with columns: Code, Station Name, Az, Phase, ID, Time Res, ISC. Includes stations like VRAN, GERES, AAK, DAVOX, PZH, ESDC, GSPA.

NEIC 30 09:42:22.5, 1.5, 28.5S; 0.1x178.2W; 0.2, h160km, 6km, mb4.6/39, Error ellipse: s-maj=22.0km s-min=16.8km az=85.0

ISC 30 09:42:22.5, 0.4, 28.5S; 178.21W, h170km, 4km, mb4.0/19, mbtpp4.5/21, Error ellipse: s-maj=12.2km s-min=11.0km az=170.0

ISC 30 09:42:22.8, 0.5, 28.93S; 0.05x178.19W; 0.07, h181km, 3km, h182km; p-P, n160, c29/166, mb4.5/48, 10C, Kermadec Islands region

Main table of station data for the 30-day period, listing station codes, names, coordinates, and seismic parameters.

2018 SEP

Main table of station data for the 2018 September period, listing station codes, names, coordinates, and seismic parameters.

1924

Table of station data for the 1924 period, listing station codes, names, coordinates, and seismic parameters.

NEIC 30 09:50:33.8, 1.9, 56.0N; 0.1x149.94W; 0.07, h10km, n136, e111/130, Gulf of Alaska

NEIC 30 09:50:33.2, 2.1, 55.81N; 0.09x149.9W; 0.1, h8km, 6km, ML3.6/52, ML3.4(AEIC), Error ellipse: s-maj=14.0km s-min=8.7km az=168.0

NEIC 30 09:50:33.8, 1.9, 56.0N; 0.1x149.94W; 0.07, h10km, n136, e111/130, Gulf of Alaska

Main table of station data for the 1924 period, listing station codes, names, coordinates, and seismic parameters.

ARMA Armidale	30.01 241	P	P	10 57 48.3 +1.4	MWH Mokuaweowe	43.61 31	P	Iamb	P	10 59 39.0 0.0	NWAO Narrogin (SRO)	59.30 242	P	P	11 01 31.4 -0.1
ARMA Armidale	30.01 241	UP	P	10 57 48.0 +1.1	MWH					10 59 49.2	NWAO Narrogin (SRO)	59.30 242	P	P	11 01 31.7 +0.2
PYZ Puysegur Point	30.45 201	P	P	10 57 50.2 -0.1	comp-Z,699nm,1.2s					10 59 39.8 +0.8	NWAO Narrogin (SRO)	59.30 242	P	P	11 01 30.6 -0.8
PYZ		Iamb	Iamb	10 57 53.4	HUH Hualalai	43.66 31	P	Iamb	P	10 59 39.8 +0.8	NWAO		pmax	pmax	
comp-Z,320nm,0.8s					HUH					10 59 41.2	comp-Z,539nm,0.9s				
PYZ Puysegur Point	30.45 201	P	P	10 57 52.8 +2.5	comp-Z,846nm,1.1s					10 59 39.9 +0.7	NWAO Narrogin (SRO)	59.30 242	P	P	11 01 31.2 -0.2
KWJN Gagan, Kwajale	30.92 331	P	P	10 57 55.7 +1.0	PUH Pauahi	43.71 32	P	Iamb	P	10 59 41.2	NWAO		pP	pP	11 03 21.7 -2.1
KWJN		pP	pP	10 59 25.2 -0.5	PUH					10 59 41.2	JCJ Chichijima	59.43 319	UP	P	11 01 31.7 -0.6
MGCD Mangrove Creek	31.31 236	P	P	10 58 00.1 +2.2	comp-Z,694nm,1.1s					10 59 40.5 +1.1	RKY Rocky Gully	59.44 240	P	P	11 01 33.2 +0.8
RIV Riverview	31.49 235	P	P	10 58 02.0 +2.6	RNH Rainshead	43.75 32	P	Iamb	P	10 59 39.4 -0.2	SBA Scott Base	59.96 184	P	P	11 01 37.5 +2.4
RIV Riverview	31.49 235	P	P	10 58 00.7 +1.3	GENI Genyem	43.83 286	UP	P	P	10 59 41.7 +1.5	SBA		Iamb	Iamb	11 03 30.4
comp-Z,795nm,1.2s		pmax	pmax		GENI Genyem	43.83 286	UP	P	P	10 59 40.6 +0.4	SBA Scott Base	59.96 184	P	P	11 01 37.5 +2.4
RIV Riverview	31.49 235	UP	P	10 58 00.5 +1.1	comp-Z,3um,1.0s					10 59 40.7 +0.3	KMSI		pmax	pmax	
SYDH Sydney Hard Ro	31.79 235	P	P	10 58 02.8 +0.8	JOKA Jonika Flow	43.87 32	P	Iamb	Iamb	10 59 42.9	MUN Munding	60.22 243	P	P	11 01 35.8 -0.5
WOLH Wolongong Har	31.93 234	P	P	10 58 03.3 +0.7	JOKA					10 59 42.9	MUN Munding	60.22 243	P	P	11 01 37.8 +0.2
RABL Rabaul	32.37 292	P	P	10 58 06.1 -1.0	POHA Pohakuloa	43.88 31	UP	P	P	10 59 41.0 +0.4	LUWI Luwuk	60.53 279	P	P	11 01 39.2 -0.7
TV1H Townsville Har	33.26 263	P	P	10 58 14.7 +0.1	POHA Pohakuloa	43.88 31	UP	P	P	10 59 52.5	LUWI Luwuk	60.53 279	UP	P	11 01 40.3 +0.4
CNB Canberra Magne	33.41 233	P	P	10 58 17.2 +1.4	POHA Pohakuloa	43.88 31	UP	P	P	10 59 40.5 -0.2	LUWI Luwuk	60.53 279	UP	P	11 01 40.3 +0.4
CAN Canberra	33.69 233	P	P	10 58 18.4 +0.3	KEKH Kekeha	43.95 25	P	Iamb	Iamb	10 59 41.0 +0.1	MTKN Mount Kenneth	60.59 243	P	P	11 01 41.3 +1.3
CAN Canberra	33.69 233	P	P	10 58 19.2 +1.1	KEKH Kekeha					10 59 42.8	MORW Morawa	60.61 247	P	P	11 01 39.7 -0.5
CAN Canberra	33.69 233	P	P	10 58 18.4 +0.3	comp-Z,1um,1.1s					10 59 42.8	MORW Morawa	60.61 247	UP	P	11 01 42.5 -0.6
comp-Z,950nm,0.9s					MHA Mahukona	44.06 31	P	Iamb	Iamb	10 59 42.9 +1.1	MORW Morawa	60.61 247	UP	P	11 01 40.4 +0.1
CAN Canberra	33.69 233	UP	P	10 58 18.8 +0.7	MHA Mahukona	44.06 31	P	Iamb	Iamb	10 59 42.9 +1.1	BSSI Batu Sada	61.03 273	P	P	11 01 39.8 -0.5
CTAO Charters Tower	33.72 261	UP	P	10 58 18.6 +0.2	KIP Kipapa	44.16 27	P	Iamb	Iamb	10 59 43.2 -0.3	WBSI Waikabubak, Su	61.08 269	P	P	11 01 42.9 -0.6
CTAO Charters Tower	33.72 261	P	P	10 58 18.6 +0.5	KIP Kipapa					10 59 43.0 +0.5	DAV Davao City (W)	61.09 289	P	P	11 01 43.5 -0.1
CTAO Charters Tower	33.72 261	P	P	10 58 18.6 +0.2	comp-Z,418nm,1.3s					10 59 43.0 +0.5	comp-Z,805nm,0.9s				
comp-Z,1um,0.8s		pmax	pmax		KIP					10 59 43.0 +0.5	APSI Ampana	61.63 279	P	P	11 01 47.8 +0.7
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa	44.16 27	P	Iamb	Iamb	10 59 43.0 +0.5	BKSI Bulukambing	61.63 274	P	P	11 01 46.0 -1.1
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	H01W1 Cape Leeuwin H	61.74 240	P	P	11 01 49.1 +1.8
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	H01W2 Cape Leeuwin H	61.74 240	P	P	11 01 49.2 +1.9
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	MRSI Marisa	61.81 281	P	P	11 01 47.6 -0.9
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	BNSI Bone	61.93 275	P	P	11 01 48.5 -0.6
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.5 -0.5
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 50.5 +0.5
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.4 -0.6
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 50.1 0.0
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.5 -0.5
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	62.08 274	P	P	11 01 49.7 -0.3
CTAO Charters Tower	33.72 261	P	P	10 58 18.4 0.0	KIP Kipapa					10 59 43.0 +0.5	KAPI Kappang	6			

30d 10h

Table with columns for station name, frequency, power, and signal quality. Includes stations like Wachi, Amchitka, Sado, etc.

2018 SEP

Table with columns for station name, frequency, power, and signal quality. Includes stations like TNG, TNG, TNG, etc.

1928

Table with columns for station name, frequency, power, and signal quality. Includes stations like VLA, Vladivostok, Mys Shuista, etc.

N14K	baz=196,SNR=63	S	S	11 12 43.7	-0.1	
BTDF	baz=196	S	S	11 03 31.4	+0.3	
BTDF	Bukit Timah Da comp=Z,689nm,0.8s	P	P	79.22 275	P	
MYKOM	Kota Tinggi	79.29 275	P	P	11 03 31.9	+0.5
MYKOM	Kota Tinggi	79.29 275	P	P	11 03 31.4	0.0
P17K	Kvichak River comp=Z,464nm,1.1s	79.31 11	P	P	11 03 30.2	-0.2
P17K	baz=201	S	S	11 12 45.5	+0.1	
P17K	baz=201	S	S	11 12 45.5	+0.1	
O16K	Kokwok River B baz=199,SNR=51	79.39 10	P	P	11 03 29.9	-0.9
O16K	baz=199	S	S	11 12 43.9	-2.4	
M13K	Dall Lake baz=194,SNR=16	79.42 7	P	P	11 03 31.7	+0.8
M13K	baz=194	S	S	11 12 49.4	+2.9	
NVAR	Mina Array Bea comp=Z,172nm,0.7s, baz=224,slow=8.7,SNR=984	79.53 44	P	P	11 03 33.5	+1.1
NVAR	comp=Z,30nm,0.8s, baz=229,slow=9.9,SNR=3	pP	pP	11 05 31.3	-2.0	
NVAR	comp=Z,1.1nm,0.9s, baz=295,slow=4.9,SNR=3	SKSac	SKSac	11 12 52.7	-3.8	
NVAR	comp=Z,1.6nm,0.6s, baz=54,slow=4.9,SNR=9.3	PKKpbc	PKKpbc	11 22 17.3	+0.1	
NVAR	comp=Z,2.9nm,1.1s, baz=81,slow=2.1,SNR=5.7	P	P	11 30 11.4	-7.4	
Q20K	Shuyak Island baz=205,SNR=68	79.58 13	P	P	11 03 32.1	+0.2
Q20K	baz=205	S	S	11 12 47.9	-0.3	
Q19K	Cape Douglas, baz=204,SNR=54	79.61 13	P	P	11 03 31.7	-0.3
Q19K	baz=204	S	S	11 12 48.1	-0.6	
Q19K	baz=204	S	S	11 12 48.1	-0.6	
GRNR	Gornyy comp=E,30nm,1.2s	79.62 333	l/P	l/P	11 03 33.2	+0.9
GRNR	comp=N,70nm,0.9s	eS	eS	11 05 31.8		
GRNR	comp=Z,300nm,0.7s	pmx	pmx	11 12 45.4	-3.7	
GRNR	comp=E,20nm,1.2s	smx	smx			
N15K	Kwethluk River baz=197,SNR=46	79.62 9	P	P	11 03 32.5	+0.4
N15K	baz=197	S	S	11 12 47.7	-1.1	
NKL	Nikolayevsk comp=N,178nm,0.8s	79.66 336	eP	eP	11 03 31.2	-1.2
NKL	comp=Z,1µm,1.0s	pmx	pmx	11 05 30.7		
NKL	comp=E,316nm,0.9s	pmx	pmx			
P18K	Big Mountain, baz=202,SNR=72	79.72 12	P	P	11 03 32.2	-0.5
P18K	baz=202	S	S	11 12 48.6	-1.1	
O17K	Koliganek Bris baz=200,SNR=62	79.73 11	P	P	11 03 32.1	-0.5
O17K	baz=200	S	S	11 12 48.5	-1.3	
M14K	Bethel baz=196,SNR=43	79.92 8	P	P	11 03 34.1	+0.5
M14K	baz=196	S	S	11 12 53.3	+1.6	
Q1Z	Qiongzong comp=E,8µm,4.9s	79.97 294	P	P	11 03 34.8	0.0
Q1Z	Qiongzong	pP	pP	11 05 34.0	+1.3	
Q1Z	Kaiserville	80.00 43	P	P	11 06 28.5	-0.7
Q1Z	Kaiserville	80.00 43	P	P	11 12 55.3	+1.4
Q1Z	Kaiserville	80.00 43	P	P	11 16 25.5	+2.3
Q1Z	Kaiserville	80.00 43	P	P	11 03 35.5	+0.7
Q1Z	Kaiserville	80.00 43	P	P	11 03 35.9	+1.0
BUCK	Buck Mountain comp=Z,244nm,0.8s	80.02 37	P	P	11 03 35.9	+1.2
M15K	Kasigluk River baz=197,SNR=51	80.04 9	P	P	11 03 34.7	+0.5
M15K	baz=197	S	S	11 12 52.6	-0.3	
COR	Corvallis baz=197	80.08 36	P	P	11 03 36.2	+1.4
N16K	Nishik Lake baz=199,SNR=64	80.12 10	P	P	11 03 35.3	+0.6
N16K	baz=199	S	S	11 12 52.8	-1.0	
O18K	Koktuh Hills baz=202,SNR=161	80.15 11	P	P	11 03 34.8	-0.1
O18K	baz=202	S	S	11 12 52.9	-1.2	
O18K	baz=202	S	S	11 12 52.9	-1.2	
DL2	Dalian comp=Z,320nm,0.9s	80.18 317	P	P	11 03 36.0	+0.5
DL2	DL2	pmx	SKSac	11 12 57.0	-3.3	
DL2	DL2	pmx	SKSac			
P19K	Oil Pt baz=204,SNR=71	80.36 12	P	P	11 03 35.7	-0.3
P19K	baz=204	S	S	11 12 56.3	0.0	
L14K	Kuka Creek baz=195,SNR=42	80.40 7	P	P	11 03 36.6	+0.5
L14K	baz=195	S	SKSac	11 12 58.8	-2.0	
N17K	Nushagak Hills baz=200,SNR=36	80.43 10	P	P	11 03 36.2	-0.1
N17K	baz=200	S	S	11 12 56.4	-0.5	
SNY	Shenyang comp=Z,10µm,4.0s	80.58 320	l/P	l/P	11 03 37.8	+0.3
SNY	SNY	pP	pP	11 05 38.3	+2.7	
SNY	SNY	sP	sP	11 06 30.0	-2.0	
SNY	SNY	S	S	11 13 03.8	+4.7	
M16K	Timber Creek baz=198,SNR=169	80.61 9	P	P	11 03 38.4	+1.1
M16K	baz=198	S	SKSac	11 13 00.4	-1.9	
CN2	Changchun comp=Z,500nm,1.7s	80.61 322	eP	eP	11 03 37.8	+0.2
CN2	CN2	pP	pP	11 05 38.3	+2.8	
CN2	CN2	esP	esP	11 06 38.3	-3.6	
CN2	CN2	eS	eS	11 13 04.8	+5.3	
CN2	CN2	SS	SS	11 18 33.3	+4.4	
CN2	CN2	pmx	pmx			
O19K	Port Aisworth baz=203,SNR=204	80.64 12	P	P	11 03 37.0	-0.3
O19K	baz=203	S	S	11 12 58.0	-1.0	
O19K	baz=203	S	S	11 12 58.0	-1.0	
BNX	BinXian comp=Z,11µm,5.1s	80.69 325	l/P	l/P	11 03 38.0	0.0
BNX	BNX	pP	pP	11 05 38.3	+2.3	
BNX	BNX	sP	sP	11 06 30.0	-2.3	
BNX	BNX	S	S	11 12 59.0	-1.1	
BNX	BNX	sS	sS	11 16 28.5	-1.3	
BNX	BNX	pmx	pmx			
HOM	Homer comp=Z,10µm,4.3s	80.70 13	P	P	11 03 37.9	+0.2
HOM	baz=205,SNR=70	S	S	11 13 00.0	+0.4	
KLR	Kul'dur comp=Z,701nm,2.9s	80.70 329	d/P	d/P	11 03 38.5	+0.5
KLR	Kul'dur	pmx	pmx			
K13K	Kusilvak Mount baz=193,SNR=22	80.76 6	P	P	11 03 38.7	+0.8
K13K	baz=199	S	SKSac	11 13 02.4	-0.8	

N18K	Kilae Creek baz=201,SNR=30	80.80 11	P	P	11 03 38.0	-0.3
N18K	baz=201	S	S	11 13 00.1	-0.6	
N18K	baz=201	S	S	11 13 00.1	-0.6	
O20K	Slope Mountain baz=204	80.87 13	P	P	11 03 38.2	-0.4
O20K	baz=204	S	S	11 13 01.2	-0.4	
O20K	baz=204	S	S	11 13 01.2	-0.4	
L15K	Unalak Mounta baz=196,SNR=65	80.88 8	P	P	11 03 38.9	+0.3
L15K	baz=196	S	SKSac	11 13 02.8	-1.3	
BRSE	Bradley Lake S baz=206,SNR=140	80.97 14	P	P	11 03 39.1	0.0
BRSE	baz=206	S	S	11 13 02.0	-0.5	
I05D	Terrebonne, OR comp=Z,455nm,1.0s	81.04 37	P	I/Amb	11 03 41.0	+1.0
I05D	I05D	I/Amb	I/Amb	11 03 42.0		
F04D	Rainier, OR comp=Z,977nm,1.0s	81.16 35	P	P	11 03 42.0	+1.5
WHN	Wuhan	81.17 306	l/P	l/P	11 03 41.5	+0.7
WHN	WHN	pP	pP	11 05 40.0	+0.8	
WHN	WHN	sP	sP	11 06 49.8	+4.5	
WHN	WHN	S	S	11 13 09.8	+4.2	
WHN	WHN	pmx	pmx			
WHN	WHN	pmx	pmx			
N19K	Bonanza Creek baz=203,SNR=108	81.18 11	P	P	11 03 39.5	-0.7
N19K	baz=203	S	S	11 13 03.0	-1.7	
N19K	baz=203	S	S	11 13 03.0	-1.7	
L16K	Owhat River baz=198,SNR=117	81.19 9	P	P	11 03 41.0	+0.8
L16K	baz=198	S	S	11 13 07.4	+2.9	
M17K	Holinta River baz=200,SNR=133	81.21 10	P	P	11 03 41.5	+1.2
M17K	baz=200	S	SKSac	11 13 06.5	+0.2	
CNSH	ChangSha comp=Z,29nm,4.0s	81.22 303	P	P	11 03 41.8	+0.7
CNSH	CNSH	S	S	11 13 02.8	-3.4	
SVW2	Sparrevohn comp=Z,947nm,1.0s	81.24 11	P	P	11 03 41.3	+0.8
R11B	Troy Canyon, C baz=238,SNR=152	81.28 45	P	P	11 03 41.8	+0.3
R11B	R11B	81.28 45	P	P	11 03 42.4	+0.9
R11B	R11B	S	S	11 13 10.1	+3.2	
H02S1	DAWSON INLET T SNR=194	81.41 26	P	P	11 03 41.7	+0.3
K15K	Wolf Creek Mou baz=196,SNR=172	81.47 8	P	P	11 03 42.7	+1.1
K15K	baz=196	S	S	11 13 10.3	+3.0	
BKNI	Bangkinang comp=Z,977nm,1.5s	81.48 273	P	P	11 03 43.2	+0.4
PPSI	Pulau Pagal comp=Z,977nm,1.0s	81.50 270	P	P	11 03 44.6	+1.7
WVOR	Wild Horse Val baz=201,SNR=58	81.55 40	P	P	11 03 43.8	+1.1
M18K	Stony River baz=201,SNR=58	81.57 11	P	P	11 03 42.4	+0.3
M18K	baz=201	S	SKSac	11 13 08.8	+0.2	
SEW	Seward baz=207,SNR=54	81.59 14	P	P	11 03 41.8	-0.4
SEW	SEW	S	S	11 13 07.4	-1.2	
PDSI	Padang comp=Z,519nm,0.9s	81.64 272	P	P	11 03 42.1	-1.6
BELA	Belgrano 2 baz=207,SNR=54	81.65 173	P	I/Amb	11 03 42.9	+0.4
BELA	BELA	I/Amb	I/Amb	11 03 44.2		
J14K	Namvaranak Lak baz=194	81.67 7	P	P	11 03 42.9	+0.3
J14K	baz=194	S	S	11 13 11.4	+2.1	
COCO	West Island comp=Z,808nm,1.8s	81.68 260	P	P	11 03 45.5	+1.7
COCO	COCO	81.68 260	P	P	11 03 45.1	+1.3
COCO	COCO	pmx	pmx			
COCO	COCO	pmx	pmx			
COCO	COCO	pmx	pmx			
COCO	COCO	pmx	pmx			
TUC	Tucson comp=Z,1µm,2.7s	81.72 52	P	P	11 03 45.2	+1.4
MA2	Magadan baz=194	81.75 345	P	P	11 03 45.7	+2.0
MA2	Magadan	81.75 345	d/P	d/P	11 03 42.1	-1.0
MA2	Magadan	81.75 345	d/P	d/P	11 03 42.1	-1.0
Q23K	Middleton Isla baz=210,SNR=8.3	81.75 16	P	P	11 03 43.1	+0.1
Q23K	Q23K	S	S	11 13 11.0	+0.8	
Q23K	Q23K	S	S	11 13 11.0	+0.8	
MID	Middleton Isla baz=199	81.75 16	P	P	11 03 43.2	+0.1
L17K	Donlin baz=199,SNR=132	81.77 9	P	P	11 03 44.4	+1.2
L17K	baz=199	S	S	11 13 13.1	+2.8	
CAPN	Captain Cook N baz=206,SNR=7.2	81.81 13	P	P	11 03 44.1	+0.8
CAPN	baz=206	S	S	11 13 13.3	+2.6	
TIA	Tai'an comp=Z,250nm,1.0s	81.83 312	P	P	11 03 44.5	+0.4
TIA	TIA	pP	pP	11 05 45.5	+2.7	
TIA	TIA	sP	sP	11 06 36.8	-2.3	
TIA	TIA	PP	PP	11 07 05.5	+3.6	
TIA	TIA	S	S	11 13 14.0	+1.9	
TIA	TIA	pmx	pmx			
O22K	Cooper Landing baz=207,SNR=107	81.86 14	P	P	11 03 43.3	-0.3
O22K	baz=207	S	S	11 13 10.8	-0.5	
G06A	Carlson Farm, Mount Spurr baz=205,SNR=95	81.98 37	P	P	11 03 45.4	+0.7
N20K	N20K	81.98 12	P	P	11 03 43.3	-1.0
N20K	N20K	S	SKSac	11 13 10.6	-0.9	
SPCR	Spurr Chakacha baz=205,SNR=76	81.98 12	P	P	11 03 43.3	-1.0
SPCR	SPCR	S	SKSac	11 13 10.4	-1.2	
P23K	Montague Islan baz=209	81.98 15	P	P	11 03 43.8	-0.4
P23K	P23K	S	S	11 13 11.9	-0.6	
P23K	P23K	S	S	11 13 11.9	-0.6	
GAMB	Gambell baz=186,SNR=15	82.05 3	P	P	11 03 45.2	+0.8
GAMB	GAMB	S	S	11 13 14.5	+1.6	
GULI	Gullin comp=Z,350nm,1.5s	82.06 300	l/P	l/P	11 03 45.3	-0.2
GULI	GULI	pP	pP	11 05 43.8	+0.1	
GULI	GULI	sP	sP	11 06 43.0	+3.4	
GULI	GULI	SKS	SKS	11 13 15.0	+0.2	
GULI	GULI	pmx	pmx			
L18K	Granite Mounta baz=200,SNR=150	82.11 10	P	I/Amb	11 03 45.5	+0.7
L18K	L18K	I/Amb	I/Amb	11 03 46.8		
L18K	L18K	S	S	11 03 45.7	+0.8	
L18K	L18K	S	S	11 13 15.6	+1.9	
L18K	L18K	S	S	11 13 15.6	+1.9	
M19K	Big River Lodg baz=203	82.21 11	P	P	11 03 45.1	-0.3
M19K	baz=203	S	S	11 13 14.8	0.0	
M19K	baz=203	S	S	11 13 14.8	0.0	
K17K	Iditarod baz=199,SNR=61	82.32 9	P	P	11 03 45.6	-0.3
K17K	K17K	82.32 9	P	P	11 03 46.7	+0.7
K17K	K17K	S	S	11 13 18.4	+2.6	

30d 10h

2018 SEP

1930

Table with columns for station ID, name, date, time, and various numerical values. Includes stations like PPLA, S31K Pelican, MESA, etc.

Table with columns for station ID, name, date, time, and various numerical values. Includes stations like CHUM Lake Minchumin, F15K, GCSA, etc.

Table with columns for station ID, name, date, time, and various numerical values. Includes stations like NEA2, K24K, Q32M, etc.

30d 10h

Table with columns: WORD, Divnogie, 136.08 326, ePKIKP, PKPdf, 11 10 38.2, -2.5. Includes entries like AKN Aaknes, AKN Aaknes, AKN Ghenzi, etc.

2018 SEP

Table with columns: HOMB, comp=2,4um,3.4s, eSKPdf, SKPdf, 11 10 50.9. Includes entries like HOMB Silvan-Diyarba, HOMB Silvan-Diyarba, HOMB Silvan-Diyarba, etc.

1934

Table with columns: VARL, Vartez, 145.18 328, PKPab, 11 10 59.3, +0.1. Includes entries like VARL Vartez, BUR08 Bucovina Ar. S, BUR08 Bucovina Ar. S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VAO Valinhos, BDFB Brasilia, TXAR Lajitas Array, QSPA South Pole Qui, TORO Torodi Ar. Bea, MKAR Makanechi Array.

AEIC 30 11:25:06.0, 1.3, 55.99N, 0.09, 149.19W, 0.1, h12km, 8km, Error ellipse: s-maj=14.1km s-min=8.2km az=163.0

NEIC 30 11:25:07.1, 4.56, 202N, 0.05, 149.9W, 0.1, h21km, 10km, ML3.6/58, ML3.4(AEIC), Error ellipse: s-maj=10.5km s-min=3.0km az=126.0, Gulf of Alaska

Main table for 1937 section, listing station codes and names (e.g., OHAK Old Harbor, KODAK Kodiak Island, SYI Shuyak Island, CHIR Chirikof Island, etc.) with associated data.

Table for 2018 SEP section, listing station codes and names (e.g., VRDI Verde Repaeter, RKAV Rock Avalanche, M18K Stony River, etc.) with associated data.

ICD 30 11:33:13.9, 2.6, 18.34S, 176.63E, h0km, mb3.6/3, mbmtmp3.9/8, Error ellipse: s-maj=291.7km s-min=35.0km az=161.0, Fiji Islands region

Table for ICD 30 11:33:13.9, listing station codes and names (e.g., WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array).

ICD 30 11:47:11.7, 2.4, 9.69N, 125.56E, h0km, mb3.6/3, mbmtmp3.6/3, Error ellipse: s-maj=320.4km s-min=34.5km az=70.0, Mindanao

Table for ICD 30 11:47:11.7, listing station codes and names (e.g., WRA Warramunga Arr, ASAR Alice Springs, FINES FINESSE Array B).

ICD 30 11:48:32.5, 2.2, 18.25S, 178.16W, h563m, 2.2km, mb3.0/4, mbmtmp3.9/5, Error ellipse: s-maj=35.7km s-min=30.7km az=169.0, Fiji Islands region

Table for ICD 30 11:48:32.5, listing station codes and names (e.g., MSVF Nonsavu, WRA Warramunga Arr, ASAR Alice Springs, GSPA South Pole Qui, ILAR Eielson Array).

JMA 30 12:02:26.9, 0.3, 24.2N, 0.16, 123.7E, 0.8, h19km, 2km, MV1.2/6, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyus Islands

Table for JMA 30 12:02:26.9, listing station codes and names (e.g., HATJ Hateruma, IRIF Iriomote-Funau, JKRS Kuro-shima, etc.).

TAP 30 12:03:06.6, 24.27N, 121.76E, h54km, ML1.8, B, Taiwan

Table for TAP 30 12:03:06.6, listing station codes and names (e.g., HEP Heping Village, ENA Nanau, NACB Ninganchiao, etc.).

Table for 2018 SEP section, listing station codes and names (e.g., ENTT Nioudou, EOSE Yeheng, TWE Neicheng, WHF Hehuan Shan, FUSS Fushanzhiwuyua, etc.) with associated data.

ICD 30 12:03:18.6, 1.9, 18.33S, 177.23W, h571km, 20km, mb3.0/7, mbmtmp3.9/8, Error ellipse: s-maj=33.2km s-min=17.5km

ICD 30 12:03:17.4, 0.9, 18.4S, 0.2, 178.1W, 0.2, h557km, n9, c1809/10, mb3.5/7, Fiji Islands region

Table for ICD 30 12:03:17.4, listing station codes and names (e.g., MSVF Nonsavu, WRA Warramunga Arr, ASAR Alice Springs, GSPA South Pole Qui, NVAR Mina Array Bea, etc.).

FUNV 30 12:25:53.1, 10.40N, 62.62W, h12km, MW3.5, Near coast of Venezuela

Table for FUNV 30 12:25:53.1, listing station codes and names (e.g., CUMV Cumana, PCRV Puerto La Cruz, LUEV Luepa, etc.).

GII 30 12:31:02.6, 0.4, 34.686N, 0.003, 28.016E, 0.001, h20km, MW3.1, confirmed

ISK 30 12:31:10.9, 34.83N, 28.30E, h95km, 1km, ML2.7/16, NIC 30 12:31:12.1, 34.73N, 28.33E, h32km, 39km, ML2.7/7, THE 30 12:31:15.8, 34.96N, 28.17E, h80km, 7km, ML2.4/4, Error ellipse: s-maj=7.6km s-min=1.2km az=108.0

AFAD 30 12:31:17.0, 0.0, 35.37N, 28.30E, h15km, 1km, ML2.3, ICD 30 12:31:07.1, 3.4, 34.76N, 0.004, 28.52E, 0.03, h16km, 10km, n79, c208/105, Eastern Mediterranean Sea

Table for ICD 30 12:31:07.1, listing station codes and names (e.g., KARP Karpathos, ARG Arhangelos, AKAS Kas, etc.).

30d 13h

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

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

NEIC 30 12:48:54.0, 0.8, 18.3S, 0.2:178.0W, 0.2, h556km, mb3.9/1, mb4.4/13, Error ellipse: s-maj=27.2km s-min=21.0km az=141.0

NEIC 30 12:48:55.8, 2.3, 18.27S, 0.178.11W, h572km, 2.2km, mb3.1/6, mbmp4.1/7, Error ellipse: s-maj=38.2km s-min=23.1km az=126.0

NEIC 30 12:48:54.0, 0.8, 18.3S, 0.2:178.0W, 0.1, h557km, n25, 0.6m/25, mb4.2/12, Fiji Islands region

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

2018 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station identifiers like WRA, WRA, AS31, etc.

SOME 30 12:51:55.5, 4.6, 165N, 82.20E, h255km NNC 30 12:51:58.3, 1.6, 44.76N, 81.87E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=22.4km s-min=4.4km az=121.0

Suspected Mining explosion, ISC 30 12:51:53.6, 1.9, 44.47N, 0.088, 82.4E, 0.1, h0km, n25, 0.15/14/38, 4C-30, Northern Xinjiang

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

ISC 30 13:11:26.5, 1.4, 18.1S, 0.1:178.0W, 0.1, h597km, 9.6km, mb4.4/4, Error ellipse: s-maj=19.4km s-min=15.6km az=145.0

ISC 30 13:12:28.0, 1.5, 18.01S, 178.17W, h609km, 1.7km, mb4.2/10, mbtmp4.2/11, Error ellipse: s-maj=22.7km s-min=12.9km az=147.0

ISC 30 13:11:29.0, 0.5, 18.1S, 0.1:178.07W, 0.08, h590km, n87, 0.84/90, mb4.3/31, 1D, Fiji Islands region

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

1938

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

AFAD 30 13:15:51.0, 0.0, 34.64N, 25.98E, h42km, ML4.5, BUI 30 13:15:53.7, 0.0, 34.86N, 25.87E, h86km, mb5.0/51, mB5.2/11 PDG 30 13:15:55.9, 0.3, 35.21N, 26.32E, h13km, 11km, ML4.8/10, Error ellipse: s-maj=47.7km s-min=65.9km az=0.0

Gll 30 13:15:56.7 0.8, 34.854N, 0.005:26.590E, 0.002, h40km, mB4.7/2, Md4.6/2, Mw5.8, confirmed
 MOS 30 13:15:56.0 1.0, 35.07N-26.18E, h82km, mb4.8/44, Error ellipse: s-maj=4.2km s-min=2.7km az=100.6
 MCSM 30 13:15:57.5 0.8, 35.1N, 27.26E, h75km, mb4.9, mB4.5, MLv4.7, Mw(mB)3.7
 HLW 30 13:15:57.3, 34.77N-26.52E, h33km, 13km, Md4.9, M15.3
 ATH 30 13:15:57.9, 35.10N-26.23E, h75km, Mw4.6, Moment Tensor Solution, γ Moment tensor: Mr=1.1; Mw=5.27; Mw=9.38; Mw=5.39; Mw=0.17; Mw=0.20; Fault plane solution: N1P1=144.00000°, S2=622.00000°, T3=33.00000°. N1P2=337.00000°, S2=361.00000°, T3=148.00000°
 IDC 30 13:15:57.8 1.2, 35.10N-26.15E, h80km, 10km, mb4.5/32, mbmp4.7/42, MS3.4/1 Error ellipse: s-maj=10.8km s-min=9.0km az=147.0
 NEIC 30 13:15:57.3 1.6, 35.07N-26.26E, 0.05, h76km, 6km, mb4.9/194, Error ellipse: s-maj=10.6km s-min=2.9km az=207.0
 THE 30 13:15:59.7, 35.19N-26.26E, h62km, 2km, ML4.7/4, Error ellipse: s-maj=3.5km s-min=1.4km az=167.0
 TIR 30 13:16:01.7, 36.08N-25.67E, h11km, 30km, M15.0
 ISC 30 13:15:56.9 0.3, 35.06N-26.28E, 0.03, h76km, 2km, h77km, pP-P, n1053, r175/1070, mb4.9/197, 42C-35D, Crates

DDIM	Aydin, Didim	2.52	18	P	Pn	13 16 36.9	+1.3
DDIM					Sn	13 16 07.2	-2.6
MLSB	Milas	2.54	28	P	Pn	13 16 37.2	+1.2
ANKY	Antikythira Is	2.56	289	P	Sn	13 16 36.1	-0.1
ANKY					S	13 17 04.6	+1.9
ANKY					AML	13 17 09.6	
ANKY	comp=E,8708um,0.6s				AML	13 17 10.1	
DALY	Dalyan (12824um,0.5s	2.60	47	Pn	Pn	13 16 38.1	+1.3
VER	Yerkisik	2.63	37	P	Pn	13 16 38.3	+1.0
YER	Yerkisik	2.63	37	P	Pn	13 16 38.2	+1.0
TNSA	TNSA	2.63	340	P	Pn	13 16 37.9	+0.7
TNSA					S	13 17 06.9	-1.2
SMG	Samos	2.68	9	P	Pn	13 16 38.5	+0.6
MULA	Mugla, Merkez-	2.74	36	P	Pn	13 16 37.7	+0.9
MULA					AML	13 17 21.0	
GCAM	G?zelcamli?	2.75	16	Pn	Pn	13 16 39.9	+1.2
GCAM	G?zelcamli?	2.75	16	P	Pn	13 16 39.2	+0.5
IZZE	Mula-Seydike	2.76	59	S	Pn	13 17 08.6	-2.8
FETY	Fethiye	2.77	55	Pn	Pn	13 16 39.6	+0.5
FETY	Fethiye	2.77	55	P	Pn	13 16 40.8	+1.8
SABU	Mula-Dalaman	2.80	50	P	Pn	13 16 40.6	+1.1
SABU					AML	13 17 07.8	-4.5
SABU					S	13 17 23.0	

SRS	Serrai	6.41	341	P	Pn	13 17 30.7	+2.1
SRS					Pmax		
HMGT	Mayaidein	6.49	143	P	Pn	13 17 27.2	-2.7
IGY	Igouinitssa	6.51	315	P	Pn	13 17 28.7	-1.4
IGT	baz=311				S	13 18 36.3	-6.5
IGT	baz=311				AMP		
IGT	comp=E,1.1nm,0.3s,baz=311				AMP		
IGAT	Igouinitssa	6.51	315	P	Pn	13 17 28.6	-1.4
HNAT	Natroun	6.54	145	P	Pn	13 17 27.9	-2.6
MDUB	Mudurnu	6.66	34	Pn	Pn	13 17 31.7	-0.5
LSK	Leskovik	6.79	320	P	Pn	13 17 33.7	-0.2
LSK	baz=318				S	13 18 41.6	-8.2
LSK	baz=318				AMP		
LSK	comp=E,2.6nm,0.9s,baz=318				AMP		
FNA	Florina	6.90	327	P	Pn	13 17 34.9	-0.5
FNA	baz=326				S		
FNA	Florina	6.90	327	P	Pn	13 17 34.5	-1.0
FNA	Florina	6.90	327	P	Pn	13 17 34.5	-1.0
SRN	Sarande	6.93	316	P	Pn	13 17 34.1	-1.7
SRN	baz=313				S	13 18 47.0	-6.1
SRN	baz=313				AMP		
SRN	comp=E,0.6nm,0.3s,baz=313				AMP		

Code	Station Name	Az	317	Phase ID	ISC	h	m	s	ISC	Time	Res
ZKR	Zakros	0.07	317	P	Pn	13 16 07.5	-0.4				
ZKR	Zakros	0.07	317	P	Pn	13 16 07.7	-0.2				
ZKR	54um,0.5s				S	13 16 16.2	+0.2				
ZKR	Zakros	0.07	317	P	Pn	13 16 07.8	-0.2				
ZKR					S	13 16 15.9	-0.1				
ZKR					AML	13 16 17.2					
ZKR	comp=N,55408um,0.5s				AML	13 16 17.3					
KARP	Karpathos	0.87	56	Pg	Pn	13 16 15.4	+1.2				
KARP					Sg	13 16 29.1	+2.0				
KARP	Karpathos	0.87	56	P	Pn	13 16 15.9	+1.7				
KARP					S	13 16 25.6	-0.6				
KARP	comp=N,90um,0.7s				S	13 16 15.7	+1.4				
KARP	Karpathos	0.87	56	Pn	Pn	13 16 27.6	+0.5				
KARP					S	13 16 15.5	+1.2				
KARP	Karpathos	0.87	56	P	Pn	13 16 29.6	+2.5				
KARP					S	13 16 15.4	+1.5				
KARP	Karpathos	0.87	56	S	Pn	13 16 28.1	+1.0				
KARP					AML	13 16 31.4					
KARP					AML	13 16 31.4					
IACM	Heraklion	1.02	284	P	Pn	13 16 16.9	+0.9				
IACM	Heraklion	1.02	284	P	Pn	13 16 16.9	+0.9				
IACM					S	13 16 16.9	+0.7				
IACM					AML	13 16 43.4					
IACM					AML	13 16 45.6					
IDI	Anoyia	1.16	282	Pn	Pn	13 16 17.9	+0.1				
IDI					S	13 16 34.4	+0.9				
IDI	Anoyia	1.16	282	P	Pn	13 16 18.4	+0.6				
IDI					S	13 16 34.6	+1.1				
IDI	comp=N,19um,0.5s				P	13 16 18.5	+0.7				
IDI	Anoyia	1.16	282	P	Pn	13 16 18.5	+0.7				
IDI	comp=N,6um,0.4s,baz=116,slow=13,SNR=6890				S	13 16 34.5	+1.1				
IDI	Anoyia	1.16	282	P	Pn	13 16 18.4	+0.6				
IDI					AML	13 16 32.8	-0.6				
IDI	comp=E,47569um,0.5s				AML	13 16 35.4					
IDI	comp=N,42786um,0.5s				AML	13 16 36.3					
TMBK	Timbaki Heraki	1.24	271	P	Pn	13 16 19.4	+0.6				
TMBK					S	13 16 34.8	-0.3				
THR8	Thira Island,	1.48	331	P	Pn	13 16 22.0	+0.6				
THR8	Thira Island,	1.48	331	P	Pn	13 16 22.3	+0.4				
THR8	Santorini-Mono	1.49	334	P	Pn	13 16 22.0	+0.0				
THR8	Santorini-Mono	1.49	334	P	Pn	13 16 22.2	+0.2				
THR8	Santorini-Faro	1.50	330	P	Pn	13 16 22.3	+0.2				
THR8	Santorini-Faro	1.50	330	P	Pn	13 16 22.5	+0.3				
SNT5	Nea Kammeni, S	1.52	332	S	Pn	13 16 41.1	-0.1				
SNT5					AML	13 16 43.8					
SNT5	comp=E,17675um,0.4s				AML	13 16 47.1					
SNT5	comp=N,10494um,0.2s				AML	13 16 22.5	+0.1				
THR3	Thira Island,	1.52	332	P	Pn	13 16 22.5	+0.1				
THR3	Thira Island,	1.52	332	P	Pn	13 16 22.5	+0.1				
THR2	Thira Island,	1.54	334	P	Pn	13 16 23.0	+0.3				
THR2	Thira Island,	1.54	334	P	Pn	13 16 23.0	+0.3				
THR2	Thira Island,	1.54	334	P	Pn	13 16 23.0	+0.3				
THR3	Thira Island,	1.55	331	P	Pn	13 16 23.1	+0.3				
THR3	Thira Island,	1.55	331	P	Pn	13 16 23.0	+0.3				
SAP3	Santorini-Thir	1.57	331	P	Pn	13 16 23.1	+0.1				
SAP3					S	13 16 41.2	-1.5				
SAP3	comp=N,19um,0.5s				P	13 16 23.2	+0.1				
SAP3	Santorini-Thir	1.57	331	P	Pn	13 16 23.2	+0.1				
CMB0	Columbo, Santo	1.58	333	S	Pn	13 16 42.0	-0.9				
CMB0					S	13 16 23.4	+0.3				
CMB0	Columbo, Santo	1.58	333	S	Pn	13 16 23.4	+0.3				
CMB0					S	13 16 42.5	-0.4				
CMB0					AML	13 16 45.0					
CMB0	comp=N,25264um,0.4s				AML	13 16 49.3					
CMB0	comp=E,23295um,0.5s				AML	13 16 49.3					
NISR	Nisiros	1.69	24	P	Pn	13 16 25.3	+0.6				
NISR					S	13 16 44.9	-0.7				
NISR	comp=N,16199um,0.5s				AML	13 16 48.6					
NISR	comp=E,24026um,0.4s				Pn	13 16 26.3	+0.1				
GVD	Gavdhos	1.81	264	Pn	Pn	13 16 26.3	+0.1				
GVD	Gavdhos	1.81	264	P	Pn	13 16 27.7	+0.7				
YAZI	Mula-Daişa	1.88	30	P	Pn	13 16 46.2	-3.8				
YAZI					S	13 16 28.1	+0.9				
CHAN	Chania	1.89	285	P	Pn	13 16 49.0	-1.2				
CHAN					AML	13 16 52.9					
CHAN	comp=N,24232um,0.5s				AML	13 16 54.6					
ARG	Arkhangelos	1.90	52	P	Pn	13 16 28.5	+1.2				
ARG	Arkhangelos	1.90	52	P	Pn	13 16 50.8	+0.4				
ARG					S	13 16 54.9					
ARG	comp=N,8524um,0.6s				AML	13 17 01.2					
ARG	comp=N,9510um,0.3s				AML	13 16 28.1	+0.4				
IMMV	Iera Moni Meta	1.92	283	Pn	Pn	13 16 28.6	+1.0				
IMMV	Iera Moni Meta	1.92	283	P	Pn	13 16 50.4	-0.7				
IMMV					S	13 16 56.7					
IMMV	comp=E,20110um,0.6s				AML	13 16 58.2					
IMMV	comp=N,14772um,0.4s				AML	13 16 29.3	+0.9				
DAT	Data	1.97	32	Pn	Pn	13 16 29.3	+0.9				
DAT	Data	1.97	32	P	Pn	13 16 29.3	+0.9				
DAT					S	13 16 28.6	+0.2				
KLNA	Kalymnos	1.98	16	P	Pn	13 16 28.6	+0.2				
KLNA					S	13 16 51.1	-1.2				
APE	Apeiranthos	2.10	343	Pn	Pn	13 16 30.6	+0.5				
APE	Apeiranthos	2.10	343	P	Pn	13 16 30.5	+0.5				
APE	Apeiranthos	2.10	343	P	Pn	13 16 30.5	+0.5				
APE	Apeiranthos	2.10	343	P	Pn	13 16 30.5	+0.5				
RODP	Rodopos	2.12	284	Pn	Pn	13 16 31.2	+0.9				
KNDR	Palaiochora Ch	2.13	275	Pn	Pn	13 16 31.5	+1.0				
KNDR	Palaiochora Ch	2.13	275	P	Pn	13 16 31.4	+0.9				
KNDR					S	13 16 56.4	+0.4				
KNDR	comp=N,12622um,0.5s				AML	13 17 02.7					
KNDR	comp=E,11678um,0.6s				AML	13 17 04.8					
BODT	Bod										

30d 13h

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

1500 SEP

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AK20, AK03, NCK, etc.

1940

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MZR Muzera, BRBG Braganca, MVO Monaco, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CHKK Chushkaly, TNS5 Tian-Shan, TNS5 Tian-Shan, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BOSA Chengdu, SCHO Schefferville, PZH PanZhiHu, etc.

30d 18d

BRLK	Bradley Lake	14.33	51	P	17 43 37.5	-0.1
KTH	Kantishna Hill	16.01	38	P	17 43 58.1	+0.8
	comp=Z,11nm,1.2s			Iamb	17 44 00.5	
RND	Reindeer	16.73	40	P	17 44 04.7	+0.9
RND				Iamb	17 44 06.3	
	comp=Z,6.1nm,0.8s					
DHY	Denali Highway	17.18	43	P	17 44 10.0	-1.1
DHY				Iamb	17 44 12.6	
	comp=Z,6.9nm,0.9s					
J25K	Salcha River	18.65	39	P	17 44 24.9	+0.2
J25K				Iamb	17 44 27.0	
	comp=Z,3.6nm,0.5s					
SCRK	Sand Creek	18.93	42	P	17 44 28.5	+0.8
SCRK				Iamb	17 44 29.4	
	comp=Z,7.9nm,0.5s					
B21K	Ikpikup River	19.11	20	P	17 44 29.2	-0.2
J26L	Joseph Creek	19.31	41	P	17 44 32.9	+1.2

TEH 30 17:41:08.0, 34:45N, 46:46E, h9km, mb3.5/5, ML2.8
 ISN 30 17:41:12.7, 34:34N, 46:24E, h25km, ML2.8
 ISC 30 17:41:07.9, 34:34N, 0:04, 46:42E, 0:04, h9km, mb3.5/5, ML2.8
 n9, 0:0412, 11, Western Iran

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
					h m s	ISC	
IGHG	Ghaleghazi	0.16	131	Op	Pg	17 41 11.6	+0.2
IGHR	Dehrash	0.27	353	Pg	Pg	17 41 13.3	0.0
GLGI	Gilan-e-Gharb	0.53	233	Pg	Pg	17 41 18.1	-0.2
				Sb	Pb	17 41 27.3	0.0
KCHF	Cheshme Sefid,	0.54	107	Pg	Pg	17 41 17.9	-0.5
ILIN	Lien	0.66	43	Pg	Pg	17 41 20.8	+0.2
SNQR	Songor, Kerman	1.08	67	Pg	Pb	17 41 28.5	-0.4
IBZA	Bozab	1.19	98	Pg	Pb	17 41 30.5	-0.3
IKFM	Kafar-mosalmán	1.49	127	Pg	Pb	17 41 36.3	-0.3
IKRK	Kirkuk	1.96	300	ePg	Pb	17 41 42.0	+0.6
	baz=116						
IKRK				eSg	Sb	17 42 08.0	-0.5
IKRK	comp=N,105nm,0.7s			AML	AML	17 42 17.6	
IKRK	comp=E,129nm,0.4s			AML	AML	17 42 24.1	

TEH 30 17:44:06.9, 32:23N, 47:41E, h15km, mb3.2km, ML2.9
 ISN 30 17:44:09.6, 32:23N, 47:27E, h9km, mb3.1
 ISC 30 17:44:07.1, 32:23N, 0:07, 47:44E, 0:06, h10km, n13,
 -0:05/15, Iran-Iraq border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
					h m s	ISC	
RAFI	Al-Rafai	1.23	246	Op	Pg	17 44 31.0	-0.4
	baz=60						
RAFI				eSg	Sb	17 44 48.0	+0.3
RAFI	comp=N,474nm,0.5s			AML	AML	17 44 52.2	
RAFI	comp=N,528nm,0.6s			AML	AML	17 44 59.2	
IKFM	Kafar-mosalmán	1.34	15	Pg	Pb	17 44 32.1	-0.8
IDOB	Doab	1.68	21	Pg	Pb	17 44 38.3	-0.5
ILBA	Ilam Banvizeh	1.74	324	Pg	Pb	17 44 38.1	-1.7
BMDN	Meidan	1.85	39	Pn	Pb	17 44 40.0	+0.2
BDRS	Dareh Seyedi	2.11	35	Pn	Pn	17 44 43.6	+0.3
HSAM	Sameh	2.21	26	Pn	Pn	17 44 45.2	+0.5
JHEN	Jahan bin	2.73	89	Pn	Pn	17 44 52.5	+0.5
IPIR	Pirpir	2.95	80	Pn	Pn	17 44 56.1	+1.1
HAGD	Aghdareh	2.96	28	Pn	Pn	17 44 55.5	+0.6
IKLH	Kolahrud	3.65	72	Pn	Pn	17 45 05.1	+0.6
IKRK	Kirkuk	4.08	322	ePg	Pb	17 45 12.0	+1.7
IKRK				eSg	Sb	17 45 03.9	-0.9
IZEF	Zefreh	4.18	79	Pn	Pn	17 45 12.4	+0.5

JMA 30 17:52:34.5, 0.4, 34°N, 1°14'2E, h50km, MV3.9/19, E
 OFF HACHUJIMA ISLAND
 IDC 30 17:52:40.3, 2.8, 33°65N, 141°54E, h48km, mb3.7/12,
 mbmp4.0/13, ML2.9/1, MS3.5/3, Error ellipse:
 s-maj=24.4km s-min=11.8km az=92.0

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
					h m s	ISC	
B001	Boso 1	1.10	326	P	Pn	17 52 56.0	-0.8
B001				eS	Sb	17 53 12.0	+1.4
B003	Boso 3	1.46	316	P	Pn	17 53 01.7	-0.4
B004	Boso 4	1.70	317	P	Pn	17 53 05.6	-0.4
B004				eS	Sb	17 53 28.7	+2.9
JHJ2	Mitsune	1.72	249	ePg	Pb	17 53 05.5	-0.4
JHJ	Hachioji jima 2	1.75	250	Pn	Pn	17 53 05.5	-0.7
JHJ	886nm, 0.6s, baz=358, slow=24, SNR=11			S	Sb	17 53 23.8	-3.4
JJZ	392nm, 0.3s, baz=61, slow=19, SNR=1.5			S	Pn	17 53 16.7	-0.7
JJZ	lizshimoda	2.56	293	ePg	Pb	17 53 25.6	-0.1
JRY	Shimob	3.16	305	ePg	Pb	17 53 25.6	-0.1
JYV	Ryogami san	3.25	315	ePg	Pb	17 53 26.6	-0.3
JAG	Ashikaga	3.26	326	P	Pn	17 53 26.6	-0.4
MJAR	Matsushiro Arr	4.02	315	P	Pn	17 53 38.5	+1.1
MJAR	0.8nm, 0.3s, baz=119, slow=6.2, SNR=8.4			S	Sb	17 54 23.6	+0.4
	19nm, 0.7s, baz=158, slow=18, SNR=9.4			S	Sb	17 55 01.4	-3.2
ASAJ	Asahikawa	10.38	3	P	Pn	17 56 52.1	-7.4
ASAJ	4.8nm, 0.6s, baz=218, slow=11, SNR=22			S	Sb	17 56 52.1	-7.4
KSRS	Korea Array	11.84	292	LR	LR	18 00 29.4	
	comp=Z,215nm,19.4s, baz=100, slow=40						
YAK	Yakutsk	29.33	348	LR	LR	18 12 42.7	
	comp=Z,195nm,18.5s, baz=151, slow=41						
SHEM	Shemys Is, Ala	29.90	41	LR	LR	18 09 26.2	
	comp=Z,7.3nm,19.2s, baz=310, slow=33						
SONM	Songino Array	29.94	309	P	P	17 58 44.4	+1.7
	2.1nm, 0.8s, baz=115, slow=10, SNR=11						
CMAR	Chiang Mai Arr	41.03	259	P	P	18 00 16.2	-1.7
	0.4nm, 0.5s, baz=50, slow=7.1, SNR=6.7						
ZALV	Zalesovo Beam	44.37	315	P	P	18 00 45.3	+0.7
	0.8nm, 0.5s, baz=79, slow=9.6, SNR=4.9						
MKAR	Makanchi Array	46.15	305	P	P	18 00 59.5	+0.7
	1.4nm, 0.5s, baz=84, slow=8.5, SNR=16						
KURBS	Kurchatov Arra	48.28	310	P	P	18 01 16.2	+0.9
	2.5nm, 0.5s, baz=85, slow=7.7, SNR=6.5						
ILAR	Eileson Array	52.75	31	P	P	18 01 45.9	+1.5
	0.7nm, 0.7s, baz=265, slow=6.5, SNR=8.1						
BVAR	Borovoye Array	53.01	314	P	P	18 01 52.3	+1.3
	1.8nm, 0.5s, baz=74, slow=8.3, SNR=7.9						
WRA	Warramunga Arr	53.85	189	P	P	18 01 57.4	0.0
	1.2nm, 0.6s, baz=4.7, slow=7.6, SNR=22						
ASAR	Alce Springs	57.58	189	P	P	18 02 24.8	+0.7
	0.4nm, 0.5s, baz=1.7, slow=6.4, SNR=25						
FINES	Fines Array B	71.85	333	P	P	18 03 57.8	+1.1
	6.2nm, 1.1s, baz=46, slow=9.9, SNR=3.9						
KBZ	Khabaz	73.26	312	P	P	18 04 04.6	-0.7
	1.9nm, 1.0s, baz=85, slow=9.9, SNR=3.1						
AKASG	Malin Array Be	77.06	323	P	P	18 04 28.2	+1.1
	0.7nm, 0.5s, baz=50, slow=5.7, SNR=3.3						

NOU 30 17:55:33.7, 15:17S, 167:93E, h94km, ML4.6/8, Vanuatu Islands
 IDC 30 17:55:35.8, 13.0, 15:60S, 165:31E, h9km, mb3.7/3,
 mbmp3.7/4, ML3.9/1, MS3.2/1, Error ellipse:
 s-maj=22.1km s-min=35.4km az=52.0

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
					h m s	ISC	
CEL P	Cerrillos	1.51	239	P	Pn	18 22 14.8	-0.4
CEL P				eSg	Sb	18 22 09.4	-0.6
CEL P	Cerrillos	1.51	239	IAML	IAML	18 22 36.8	
	comp=E,751nm,0.3s						
CEL P				AML	AML	18 22 37.9	
CEL P	comp=N,1µm,0.3s			AML	AML	18 22 14.7	-0.4
CEL P	Cerrillos	1.51	239	ePg	Pb	18 22 33.5	-0.6
	comp=N,1µm,0.2s						
EMPR	Esperanza - Ma	1.30	253	Pn	Pn	18 22 11.8	-0.4
EMPR				Sb	Sb	18 22 29.1	+0.3
EMPR	Esperanza - Ma	1.30	253	IAML	IAML	18 22 30.4	
	comp=N,1µm,0.7s						
EMPR				IAML	IAML	18 22 32.7	
CEL P	Cerrillos	1.51	239	Pn	Pn	18 22 14.8	-0.4
CEL P				eSg	Sb	18 22 09.4	-0.6
CEL P	Cerrillos	1.51	239	IAML	IAML	18 22 36.8	
	comp=E,751nm,0.3s						
CEL P				AML	AML	18 22 37.9	
CEL P	comp=N,1µm,0.3s			AML	AML	18 22 14.7	-0.4
CEL P	Cerrillos	1.51	239	ePg	Pb	18 22 33.5	-0.6
	comp=N,1µm,0.2s						

NOU 30 17:55:33.7, 15:17S, 167:93E, h94km, ML4.6/8, Vanuatu Islands
 IDC 30 17:55:35.8, 13.0, 15:60S, 165:31E, h9km, mb3.7/3,
 mbmp3.7/4, ML3.9/1, MS3.2/1, Error ellipse:
 s-maj=22.1km s-min=35.4km az=52.0

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
					h m s	ISC	
VLAKA	Lakatoro	1.51	155	P	Pn	18 22 14.7	-0.4
VDP	Devils Point	3.28	155	P	Pn	18 22 14.7	-0.4
YATN	Mammie plateau,	7.29	179	P	Pn	17 57 12.0	+0.8
DZM	Mont Dzumac	7.31	182	P	Pn	17 57 13.6	+2.1

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DZM	Mont Dzumac	7.31	182	Pn	17 57 13.1	+1.6
	2.4nm, 0.3s, baz=115, slow=7.5, SNR=40			Sn	17 58 31.0	-2.3
DZM				Sn	17 58 31.0	-2.3
	1.5nm, 0.3s, baz=115, slow=7.5, SNR=10					
NOUC	Port Laguerre	7.24	183	P	17 57 14.7	+2.8
ONTNC	Ouen Toro	7.54	182	P	17 57 18.0	+3.4
RAO	Raoul Island	20.24	138	LR	18 05 32.7	
	comp=Z,65nm,19.8s, baz=131, slow=29					
STKA	Stephens Creek	29.61	229	P	18 01 18.7	-1.6
	0.7nm, 0.3s, baz=55, slow=9.7, SNR=5.6					
WRA	Warramunga Arr	31.34	256	P	18 01 44.7	+0.1
	0.2nm, 0.5s, baz=85, slow=7.5, SNR=2.0					
ASAR	Alce Springs	32.21	249	P	18 01 52.1	-0.1
	0.5nm, 0.4s, baz=76, slow=9.2, SNR=25					

MA2	Magadan	15.39	310	P	Pn	18 49 32.1 +0.8
K13K	Kusilyak Mount	15.44	40	Pn	Pn	18 49 32.2 +0.3
K13K	Kusilyak Mount	15.44	40	Pn	Pn	18 49 31.9 0.0
O14K	Tigyukauivt M	15.51	52	P	Pn	18 49 37.1 +0.5
N14K	Kuskokwak Cree	15.83	49	P	Pn	18 49 37.2 +0.3
L14K	Kuka Creek	15.96	43	P	P	18 49 41.0 -1.1
L14K	Kuka Creek	15.96	43	P	P	18 49 38.8 +0.2
M14K	Bethel	16.03	46	P	IAMB	18 49 42.0 -0.7
M14K	Bethel	16.03	46	P	IAMB	18 49 52.2
SEY	Seymchan	16.26	323	Pn	Pn	18 49 40.3 -2.1
SEY	Seymchan	16.26	323	eP	Pn	18 49 42.5 +0.1
J14K	Nanvaranak Lak	16.32	38	P	Pn	18 49 43.7 +0.6
O15K	Ungalikthiuk R	16.49	53	P	Pn	18 49 46.3 +0.9
M15K	Kasigak River	16.58	47	P	Pn	18 49 47.1 +0.7
L15K	Ungalak Mounta	16.63	43	P	Pn	18 49 47.3 +0.2
N15K	Kwethiuk River	16.67	49	P	Pn	18 49 48.1 +0.5
TNA	Tin City	16.70	26	P	Pn	18 49 48.8 +0.9
ANM	Norne	16.77	31	P	Pn	18 49 49.5 +0.7
K15K	Wolf Creek Mou	16.89	41	P	IAMB	18 49 53.3 +0.9
K15K	Wolf Creek Mou	16.89	41	P	IAMB	18 50 04.6
BILL	Bililino	16.93	350	iP	Pn	18 49 51.1 +0.3
BILL	Bililino	16.93	350	MLR	MLR	18 49 51.1 +0.3
P16K	Nushagak River	17.37	54	P	Pn	18 49 57.1 +0.7
N16K	Nishlik Lake	17.39	49	P	P	18 49 57.8 -0.1
O16K	Kokwok River B	17.46	52	P	Pn	18 49 58.2 +0.7
G15K	Niukluk	17.48	32	P	Pn	18 49 58.3 +0.6
M16K	Timber Creek	17.49	47	P	P	18 49 59.4 +0.5
M16K	Timber Creek	17.49	47	P	P	18 49 58.5 +0.7
L16K	Owhat River	17.51	45	P	P	18 49 59.6 +0.4
L16K	Owhat River	17.51	45	P	P	18 49 59.0 -0.2
J16K	Anvik River	17.75	39	P	P	18 50 02.0 +0.2
F15K	North Star Dit	17.76	29	P	P	18 50 02.2 +0.3
H16K	Elim	17.87	34	P	P	18 50 03.3 +0.2
R17L	Mt. Peulik Vol	17.98	59	P	P	18 50 04.6 +0.2
O16K	King Salmon	17.98	55	P	P	18 50 04.7 +0.3
O17K	Koliganek Bris	18.00	52	P	Pn	18 50 04.4 +0.3
I17K	Unalakleet	18.02	37	P	IAMB	18 50 06.1 +1.4
I17K	Unalakleet	18.02	37	P	IAMB	18 50 34.5
I17K	Unalakleet	18.02	37	P	P	18 50 05.5 +0.8
N17K	Nushagak Hills	18.15	49	P	P	18 50 07.2 +0.9
N17K	Nushagak Hills	18.15	49	P	P	18 50 07.1 +0.9
P17K	Kvichak River	18.19	54	P	P	18 50 07.5 +0.8
L17K	Donlin	18.19	44	P	P	18 50 07.2 +0.5
G16K	Koyuk River	18.29	32	P	P	18 50 08.1 +0.4
M17K	Holitna River	18.31	47	P	IAMB	18 50 09.5 +1.5
M17K	Holitna River	18.31	47	P	IAMB	18 50 37.9
O17K	Contact Creek	18.31	47	P	P	18 50 08.8 +0.8
O17K	Contact Creek	18.31	47	P	P	18 50 08.5 +0.3
J17K	VABM Dome	18.41	40	P	Pn	18 50 10.9 +1.8
J17K	VABM Dome	18.41	40	P	Pn	18 50 10.0 +0.8
K17K	Iditarod	18.43	42	Pn	Pn	18 50 12.0 +2.7
K17K	Iditarod	18.43	42	Pn	Pn	18 50 09.8 +0.5
ACHA	Angle Creek He	18.60	57	P	Pn	18 50 12.9 +1.4
ACHA	Angle Creek He	18.60	57	P	IAMB	18 50 39.5
N18K	Kilae Creek	18.81	50	P	Pn	18 50 14.8 +0.7
N18K	Kilae Creek	18.81	50	P	Pn	18 50 14.5 +0.4
O18K	Katmai Hardscr	18.82	56	P	P	18 50 13.8 0.0
P18K	Big Mountain	18.84	54	P	P	18 50 14.3 +0.4
H17K	Granite Mounta	18.86	35	P	P	18 50 13.3 -0.7
H17K	Granite Mounta	18.86	35	P	P	18 50 14.3 +0.2
G17K	Kiwalik Mounta	18.92	33	P	P	18 50 15.1 +0.4
L18K	Granite Mounta	18.93	45	P	Pn	18 50 15.8 +0.3
L18K	Granite Mounta	18.93	45	P	Pn	18 50 15.4 0.0
O18K	Koktuh Hills	18.94	52	P	P	18 50 15.2 +0.2
R18K	Karluk	18.99	59	P	P	18 50 16.2 +0.7
M18K	Stony River	19.07	47	P	P	18 50 17.0 +0.6
F17K	Baldwin Pennin	19.29	30	P	P	18 50 19.0 +0.3
J18K	Innok River	19.39	41	P	Pn	18 50 21.6 +0.5
J18K	Innok River	19.39	41	P	P	18 50 20.0 +0.2
C16K	Lisburne Hills	19.42	23	P	IAMB	18 50 20.6 +0.5
C16K	Lisburne Hills	19.42	23	P	IAMB	18 50 44.6
O19K	Port Alsworth	19.45	52	P	P	18 50 21.3 +0.8
N19K	Bonanza Creek	19.51	50	P	P	18 50 21.3 0.0
E17K	Hotham Inlet	19.52	28	P	P	18 50 21.8 +0.5
H18K	Honhosa River	19.54	36	P	IAMB	18 50 22.2 +0.7
H18K	Honhosa River	19.54	36	P	IAMB	18 50 37.9
Q19K	Cape Douglas,	19.57	55	P	IAMB	18 50 21.3 -0.5
Q19K	Cape Douglas,	19.57	55	P	IAMB	18 50 50.5
Q19K	Cape Douglas,	19.57	55	P	P	18 50 21.5 -0.3
D17K	Noatak River	19.58	26	P	P	18 50 22.3 +0.4
OHAK	Old Harbor	19.60	61	P	IAMB	18 50 20.4 -1.8
OHAK	Old Harbor	19.60	61	P	IAMB	18 50 58.9
L19K	White Mountain	19.72	46	P	P	18 50 24.0 +0.4
G18K	Tagagavik	19.83	34	P	IAMB	18 50 52.9
G18K	Tagagavik	19.83	34	P	P	18 50 25.3 +0.7
M19K	Big River Lodg	19.85	47	P	Pn	18 50 25.9 -0.6
M19K	Big River Lodg	19.85	47	P	Pn	18 50 25.6 +0.8
RDOG	Red Dog Mine	19.88	25	P	IAMB	18 50 25.6 +0.4
RDOG	Red Dog Mine	19.88	25	P	IAMB	18 50 27.3

RDOG	Red Dog Mine	19.88	25	P	Pn	18 50 26.0 -0.8
P19K	Oil Pt	19.89	53	IAMB	IAMB	18 50 52.7
P19K	Oil Pt	19.89	53	P	P	18 50 26.3 +0.9
GCSA	Galena City Sc	19.89	38	P	P	18 50 26.1 +0.9
F18K	Selawik	19.90	31	P	P	18 50 25.3 0.0
ILSW	Ililamna Southw	19.99	53	P	P	18 50 25.4 -1.1
ILSW	Ililamna Southw	19.99	53	IAMB	IAMB	18 51 00.9
KDAK	Kodiak Island	20.01	59	P	IAMB	18 50 25.1 -1.5
KDAK	Kodiak Island	20.01	59	P	IAMB	18 50 40.9
KDAK	Kodiak Island	20.01	59	P	P	18 50 25.0 -1.5
KDAK	Kodiak Island	20.01	59	S	S	18 54 03.8 -6.7
KDAK	Kodiak Island	20.01	59	eP	P	18 50 27.1 +0.5
KDAK	Kodiak Island	20.01	59	MLR	MLR	18 50 27.1 +0.5
J19K	Poorman	20.05	40	P	IAMB	18 50 27.6 +0.5
J19K	Poorman	20.05	40	P	IAMB	18 50 55.4
J19K	Poorman	20.05	40	P	P	18 50 26.6 -0.4
E18K	Tukpahleark C	20.11	29	IAMB	IAMB	18 50 39.8
E18K	Tukpahleark C	20.11	29	P	P	18 50 27.9 +0.3
C17K	Delong Mountai	20.11	24	P	P	18 50 28.1 +0.4
Q20K	Shuyak Island	20.18	57	P	P	18 50 28.4 0.0
SYI	Shuyak Island	20.18	57	IAMB	IAMB	18 50 46.0
L20K	Farewell, AK	20.25	45	P	P	18 50 29.4 +0.2
O20K	Slope Mountain	20.26	52	P	P	18 50 30.0 +0.6
M20K	Styx River	20.41	47	IAMB	IAMB	18 50 54.4
M20K	Styx River	20.41	47	P	P	18 50 30.6 -0.5
H19K	Roundabout Mou	20.42	36	IAMB	IAMB	18 51 02.2
H19K	Roundabout Mou	20.42	36	P	P	18 50 31.2 +0.2
K20K	Telida	20.45	43	P	P	18 50 31.8 +0.4
K20K	Telida	20.45	43	IAMB	IAMB	18 50 36.2
K20K	Telida	20.45	43	P	P	18 50 31.4 0.0
G19K	Purcell Mounta	20.50	34	P	P	18 50 31.4 -0.5
F19K	Shalercuk Mo	20.64	32	P	P	18 50 32.8 -0.6
N20K	Mount Spurr	20.68	49	P	P	18 50 33.3 -0.7
SPCR	Spurr Chakacha	20.68	49	P	P	18 50 33.5 -0.5
HOM	Homer	20.68	54	P	P	18 50 33.2 -0.7
J20K	Nowitna River	20.72	40	IAMB	IAMB	18 51 02.5
J20K	Nowitna River	20.72	40	P	P	18 50 33.9 -0.4
SPU	Mount Spurr	20.75	49	IAMB	IAMB	18 51 13.9
C18K	Utukok River	20.75	25	P	P	18 50 34.7 0.0
I20K	Naaghedeneel	20.84	39	P	P	18 50 35.6 +0.1
CNPM	China Pout	20.87	54	P	P	18 50 35.2 -0.8
CNPM	China Pout	20.87	54	IAMB	IAMB	18 51 09.4
YSS	Yuzh-Sakhalins	20.95	270	eP	P	18 50 38.3 +1.5
YSS	Yuzh-Sakhalins	20.95	270	S	S	18 54 28.2 -1.1
H20K	Anotlenega Mo	20.98	37	P	P	18 50 37.2 +0.1
BRLL	Bradley Lake	21.08	54	P	IAMB	18 50 38.6 +0.4
BRLL	Bradley Lake	21.08	54	P	IAMB	18 51 08.0
B18K	Kokolik River	21.10	24	P	P	18 50 38.3 0.0
PPLA	Purkypile	21.12	45	P	P	18 50 38.4 -0.3
BRSE	Bradley Lake S	21.15	54	P	P	18 50 38.7 -0.2
E19K	Redstone River	21.17	31	P	IAMB	18 50 39.2 +0.1
E19K	Redstone River	21.17	31	P	IAMB	18 51 06.8
E19K	Redstone River	21.17	31	P	P	18 50 39.1 -0.1
SKT	Skwentna	21.17	47	IAMB	IAMB	18 51 07.5
SKT	Skwentna	21.17	47	P	P	18 50 39.9 +0.7
CHUM	Lake Minchumin	21.37	42	P	P	18 50 41.5 +0.2
SUA	Susitna One	21.42	49	IAMB	IAMB	18 51 13.2
SUA	Susitna One	21.42	49	P	P	18 50 42.2 +0.1
F20K	Avaraak Lake	21.44	33	IAMB	IAMB	18 51 09.6
F20K	Avaraak Lake	21.44	33	P	P	18 50 42.3 +0.3
C19K	Lookout Ridge	21.49	26	P	IAMB	18 50 42.7 +0.1
C19K	Lookout Ridge	21.49	26	P	IAMB	18 51 01.8
C19K	Lookout Ridge	21.49	26	P	P	18 50 42.9 +0.2
D19K	Kuna River	21.52	28	P	P	18 50 43.5 +0.6
D19K	Kuna River	21.52	28	P	P	18 50 42.7 -0.1
IMAR	Indian Moutal	21.62	36	P	P	18 50 44.3 +0.3
O22K	Cooper Landing	21.75	52	P	P	18 50 45.6 +0.3
M22K	Willow	21.77	48	P	P	18 50 46.4 +0.8
H21K	Melozitna Rive	21.83	37	IAMB	IAMB	18 51 14.2
H21K	Melozitna Rive	21.83	37	P	P	18 50 46.7 +0.4
RC01	Rabbit Creek A	21.84	50	P	P	18 50 46.2 -0.1
SEW	Seward	21.84	53	P	P	18 50 46.4 +0.1
CUT	Chulitna	21.85				

30d 19h

comp=Z,0.4nm,0.6s

IDC 30 19:04:53.8±1.6,23.74S±179.26E,h524km,16km, mb3.6/10,mbtmp4.5/12,Error ellipse: s-maj=17.2km s-min=16.3km az=39.0

NEIC 30 19:04:54.1±0.9,23.6S±0.1x179.4E±0.2,h547km,11km, mb4.4/30,Error ellipse: s-maj=22.9km s-min=17.6km az=81.0

ISC 30 19:04:55.0±0.6,23.76S±0.08,179.2E±0.1,h548km,n57, s137/61,mb4.3/26.5C, South of Fiji Islands

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

UCR 30 19:09:04.0±0.5,9.54N±83.90W,h34km,1km,MW3.8

CATAC 30 19:09:04.0±0.3,9.55N±83.84W,h17km,km,ML3.7

ISC 30 19:09:04.5±0.9,9.52N±0.03,83.86W±0.03,h29km,7km, n74,±0.93/84,Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s ISC. Lists seismic stations for Costa Rica.

2018 SEP

Main table of seismic events for 2018 SEP. Columns include: TAGO, Cartago, VINA, Juan Vinas, PCAYA, Pacayas, ACOS, Acosta, TURIB, Turrialba, AMPA, Desamparados, AMPA, Verben, VERB, Verben, LUJA, Lujan, SJ53, Mercedes San J, ESCUELA, Escuela Geolog, SAN JOSE, San Jose, VICA, Volcano Irazu, LUPE, Gualadupe, RITA, Parrita, coRON, Coronado, BEL, Barrio Mexico, OCHAL, Ochojal, OCHAL, Ochojal, VTCV, Calite Va, VTLA, Turrialba Volc, CVTQ, Turrialba Volc, CVTV, Tajo, RVSTA, Santa Teresita, VTRQ, Volcan Turrial, CVTR, Volcan Turrial, CIMVO, Finca Echandi, DOMI, Santo Domingo, SANTA, Santa Ana, HDC, Heredia, BEL, Belen, BURE, Buenos Aires, LCOCCO, El Coco, RYLA, Villa Bonita, DRKO, Durika, DRKO, Durika, IRES, Siquirres, TCS1, Tacares, TCS1, TCS1, Tacares, EDBA, Buenos Aires, EDPN, Palmer Norte, SRO, Sarchi, VPS6, Volcano Poas, RAMO, San Ramon, SRA1, San Ramn, EDP2, Potrero Grande, LPLA, Las Palmas La, EDAD, Puello, JIME, Puerto Jimenez, SOCE, Pocosol, SOCE, Pocosol, CBLI, Cabuya, PIRO, Carate, Puerto, PIRO, Carate, PIRO, Volcan Arenal, ARE1, Arenal I, CEDE, Laguna Ceceo, COVE, Coope Vega, Sa, COVE, Coope Vega, JTS, Las Juntas de, BRU2, Volcan, BRU2, Volcan, BRU2, Volcan, NYURE, Nandayure, VERA, Finca Concepci, HORNC, Hornosillas, VRLA, La Escudilla, BOAB, BOACO BROADBA, BOAB, Isla Barro Col, BCIP, Isla Barro Col.

IDC 30 19:26:58.9±1.6,6.60N±93.37E,h0km,mb3.8/7, mbtmp3.7/8,ML3.6/1,MS3.3/5,Error ellipse: s-maj=52.1km s-min=31.1km az=50.0

NEIC 30 19:27:00.7±2.0,8.65N±0.09,93.5E±0.1,h10km,1km, mb4.3/5,Error ellipse: s-maj=22.7km s-min=10.6km az=235.0

ISC 30 19:27:01.7±0.7,8.54N±0.09,93.34E±0.07,h26km,n28, s162/19,mb4.1/9,MS3.4/4,Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s ISC. Lists seismic stations for the Nicobar Islands region.

1952

comp=Z,1.7nm,0.9s NOA NORSAR Array B 78.76 331 LR LR 20 15 19.4

NEIC 30 19:28:04.5±0.5,18.86N±0.07,65.19W±0.07,h35km,2km, ML2.3/20,MD3.2/11(RSPR),Error ellipse: s-maj=16.5km s-min=9.1km az=138.0

RSPR 30 19:28:05.1,18.86N±65.17W,h25km,16km,MD3.2/11

ISC 30 19:28:01.5±2.3,18.9N±0.1,65.13W±0.08,h25km,n46, s069/47,8C-2D,Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s ISC. Lists seismic stations for Puerto Rico region.

RSPR 30 19:29:35.0,19.03N±65.21W,h30km,36km,MD2.6/4

ISC 30 19:29:35.0±0.3,19.1N±0.2,65.2W±0.1,h25km,n9, s065/11,C-2D,Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s ISC. Lists seismic stations for Puerto Rico region.

IDC 30 19:36:13.9±30.0,17.96S±178.01W,h410km,252km, mb3.3/3,mbtmp4.0/3,Error ellipse: s-maj=244.4km s-min=52.0km az=119.0,Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s ISC. Lists seismic stations for Fiji Islands region.

BUI 30 19:40:10.9±0.0,42.64N±142.71E,h129km,mb4.4/10, mb4.9/3

MOS 30 19:40:11.5±1.0,42.81N±142.69E,h134km,mb4.4/2,Error ellipse: s-maj=13.6km s-min=8.0km az=89.3

NEIC 30 19:40:12.6±1.5,42.77N±142.5E±0.1,h121km,6km, mb4.3/27,Error ellipse: s-maj=13.7km s-min=7.8km az=105.0

IDC 30 19:40:12.7±1.2,42.85N±142.73E,h126km,7km,mb3.5/17, mbtmp3.9/22,Error ellipse: s-maj=16.1km s-min=13.8km az=131.0

SKHL 30 19:40:13.0±0.0,42.80N±142.80E,h129km,7km,mb4.9/2, msh4.5/3

JMA 30 19:40:13.1±0.2,42.8N±142.7E±0.8,h115km,1km, MV3.5/39,HIDAKA MOUNTAINS REGION

NIED 30 19:40:13.1,42.84N±142.76E,h115km,3.8,Moment Tensor Solution. s3 Moment tensor: Mw3.104Nm; Mn2.23; M0=4.37; Mn3.99; Mb=1.92; Mv=2.50;

Fault plane solution: M6.33000x1014 NP1=51.00000°, S77.00000°, L125.00000°. NP2=158.00000°, S37.00000°, L22.00000°

ISC 30 19:40:12.2±0.6,42.77N±0.03,142.72E±0.03,h122km,5km, n101,±1.02/120,mb2/34,1D,Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s ISC. Lists seismic stations for Hokkaido region.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like E28M, L27K, BCAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSSD, K22A, LAO, etc.

30d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA2, VNA1, ARCES, FINES, GONAS, MOA, SOKA, OBKA, KBA, LESA, ABTA, WATA, WTTA, RETA, SOTA, WLF, BFO, FETA, DAVA, ESDC, TORD, TORD.

IDC 30 20:21:36.9:1.1, 9.76N:125.73E, h0km, mb3.77, mbtmp3.77, MS3.1/1, Error ellipse: s-maj=49.7km s-min=21.3km az=64.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR, KRSR, WRA, ASAR, MKAR, KURBB, ILAR, FINES.

SOME 30 20:21:50.6, 41.02N:83.30E, h0km NNC 30 20:21:52.7:2.4, 41.14N:83.39E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=18.1km s-min=1.9km az=158.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHLS, PDGK, UZB, DJR, SATY, KPKS, ZHN, KURS, ARXS, MDOK, MDOK, TNS5, TNS5.

2018 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNSS, TDK, TDK, TDK, TDK, CHKK, CHKK, CHKK, CHKK, MTBS, MTBS, MTBS, MTBS, KTBS, KTBS, KTBS, KTBS, MK31, MK31, MAK2, MAK2, KST, KST, KST, KST, DGS, DGS, DGS, DGS, TKM2, TKM2, ZSN, ZSN, ZSN, ZSN.

IDC 30 20:49:52.1:2.4, 5.46S:147.28E, h166km, 29km, mb3.0/2, mbtmp3.6/4, Error ellipse: s-maj=81.7km s-min=19.7km az=100.0, Eastern New Guinea region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OK029, OK031, ADOK, OK052, OK052, QUOK, QUOK, OK048, OK048, OK048, OKCSW, OKCSW, DEOK, DEOK, DEOK, OK051, OK051, FNO, FNO, BLOK, BLOK, CROK, CROK, CROK, GC02, GC02, T3SA, T3SA, T3SA, KAN14, KAN14, KAN14.

1954

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAN17, KAN17, KAN17, TUL3, TUL3, TUL3, KAN09, CSTR, KAN05, KAN01, OK038, KS21, KAN08, X34A, KAN17, HANPER, WMOK, ELIS, RLO, LOOK, LOOK, X37A, X37A, U38A, SMWD, HHAR, R32A, FW03, KSU1, KSU1, Z38A, Z38A, MIAR, MIAR, APMT, S39A, AMTX, AMTX, ABTX, WHAR, SN07, SN07, MGMO, SN05, SN05, RTBA, RTBA, POST, R40A, P38A, P38A, T42A, SGCY, 435B, JCT, HND0, SIUC, SDCO, SAND.

IDC 30 21:15:43.5:6.5, 6.02S:147.58E, h130km, 61km, mb2.8/1, mbtmp3.5/3, Error ellipse: s-maj=99.5km s-min=54.0km az=117.0, Eastern New Guinea region

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

IDC 30 21:16:02.4:3.0, 2.03S:179.31E, h520km, 29km, mb3.1/9, mbtmp4.0/10, Error ellipse: s-maj=22.6km s-min=19.3km az=26.0

NEIC 30 21:16:02.3:0.8, 2.03S:179.4E:0.2, h530km, 9km, mb4.4/20, Error ellipse: s-maj=23.7km s-min=10.1km az=108.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI, MXZ, URZ, URZ, QRZ, BHW, BHW, TKNZ, NNZ, TUWZ, GVZ, INZ, CAN, CTAO, STKA, STKA, BBOO, BBOO, ASAR, ASAR, ASAR, WR0, WR0, WR0, WBO, WBO, WRA, WRA, WRA.

Table with columns: WRA, S, S, 21 28 40.0 -4.3. Includes stations like KNRA Kunurra, FITZ Fitzroy Crossi, CASY Casey, QSPA South Pole Qui, etc.

AFAD 30 21:20:17.8.0.0.36.27N.28.62E, h6km, 2km, ML2.3
ISK 30 21:20:19.7.36.47N.28.70E, h5km, ML2.8/10
THE 30 21:20:23.2.36.37N.28.49E, h0km, 2km, ML2.0/3, Error ellipse: s-maj=4.9km s-min=1.5km az=92.0

ISC 30 21:20:19.7.1.1.36.40N.0.03.28.66E.0.02, h7km, 10km, n27, c083/42, Dodecanese Islands

Main table for 1955 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DALY Dalyan (Mula), FETY Fethiye, ARG Arkhangelos, etc.

CNRK 30 21:27:21.3.33.81N.4.05W, h6km, ML2.8
SFS 30 21:27:22.2.33.85N.4.03W, h3km, ML2.7/6, ML3.1/6, ML2.5/5
MDD 30 21:27:22.1.0.7.33.79N.4.02W, h12km, 1km, Mb3.6/7, M, mb2.9/9, Error ellipse: s-maj=6.2km s-min=3.8km az=142.0

INMG 30 21:27:24.5.1.3.33.83N.4.53W, h1km, ML2.0, Error ellipse: s-maj=8.9km s-min=2.5km az=85.0

IGL 30 21:27:24.6.33.84N.4.48W, h1km

ISC 30 21:27:21.3.0.0.33.86N.0.03.4.05W.0.03, h10km, n54, c1553/74, 7C, Morocco

Main table for 2018 SEP with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKLM AKL, LCRM LCR, IFR Ifrane, etc.

ISC 30 21:30:29.3.1.2.39.82N.82.88E, h0km, mb3.8/4, mbmp3.5/8, ML3.0/3, MS2.5/1, Error ellipse: s-maj=24.8km s-min=15.9km az=51.0

SOME 30 21:30:32.5.1.7.39.69N.0.07.82.63E.0.08, h15km, 4km, mb4.8/16, Error ellipse: s-maj=13.4km s-min=2.1km az=220.0

NNC 30 21:30:35.0.3.5.40.08N.82.73E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=26.7km s-min=20.9km az=136.0

ISC 30 21:30:31.5.0.7.39.64N.0.06.82.89E.0.05, h10km, n51, c246/56, mb4.7/11, 4C-7D, Southern Xinjiang

Main table for 2018 SEP with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WUS Wushi, SHLS Shaikode, etc.

Main table for 30d 21h with columns: BOOM Boomske usch, KST Kastek, KST, TKM2 Tokmak 2, etc.

IDC 30 21:39:23.2.1.9.0.42N.124.39E, h0km, mb3.4/3, mbmp3.5/3, Error ellipse: s-maj=186.2km s-min=28.0km az=63.0

DJA 30 21:39:33.0.5.2.12.7E.1, h91km, 7km, M3.9/8, mb4.2/1, ML3.8/8

ISC 30 21:39:34.0.1.5.1.62N.0.08.127.00E.0.05, h10km, n8, c230/9, mb3.6/3, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GAMI Galea, Maluku, GAMI Ternate, etc.

ASAR Alice Springs 26.02 165 P 21 44 55.2 -12

MKAR Makanchi Array 59.44 326 P 21 49 24.7 -12

NEIC 30 21:40:15.4.1.2.19.20N.0.08.66.35W.0.05, h35km, 2km, ML2.0/10, Md3.2/3(RSPR), Error ellipse: s-maj=13.6km s-min=8.6km az=359.0

RSPR 30 21:40:16.8.19.14N.66.34W, h61km, 3km, MD3.2/3

ISC 30 21:40:15.5.3.4.19.1N.0.2.66.44W.0.01, h28km, n12, c067/14, 2C-1D, Puerto Rico region

Main table for 30d 21h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AOPR Arcsibo Observ, AOPR Observ, etc.

30d 21h

Table with columns: CRPR, Cabo Rojo, PR, 1.34 2121 eP, Pn, 21 40 38.6 +0.2

IDC 30 21:58:01.8, 0.6, 5.78S, 146.68E, h90km, 4km, mb, 4.4/23, s-min=7.3km, az=84.0
NEIC 30 21:58:01.9, 1.2, 5.76S, 0.06x146.79E, 0.08, h86km, 4km, mb, 5.0/174, Error ellipse: s-maj=12.0km s-min=9.3km az=83.0

New Guinea region

Main table for New Guinea region with columns: Code, Station Name, Delta, AZT, Op, Phase ID, ISC, Time, Res, h, m, s, ISC

2018 SEP

Main table for 2018 SEP with columns: AUUHS, Ulladulla High, 29.59 174, P, P, 22 03 59.6 +1.3

1956

Main table for 1956 with columns: POHA, Pohakuloa, 62.13 64, P, P, 22 08 15.0 +0.9

1957

Table with columns: Station ID, Name, Elevation, Date, Time, Status, etc. Includes stations like J17K, G16K, M18K, L18K, Q20K, SYI, P19K, N19K, H17K, G17K, KURBB, L19K, M19K, C16K, AAK, F17K, CNPM, E17K, D17K, BRLK, L20K, M20K, BRSE, GCSA, RDOG, RDOG, N20K, SPCR, G18K, G18K, J19K, F18K, C17K, E18K, K20K, K20K, H19K, H19K, SKT, G19K, J20K, J20K, SEW, MAW, SUA, O22K, PPLA, F19K, F19K, C18K, I20K, RC01, RC01, H20K, M22K, CHUM, E19K, E19K, PWR, P23K, C19K, C19K, F20K, GHO, D19K, KNK, KNK, IMAR, BPAW, H21K, SML, SML, I21K, I21K.

2018 SEP

Table with columns: Station ID, Name, Elevation, Date, Time, Status, etc. Includes stations like GLI, G21K, E20K, M23K, D20K, WAT1, FID, SCM, SCM, MLY, MLY, KKAR, F21K, MCK, WAT6, QSPA, QSPA, H22K, EYAK, B20K, NEA2, KLU, KLU, DHY, DHY, E21K, I23K, M24K, M24K, RAGM, G22K, F22K, C21K, WRH, HMT, H23K, BMRM, CCB, B21K, B21K, NRIK, NRIK, NRIK, COLA, COLA, G23K, G23K, BERG, E22K, N25K, N25K, HARP, D22K, D22K, HDA, COLD, PAX, POKR, IL31, ILAR, GLB, K24K, H24K, CRQM, CRQE, B22K, MCARA, RIDG, RIDG, E23K, E23K, D23K, D23K, J25K, G24K, G24K, TOLK, M26K, F24K, L26K, E24K, PRP.

30d 21h

Table with columns: Station ID, Name, Elevation, Date, Time, Status, etc. Includes stations like SCRK, C23K, CTG, H25L, LOGN, G25K, BVAR, BVAR, D24K, M27K, J26L, PINM, FYU, L27K, L27K, O28M, O28M, C24K, BCAR, BCAR, F25K, YUK3, K27K, K27K, I26K, YUK8, BMAR, G26K, D25K, D25K, O29M, O29M, F26K, EGAK, EGAK, P29M, P29M, YUK4, YUK6, I27K, H27K, S31K, HYT, HYT, M29M, C26K, G27K, DAWY, DAWY, P30M, SIT, PLBC, I28M, C27K, C27K, L29M, N30M, E27K, E27K, S32K, O30N, K29M, K29M, I29M, F28M, N31M, D77M, WHY, E28M, G29M, G29M, J30M, J30M, I30M, I30M, EPYK, V35K, G30M, G30M, FARO, F30M, H31M, U35K, G31M, F31M.

30k 22h

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like INUVIK, ABKAR, HUMO, ELIB, AFDM, E07A, HAWA, B08A, OPO, NVAR, C09A, MZP, PFO, KIRV, TROLL, R11B, ELK, SNA, SNA, VNA, VNA, PDAR, U38A, S39A, GRES, PLCA, P49A, DAVOX, Q54A, M013, L61B, M65A, LPAZ, ROSC, ROSC, CPUP, CPUP, ETMB, TORODI, TORODI, SIV, CELP, IGPR, SAML, PTLB, VILB, DBIC, BOAV, BDFB, BDFB, MDP.

NEIC 30 22:01:17.6:1.6, 18:1S:0.1x178:1W:0.1, h513km, 7km, mb4/493, Error ellipse: s-maj=21.1km s-min=17.5km

IDC 30 22:01:21.1:1.1, 18:1S:0.1x178:1W:0.1, h570km, 10km, mb3/718, mbtmt/6.21, Error ellipse: s-maj=16.4km s-min=12.7km az=145.0

ISC 30 22:01:20.2:0.4, 18:39S:0.1x10:178:13W:0.08, h557km, n227, o095/217, mb4, 0.41, 29C-1D, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like MSVF, DZM, KOUNC, RAR, URZ, TUW2, BSWZ, CTAO, TOO, STKA, WRA, WRA, AS31, ASAR, ASAR, ASAR, MJAR, OSAJ, UNV, PETK, KSRS.

2018 SEP

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like USRK, ISA, CMB, AFDM, OMIMB, WAKR, HUMO, DSP, YERR, LHV, NVAR, PAHR, J04A, KVN, TPH, O18K, J05D, M16K, O19K, ILSW, L16K, PRN, BMM, K15K, WVOR, I07A, L18K, J08A, SUA, U15A, ELK, GLI, M2ZK, PMR, G08A, LTY, GHO, J18K, HAWA, WAX, MESA, K20K, SCM, CROM, YAH, TGL, TGL, TABL, VRDI, N25K, M24K, GLB, SEY, J20K, KTH, LOGN, F10A, CTGM, B08A, RND, M26K, S34M, M27K, VHRN, O30N, HDA, CCB, TX31, TX31, TXAR, ANMO, SCRK, IL31, IL31, ILAR, ILAR, F19K, F19K.

1958

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like ALPN, J25K, J26L, DLMT, M30M, L29M, IMW, YHL, PDAR, BOZ, EGAK, E22K, F24K, I30M, CMAR, H29M, SNA, G30M, F31M, MKAR, KURB, BVAR, ARCES, FINES, FINES, SORM, PURM, GAZ, MILM, BNN, KWP, BURJ, OJC, BURAR, BR13, BRTR, KOLS, IZVR, TPGR, UPC, NIE, VRI, PLOR, BMR, HARR, OSTO, CHVC, TURR, LLRB, BISRR, CRR, CLL, COLL, COVR, DZC, OPU, BOSR, LANS, BRG, BRG, BRG, MORC, NEHR, DOPR, PVCC, MLR, MLR, MAUC, CBBR, HSKK, CRR, MMAI, MARR, PRU, VRAC, VRAC, VYHS, PSZ, KRUC, TREC, SIRR, EIL, KHC, KHC, SURR, CKRC, GEC2, GERES, GERES, GERES, BZS, BZS, MOA, MOA, RONA, HERR, MOA, BIOA.

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

DSN 30 23:49:15.6:3.0,35:09N-45:79E,h15km,mb5.3/1, Error ellipse: s-maj=34.3km,s-min=11.3km,az=158.0

MOS 30 23:49:22.6:1.5,34:46N-46:16E,h12km,mb4.6/48, Error ellipse: s-maj=6.0km,s-min=3.0km,az=124.4

NAO 30 23:49:24.0:34:37N-46:44E,h33km,mb4.1 ISN 30 23:49:24.3:6.5,34:49N-46:24E,h9km,mb77km,ML4.8

NEIC 30 23:49:24.9:2.1,34:54N-0:06-46:20E-0:08,h10km,1km, mb4.4/66, Error ellipse: s-maj=11.2km,s-min=9.6km, az=63.0

TEH 30 23:49:24.1:34:61N-46:26E,h8km,24km,ML4.4 IDC 30 23:49:28.6:2.9,34:68N-46:09E,h35km,22km,mb4.1/20, mbmp4.3/28,ML4.1/6,MS3.5/22, Error ellipse: s-maj=17.4km,s-min=11.0km,az=147.0

SGS 30 23:49:29.1:34:59N-46:15E,h12km,M15.3 ISC 30 23:49:24.1:1.0,34:54N-0:02-46:25E-0:03,h12km,7km, n525,σ1884/532,mb4.4/111,MS3.4/17,48C-24D,Western Iran

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists numerous stations like IDHHR, IGHG, GLGI, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

30d 23h

Table with columns: SRE, PUNG, BURAR, etc. and values for various stations and times.

2018 SEP

Table with columns: SUW, JAVC, MODS, etc. and values for various stations and times.

1962

Table with columns: SBF, BJUU, SENIN, etc. and values for various stations and times.

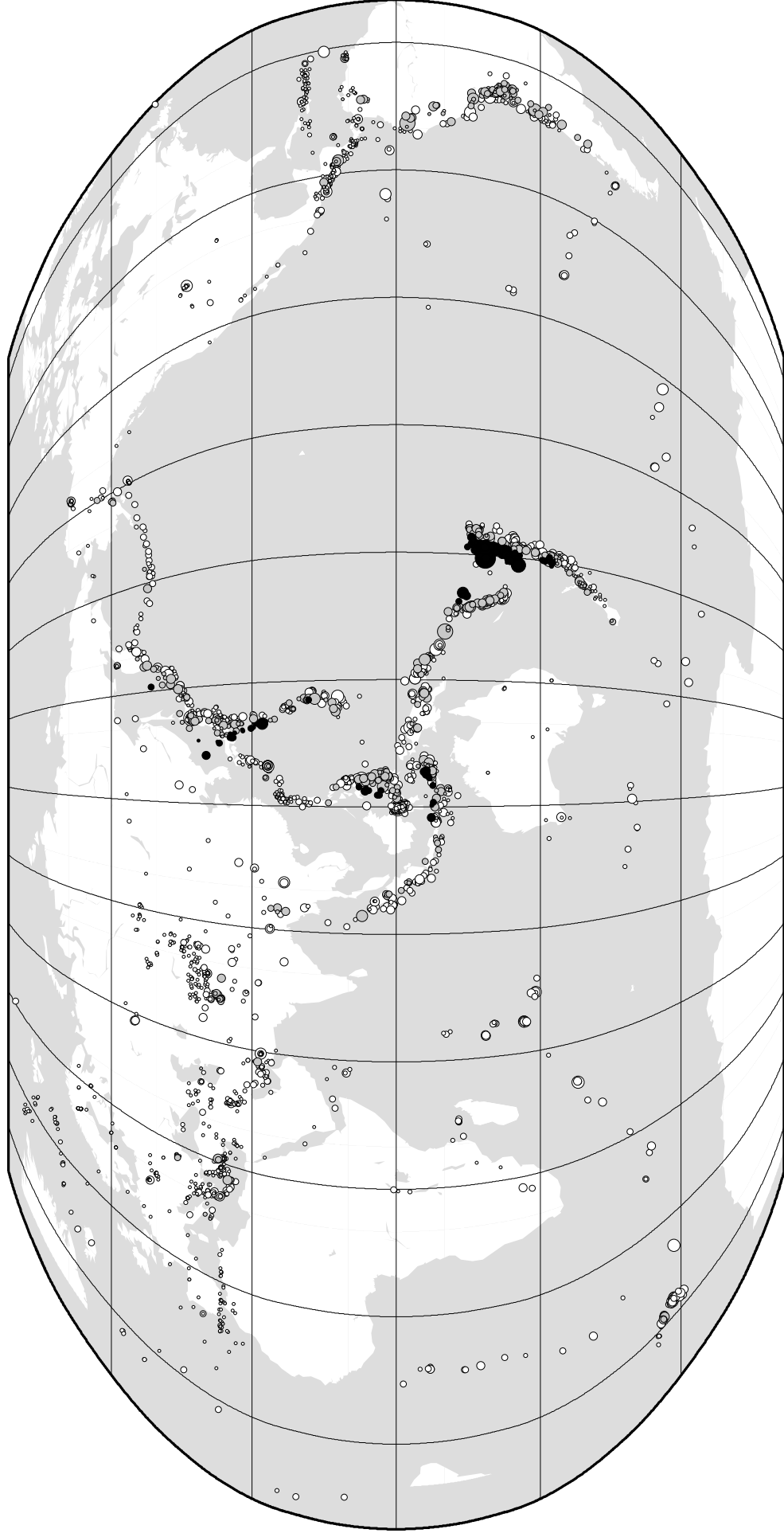
SPITS	Spitsbergen Ar	45.59 352	P	P	23 57 43.9 +0.2
comp=Z,8.1nm,0.8s,baz=143,slow=11,SNR=10					
SOMM	Songino Array	46.06 54	P	P	23 57 47.8 -0.3
SOMM	Songino Array	46.25 54	LR	LR	00 19 45.6
comp=Z,86nm,19.4s,baz=262,slow=39					
SOMM	Songino Array	46.06 54	P	P	23 57 47.8 -0.3
CHTO	Chiang Mai	49.10 95	P	P	23 58 13.1 +1.3
comp=Z,2.9nm,0.6s					
CHTO	Chiang Mai	49.10 95	P	P	23 58 13.1 +1.3
comp=Z,3.0nm,0.6s					
CMAR	Chiang Mai Arr	49.27 95	P	P	23 58 14.3 +1.1
CMAR	Chiang Mai Arr	49.27 95	P	P	23 58 15.8 +2.7
comp=Z,2.3nm,0.7s,baz=222,slow=9.2,SNR=12					
CMAR	Chiang Mai Arr	49.27 95	P	P	23 58 15.8 +2.7
comp=Z,3.0nm,0.8s					
SCO	Scoresbysund	50.61 336	P	P	23 58 23.8 +1.2
SCO	Scoresbysund	50.61 336	P	P	23 58 23.8 +1.2
comp=Z,7.0nm,0.7s					
HHC	Hu-ho-hao-te	51.01 62	eP	P	23 58 28.3 +2.1
comp=Z,8.0nm,0.7s					
HHC	Hu-ho-hao-te	51.01 62	eP	P	23 58 28.3 +2.1
comp=Z,2.88nm,4.9s					
DBIC	Dimbokro	54.55 252	P	P	23 58 52.1 -0.4
comp=Z,2.4nm,0.8s,baz=22,slow=7.3,SNR=4.5					
DBIC	Dimbokro	54.55 252	P	P	00 22 40.3
comp=Z,69nm,18.1s,baz=316,slow=57					
SUMG	Summit	55.87 339	P	P	23 59 01.8 +0.1
SUMG	Summit	55.87 339	P	P	23 59 01.8 +0.1
comp=Z,10.0nm,1.1s					
SFJD	Kangerlussuaq	61.31 334	LR	LR	00 27 38.8
comp=Z,58nm,18.4s,baz=29,slow=38					
BOSA	Boshof	65.87 200	P	P	00 00 10.9 +1.0
comp=Z,5.8nm,1.2s,baz=32,slow=6.2,SNR=3.5					
JNU	Nakatsue	68.18 64	LR	LR	00 35 53.5
comp=Z,84nm,18.4s,baz=31,slow=41					
FRB	Frobisher Bay	69.42 334	LR	LR	00 33 50.8
comp=Z,1nm,18.2s,baz=106,slow=38					
SUR	Sutherland	70.73 203	LR	LR	00 33 18.5
comp=Z,68nm,18.2s,baz=30,slow=37					
ILAR	Eielson Array	80.48 6	P	P	00 01 35.4 -0.4
comp=Z,0.8nm,0.9s,baz=347,slow=3.7,SNR=2.0					
comp=Z,0.8nm,0.9s					

AEIC 30 23:54:40.6:2.3, 64:33N:0:04:173:2W:0:2, h25km, 8km,
 Error ellipse: s-maj=13.6km s-min=5.4km az=77.0
 NEIC 30 23:54:44.5:1.6, 64:40N:0:06:172:8W:0:2, h10km, 2km,
 mb3.8/7, mb_Lg3.5/7, ML4.0(AEIC), Error ellipse:
 s-maj=12.2km s-min=8.5km az=240.0
 MOS 30 23:54:47.5:1.7, 64:37N:171:84W, h12km, mb4.0/1, Error
 ellipse: s-maj=29.4km s-min=20.5km az=177.3
 NERS 30 23:54:54.1, 64:40N, 173:79W, h0km
 ISC 30 23:54:47.3:0.7, 64:44N:0:05:171:86W:0:03, h10km,
 n144, c2s45/148, Eastern Siberia

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PVDR	Provideniya	0.59 270		Op	23 54 58.9	+0.1
PVDR	15μm, 0.3s			Pg	23 54 59.1	
PVDR				eSg	23 55 01.8	-4.7
PVDR				Sgmax	23 55 02.6	
PVDR	Provideniya	0.59 270		iP	23 54 58.9	+0.1
GAMB	Gambell	0.67 174		Sg	23 55 10.1	+1.1
GAMB	Gambell	0.67 174		Pg	23 54 58.7	-1.5
TNA	Tin City	2.02 54		Pn	23 55 21.6	+0.3
F14K	Arctic Creek	2.57 64		Pn	23 55 31.1	+2.2
ANM	Nome	2.81 84		Pn	23 55 33.7	+3.7
ANM				I Amb_Lg	23 56 34.7	
ANM	Nome	2.81 84		P	23 55 34.1	+1.9
ANM				S	23 56 14.8	-2.6
F15K	North Star Dit	3.31 64		Pg	23 55 46.5	+1.4
F15K				Pg	23 55 51.2	+0.6
G15K	Niukuk	3.40 77		Pn	23 55 42.4	+2.0
J14K	Nanvaranak Lak	4.08 111		Pn	23 55 51.0	+1.4
J14K				Pb	23 55 51.4	-7.7
J14K				I Amb_Lg	23 57 17.3	
K13K	Kusilvak Mount	4.12 124		Pn	23 55 51.0	+0.8
K13K	Kusilvak Mount	4.12 124		I Amb_Lg	23 57 09.2	
G16K	Koyuk River	4.16 72		Pg	23 56 04.2	-2.7
G16K	Koyuk River	4.16 72		Pn	23 55 52.1	+1.4
H16K	Elim	4.16 83		Pn	23 55 52.9	+2.1
ANDR	Anadyr'	4.60 278		e	23 56 00.6	+3.8
ANDR				eP	23 56 03.9	-4.1
ANDR				eSg	23 56 53.2	+3.0
ANDR				Sgmax	23 56 58.8	
ANDR	Anadyr'	4.60 278		eP	23 56 00.6	+3.8
ANDR				e	23 56 53.2	
C16K	Lisburne Hills	4.66 31		Pn	23 55 56.6	-1.0
C16K	Lisburne Hills	4.66 31		I Amb_Lg	23 57 31.3	
M11K	Mekoryuk	4.84 145		Pn	23 56 00.2	+0.1
M11K				I Amb_Lg	23 57 30.0	
D17K	Noatak River	4.84 44		Pn	23 56 00.2	0.0
G17K	Kiwalik Mouna	4.88 72		Pn	23 56 01.9	+1.3
E17K	Hotham Inlet	4.91 53		Pn	23 56 03.4	+2.3
I17K	Unalakleet	4.92 91		Pn	23 56 03.3	+2.2
J16K	Anvik River	5.11 98		Pn	23 56 05.3	+1.5
K15K	Wolf Creek Mou	5.12 110		Pn	23 56 06.5	+2.1
RDOG	Red Dog Mine	5.12 41		Pn	23 56 05.1	+1.1
H17K	Granite Mouna	5.15 79		Pn	23 56 06.4	+2.0
L14K	Kuka Creek	5.22 122		Pn	23 56 06.6	+1.3
C17K	DeLong Mounai	5.34 37		Pn	23 56 06.9	-0.1
E18K	Tukpahleark C	5.45 52		Pn	23 56 10.5	+1.5
M13K	Dall Lake	5.48 132		Pn	23 56 12.1	+1.3
J17K	VABM Dome	5.73 95		Pn	23 56 15.0	+2.6
G18K	Tagagawik	5.75 69		Pn	23 56 13.9	+1.3
H18K	Honhosa River	5.81 77		Pn	23 56 15.6	+2.2
M14K	Bethel	5.88 124		Pn	23 56 16.9	+1.7
C18K	Utukok River	7.35 40		Pn	23 56 16.5	+0.5
L16K	Owhat River	6.25 110		Pn	23 56 21.8	+2.3
K17K	Iditarod	6.29 100		Pn	23 56 22.3	+2.3
F19K	Shaleruckik Mo	6.30 61		Pn	23 56 22.7	+2.6
B18K	Kokolik River	6.33 34		Pn	23 56 20.8	+0.3
M15K	Kasiglik River	6.36 121		Pn	23 56 22.8	+1.5
N14K	Kuskokwak Cree	6.57 129		Pn	23 56 24.6	+0.8
H19K	Roundabout Mou	6.62 74		Pn	23 56 26.2	+1.7
J18K	Innoko River	6.74 91		Pn	23 56 29.3	+3.1
D19K	Kuna River	6.83 47		Pn	23 56 28.2	+0.7
M16K	Timber Creek	6.84 114		Pn	23 56 30.2	+2.6
N15K	Kwethluk River	6.95 123		Pn	23 56 31.1	+2.0
J19K	Poorman	7.09 86		Pn	23 56 34.3	+3.3
A19K	Wainwright	7.12 31		Pn	23 56 31.5	+0.1
F20K	Avaraart Lake	7.14 61		Pn	23 56 34.3	+2.7
L18K	Granite Mouna	7.18 101		Pn	23 56 34.9	+2.7
O14K	Tiguykauivet M	7.21 131		Pn	23 56 33.8	+1.1
M17K	Hollina River	7.25 108		Pn	23 56 35.6	+2.4
H20K	Antloneega Mo	7.28 74		Pn	23 56 35.3	+1.8
SPIA	Saint Paul Isl	7.33 173		Pn	23 56 31.6	-2.6
D20K	Etiulik River	7.42 48		Pn	23 56 36.6	+1.0
I20K	Naaghedeneel	7.47 79		Pn	23 56 39.8	+3.5
J20K	Nowinta River	7.70 94		Pn	23 56 42.9	+3.5
IMAR	Indian Mounai	7.75 70		Pn	23 56 42.1	+2.0
N17K	Nushagak Hills	7.84 113		Pn	23 56 43.4	+2.2
M18K	Stony River	7.87 105		Pn	23 56 43.8	+2.0
K20K	Telida	7.92 90		Pn	23 56 44.8	+2.4
B20K	Meade River	7.96 39		Pn	23 56 43.0	0.0
L19K	White Mountain	7.99 99		Pn	23 56 46.0	+2.9
F21K	Alatna River	8.03 61		Pn	23 56 47.6	+3.7
O16K	Kokwok River B	8.08 121		Pn	23 56 47.5	+2.9
H21K	Melozitna Rive	8.14 73		Pn	23 56 47.6	+2.2
SVW2	Sparrevohn	8.17 107		Pn	23 56 48.6	+2.8
E21K	Kilikik River	8.19 53		Pn	23 56 49.2	+3.0
C21K	Knifeflade Rid	8.21 47		Pn	23 56 48.0	+1.6
N18K	Kilae Creek	8.27 110		Pn	23 56 50.2	+3.0

L20K	Farewell, AK	8.28 96	Pn	Pn	23 56 49.7 +2.3
M19K	Big River Lodg	8.29 100	Pn	Pn	23 56 50.6 +3.2
B21K	Ikkipuk River	8.49 45	Pn	Pn	23 56 51.8 +1.7
I21K	Tanana	8.50 76	Pn	Pn	23 56 53.1 +2.8
N19K	Bonanza Creek	8.78 106	Pn	Pn	23 56 57.1 +2.9
D22K	Ayikyak River	8.79 51	Pn	Pn	23 56 57.5 +3.0
M20K	Styr River	8.84 98	Pn	Pn	23 56 57.7 +2.7
E22K	Anaktuvuk Pass	8.86 56	Pn	Pn	23 56 58.1 +2.8
PPLA	Purkeypile	8.87 91	Pn	Pn	23 56 58.6 +3.2
O18K	Koktuh Hill	9.03 113	Pn	Pn	23 57 00.0 +2.4
P1AW	Bear Paw Mtn	9.07 83	Pn	Pn	23 57 00.5 +2.3
B22K	Teshekpuk Lake	9.21 49	Pn	Pn	23 57 05.2 +0.1
KTH	Kantishna Hill	9.23 86	Pn	Pn	23 57 03.7 +3.4
COLD	Coldfoot	9.29 63	Pn	Pn	23 57 04.7 +3.6
G23K	Bananza Creek	9.31 66	Pn	Pn	23 57 02.7 +1.3
P18K	Big Mountain,	9.31 115	Pn	Pn	23 57 02.4 +0.9
SKT	Kwethluk	9.49 52	Pn	Pn	23 57 07.0 +3.2
D23K	Nanushuk River	9.50 52	Pn	Pn	23 57 05.2 +2.2
BILL	Biilbino	9.51 302	eP	Pn	23 57 04.8 +0.7
BILL			eSg	Sn	23 59 31.9 +4.1
BILL			Sgmax		23 59 34.4
comp=Z,190nm,1.3s					
BILL	Biilbino	9.51 302	eP	Pn	23 57 04.8 +0.7
SPU	Mount Spurr	9.62 101	Pn	Pn	23 57 08.4 +2.8
E23K	Chandalar	9.65 58	Pn	Pn	23 57 09.4 +3.3
NEA2	Nenana	9.81 79	Pn	Pn	23 57 10.4 +2.2
C23K	Iktilik River	9.84 47	Pn	Pn	23 57 08.8 +0.3
P19K	Oil Pt	9.95 110	Pn	Pn	23 57 12.6 +2.4
MCK	McKinley	10.04 84	Pn	Pn	23 57 14.3 +2.8
MCK	McKinley	10.04 84	P	Pn	23 57 14.3 +2.8
E24K	Your Creek	10.07 58	Pn	Pn	23 57 15.1 +3.3
RND	Reindeer	10.16 85	Pn	Pn	23 57 16.4 +3.3
RND	Reindeer	10.16 85	P	Pn	23 57 16.4 +3.3
H24K	Noodor Dome	10.21 71	Pn	Pn	23 57 15.1 +1.9
F24K	Squaw Lake	10.21 62	Pn	Pn	23 57 17.2 +3.5
Q19K	Cape Douglas,	10.24 114	Pn	Pn	23 57 15.7 +1.5
WRH	Wood River Hil	10.24 79	Pn	Pn	23 57 17.4 +3.3
G24K	Hadweenic Riv	10.32 66	Pn	Pn	23 57 17.8 +2.5
CCB	Clear Creek Bu	10.33 78	Pn	Pn	23 57 17.7 +2.3
C24K	Franklin Bluff	10.41 49	Pn	Pn	23 57 17.1 +0.7
GHO	Glory Hole Cre	10.70 94	Pn	Pn	23 57 23.5 +3.0
IL31		10.70 77	Pn	Pn	23 57 24.4 +4.0
ILAR	Eielson Array	10.70 7			

ISC Computed Locations for September 2018



Robinson Projection, centred on 0°N,130°E

